



CONVEYOR OPERATION & MAINTENANCE MANUAL

It is the responsibility of the purchaser of this conveyor to train operating personnel in the proper manner of operation. It is furthermore understood that EMI Corporation assumes no responsibility for injury, disability, or death resulting from improper operation of, removal of, or bypassing of any electrical or mechanical safety devices incorporated in the design and manufacturing of this conveyor.

EMI Conveyors are built in accordance with ANSI/ASME B20.1-1984. When used in conjunction with other equipment, user must comply with 5.9.1.1 of this standard, which is written as:

Interfacing of equipment: When two or more pieces of equipment are interfaced, special attention shall be given to the interfaced area to insure the presence of adequate guarding and safety devices.

You as the user, therefore, are required to comply with these standards concerning the interfacing of this equipment.

Sales & Customer Service

216-535-4848 | Fax: 216-535-4823 | www.EMlcorp.com | Sales@EMlcorp.com
28300 Euclid Avenue | Wickliffe, Ohio 44092

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SECTION I. CONVEYOR WARRANTY INFORMATION & WARNINGS

Three Year Conveyor Warranty

EMI conveyors are guaranteed for three years to be free from defects of material or workmanship and to perform as promised when maintained in accordance with EMI manuals and operated under the conditions for which they were designed. Belting is guaranteed for 90 days under the same conditions. Damage due to improper electrical or mechanical applications void this warranty. Upon written notice of defect within three years of sale, EMI will approve pre-paid shipping of the equipment to our factory for inspection, repair or replacement. Repaired or replaced items are returned to the customer at no charge. Returned equipment must be suitably crated by the customer to prevent damage.


WARNING

The installer must comply with all applicable codes, ordinances, specifications, and/or other governing data related to installation. Failure to follow this instruction may result in personal injury and/or machinery damage.

Before you unload your new conveyor, a few words about safety . . .

DANGER

Operator and maintenance personnel shall read and understand all these precautions, warnings and dangers completely before operating, setting up, running, or performing maintenance on the equipment. Fatal injury may result if the previous instructions are not completely followed!!

 NEVER place any part of your body under a suspended load or move a suspended load over any part of another person's body. Be certain that you have a safe spot for depositing the load before lifting. A falling load, for whatever reason, can result if this instruction is not followed.

SECTION I. WARNINGS, CON'T.

IMPORTANT

Whenever you are calling EMI about your conveyor, PLEASE have the Serial Number available. All our records are filed under that Serial Number. This will help us serve you as quickly and efficiently as possible.

WARNING

The proper clothing for the job is to be worn at all times. A number of types of protective equipment are available which can help you to avoid injury.

- ◆ Always wear approved eye or face protection and keep them clean (glasses, shields, etc).
- ◆ Wearing safety toe shoes with skid-proof soles will help to prevent injuries from falling objects or slipping and falling.
- ◆ Wear a safety hat.
- ◆ Keep your protective equipment in good condition, and be sure it meets or exceeds any required or recommended standards.

Failure to heed this warning may result in injury to your personnel and/or damage to your equipment.

WARNING

Accidents can occur that result in serious personal injury to yourself or others due to clothing and other articles becoming entangled in moving conveyor elements. The following suggestions, if followed will help you to avoid such accidents:

- ◆ Neckties, scarves, loose hanging clothing and jewelry such as watches, rings, or necklaces must not be worn around moving conveyors.
- ◆ Wear short sleeved shirt or roll your sleeves up past your elbow.
- ◆ Keep your shirt tucked in.
- ◆ If you have long hair, restrain it with a cap or net, or elastic band.
- ◆ Wear gloves only when essential, such as for handling rough, sharp, or hot parts. NEVER wear gloves when they can become entangled in the equipment!

SECTION I. WARNINGS, CON'T.

WARNING

Do not climb on the equipment. The use of a ladder or platform is recommended. Climbing on the equipment could cause an equipment malfunction and may result in injury if the person is bumped by the equipment, or slips. Failure to heed this warning may result in injury to your personnel and/or damage to your equipment.

CAUTION

Do not remove any blocking or fasteners from the machine until it is set in its permanent location. Failure to follow this instruction may result in equipment damage. *(Refer to Page 10, Section II, Unloading Instructions).*

CAUTION

If for any reason, the electrical work can not be completed and the machine must be left unattended, always lock the main disconnect switch in the “OFF” position. NEVER bypass or route around safety limit switches. Failure to heed this warning may result in personal and/or equipment damage. *(Refer to Pages 15 and 23, Section III, Assembly & Installation Instructions).*

CAUTION

Do not leave foreign articles laying on the conveyor. They could cause injury by distracting or hitting the operator. They could cause the equipment to malfunction by shorting an electrical circuit or jamming the equipment. *(Refer to Page 16, Section III, Assembly & Installation Instructions).*

WARNING

NEVER over-tighten the belt. Too much tension will damage conveyor components. In the case of a KKI or KK conveyor, too much tension will cause the belt to pop up out of the transition area. *(Refer to Pages 18 and 22, Section III, Assembly & Installation Instructions).*

SECTION I. WARNINGS, CON'T.

WARNING

DO NOT install end flapper on conveyors equipped with reversing. The end flapper keeps product from rolling or falling out the infeed end of the conveyor. (Refer to Page 25, Section III, Assembly & Installation Instructions).

CAUTION

Before working on any electrical circuits, panels, or motors, turn the equipment main disconnect device or Manual Starter “OFF”, lock it when applicable, or remove power cord from receptacle. (Refer to Page 30, Section IV, Electrics).

Failure to follow this instruction may result in death or serious personal shock injury!

WARNING

Refer to the serial plate on the conveyor for suitable power sources. (Fig. 47) Make sure the power switch is in the “off” position before connecting the power. For conveyors that require 110 volt single-phase, a power cord and three-prong plug are provided. For 220 volt single-phase, customer must supply a plug. On all three-phase applications, customer must supply cord and plug, or hard-wire into the power switch. Check to make sure all power connections meet National and Local electrical codes. (Refer to Page 30, Section IV, Electrics).

CAUTION

When working on any component, always be sure it is safely positioned; for example, on a sturdy workbench. NEVER work on a component while it is hanging from a crane or other lifting mechanism. Fatal injury may occur if the previously mentioned instructions are not completely followed. (Refer to Page 31, Section V, Preventative Maintenance).

WARNING

NOTE: Before applying any solution to the belt, check to be sure that it does not affect the material of the belt by trying it on a small area first. (Refer to Page 31, Section V, Preventative Maintenance).

SECTION I. WARNINGS, CON'T.

WARNING

When the equipment is installed, be sure that the motors rotate in the proper indicated direction. Failure to follow this caution could result in personal injury or equipment damage. *(Refer to Page 38, Section V, Preventative Maintenance, Motor)*

CAUTION

If motor does not readily seat itself, check to determine if key has moved axially along motor shaft, causing interference. Staking of the keyway adjacent to the motor key will facilitate this procedure. *(Refer to Page 39, Section V, Preventative Maintenance, Reducer Lubrication).*

SECTION I. WARNINGS, CON'T.

WARNING

Disconnect separator from power source before making any adjustments! (*Refer to Pages 42 through 46, Section VII, Finger Separators*).

NOTE: All separators should be connected to suitable earth ground wires. This is normally done through the plug connection. For this reason, 3-wire and 2-wire adapters are not recommended. (*Refer to Pages 42 through 46, Section VII, Finger Separators*).

WARNING

Regularly inspect slings, chains, hoist & other lifting devices. For frequency of inspection refer to the Williams-Steiger occupational safety and health act 1910.197 and any instructions applicable to the equipment. Any unsafe equipment should be repaired properly or discarded immediately. Use of unsafe lifting equipment can result in serious injury to you and others. Failure to heed this warning may result in injury to your personnel and/or damage to your equipment.

Cranes, hoists, slings, eyebolts and other lifting equipment have safety rated capacities that should never be exceeded. Be sure the equipment is adequate for the load and application. Refer to standards and instruction applicable to any lifting equipment you use. (For example, USAS Standard B18.15, published by the American Society of Mechanical Engineers, United Engineering Center, New York, containing information concerning safe lifting loads for different size eyebolts, for various angles of lift and application instructions for safe use of eyebolts). Overloaded or unsafe lifting equipment can result in serious injury to you or others. Failure to heed this warning may result in injury to your personnel and/or damage to your equipment.

SECTION I. WARNINGS CON'T. & DEFINITIONS

WARNING

Always keep your working area clean. Dirty work areas with such hazards as oil or water on the floor may cause someone to fall to the floor, into the equipment, or onto another object resulting in serious personal injury. If spillage or leakage occurs, immediate attention is recommended. Failure to heed these warnings may result in injury to your personnel and/or damage to your equipment.

Definitions

INSTALLER: an individual who is authorized by the employer to prepare and install plastics machinery and related equipment.

OPERATOR: an individual who is trained and authorized by the employer to use the plastics machinery or related equipment to perform production work.

MAINTENANCE PERSONNEL: an individual who is trained and authorized by the employer to perform preventative maintenance and other technical services of required skill level.

SET-UP PERSONNEL: an individual who is trained and authorized by the employer to prepare the plastics machinery or related equipment for production work.

SECTION II. UNLOADING INSTRUCTIONS

Removing Conveyor From Skid or Crate

With the crate still on the skid, unload onto a level area. Carefully remove all crating material, paying particular attention to any bracing that might be supporting the conveyor. Set any unattached parts such as legs, hoppers, etc. off to the side. Check the conveyor for any damage that may have occurred during shipment. Lift the conveyor out of the crate or off the skid and bolt the legs in place, if legs are shipped unattached. Make sure all leg braces are installed as they help strengthen the legs. All legs should be installed as perpendicular to the floor as possible.

Once all legs, hoppers, etc. have been securely installed on the conveyor, check the conveyor for stability. The conveyor is now ready to be positioned in your desired location.

(NOTE: On longer conveyors, it is better and easier to assemble the conveyor at the location where the conveyor will be running. This will help in positioning the conveyor after it is assembled.)

CAUTION

Do not remove any blocking or fasteners from the machine until it is set in its permanent location. Failure to follow this instruction may result in equipment damage.



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SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS

Belt Installation For RM, DD, AD Conveyors

It is necessary to ship longer conveyors in pieces due to the length. In this case, the conveyor frames will have to be assembled, and the belt will need to be installed and tracked. After the frames are assembled and the legs (if so equipped) are assembled on the conveyor, the belt is ready to be installed.

(Fig. 1)



To install the belt, first make sure the tail pulley (pulley opposite drive end) is adjusted all the way in. (Fig. 1)

(Fig. 2)



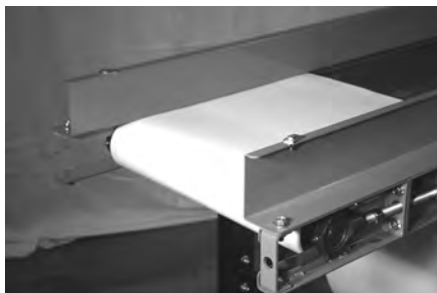
The belt comes rolled up and should be placed on a clean surface at the drive end of the conveyor. Remove the lacing pin from the belt lacing. Start feeding the belt through on the underneath side of the conveyor, making sure the topside of the belt is down. (Fig. 2)

(Fig. 3)



Also make sure the belt is on top of all bottom idler rollers or the slide trays. (Fig. 3)

(Fig. 4)

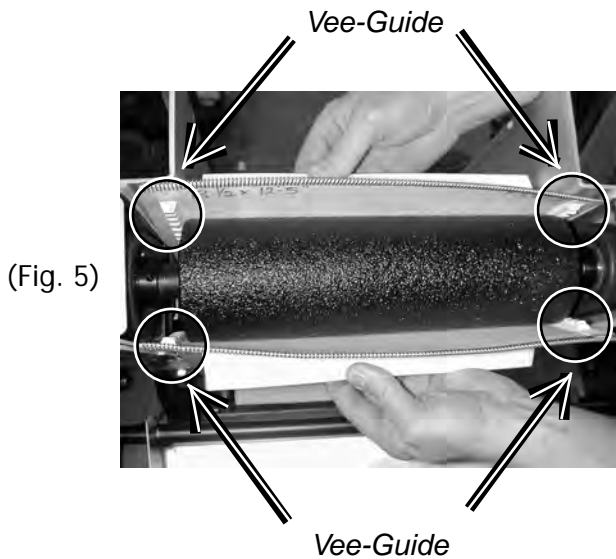


Feed belt around the tail pulley and along the slide bed, making sure the belt is under the side rails (if so equipped). (Fig. 4)

When the leading end of the belt gets back to the drive roller, the lacing pin is ready to be installed.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS

Belt Installation (Con't) For RM, DD, AD Conveyors



When installing a belt with double vee-guide, first make sure the vee-guides are evenly spaced from each edge of the belt at all four corners. If all four corners measure the same, line the edge of the belt up, and install the lacing pin (per Figure 6 Below). (Fig. 5)



Bend the lacing pin at each end to keep it from working out. The bent portion of the pin should fit in the notched portion on the belt. (Fig. 6)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS

Belt Installation (Con't) For RM, DD, AD Conveyors



For belts that are not equipped with vee-guide, line the edges of the belt up & install the lacing pin. (Fig. 7)



Bend the lacing pin at each end to keep it from working out. The bent portion of the pin should fit in the notched portion on the belt. (Fig. 8)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Tensioning Belt For RM, DD, AD Conveyors

(Fig. 9)



! Remember: over-tensioning of the belt can result in excessive wear on conveyor components such as lacing and bearings.

(Fig. 10)



(Fig. 11)



NOT this side

This side

After the lacing pin is installed in the belt, make sure the belt is centered on pulleys and the vee-guide is down on the sides of the pulley. Start tensioning the belt at the take-up end of the conveyor (end opposite drive). (Fig. 9)

Adjust the belt so it is tight enough to remove excess slack from the belt. Enough tension is needed to ensure that the belt tracks properly and does not slip on the drive roller.

After the belt is adjusted to the proper tension, measure to make sure the pulley is square in the frame before start-up. A way to do this is to measure from the pulley shaft to the end of the frame on both sides of the pulley. Do this on both ends of the conveyor. (Fig. 10)

On the drive end, do not move the side with the motor. Do all adjusting on the opposite side. (Fig. 11)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Tensioning Belt, Con't. For RM, DD, AD Conveyors

Turn off all electrical power to the circuit before making any electrical connections. Failure to follow this instruction may result in fatal injury! DO NOT just switch off the conveyor! Unplug the conveyor, or turn off the main circuit.

! Failure to connect the proper voltages to the equipment may result in personal injury and/or equipment damage !! (Voltage information may be found on the conveyor Serial Plate).

! CAUTION

If for any reason, the electrical work can not be completed and the machine must be left unattended, always lock the main disconnect switch in the "OFF" position. NEVER bypass or route around safety limit switches. Failure to heed this warning may result in personal and/or equipment damage.

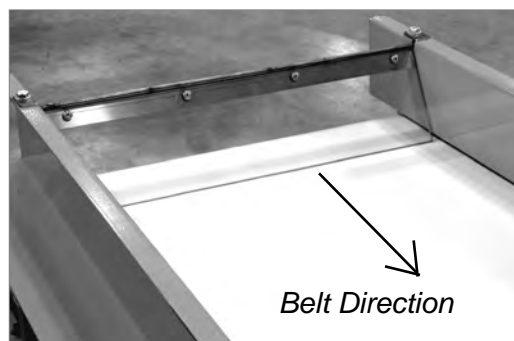
After power is connected to the conveyor, check the direction of rotation. On single-phase conveyors, the direction of rotation is set at the factory. On three-phase, the direction of rotation is determined by the power source supply.

Before turning the conveyor on, remove the end rail flapper. This will prevent damage if the conveyor does not run in the proper direction.

(Fig. 12) Below



Now, quickly turn the switch on and then off, paying close attention to belt direction. If the conveyor is running in the proper direction, replace the end rail flapper. If, however, the conveyor runs in the opposite (wrong) direction, remove the motor box cover and follow directions for reversing the motor. (Fig. 13) Below



Once the motor is reversed and the conveyor has been checked for proper direction, replace the end flapper.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

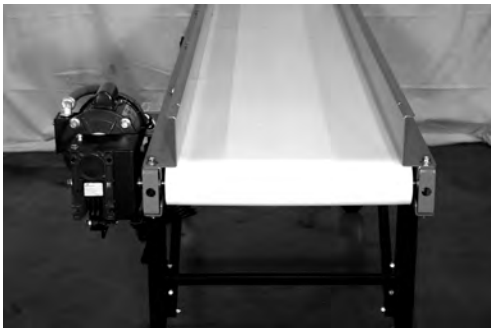
Belt Tracking

Proper belt tracking is very important to the life of the belt. Even conveyors with v-guide have to be monitored for proper belt tracking. If a belt is left to run improperly tracked, the belt can rub against the frame causing damage to the edges of the belt, or cleats can rub against the side rails causing them to break or tear loose from the belt. Also, the v-guide on the back of the belt can be worn or torn from the belt due to improper tracking.



Do not leave foreign articles laying on the conveyor. They could cause injury by distracting or hitting the operator. They could cause the equipment to malfunction by shorting an electrical circuit or jamming the equipment.

(Fig. 14)



Before turning the conveyor on, make sure it is cleared of anyone or anything that might be on the conveyor. Determine the adjustment points on your conveyor. Tracking on the drive end can be accomplished by either tightening or loosening the adjustment opposite the motor.

(Fig. 14)

(Fig. 15)



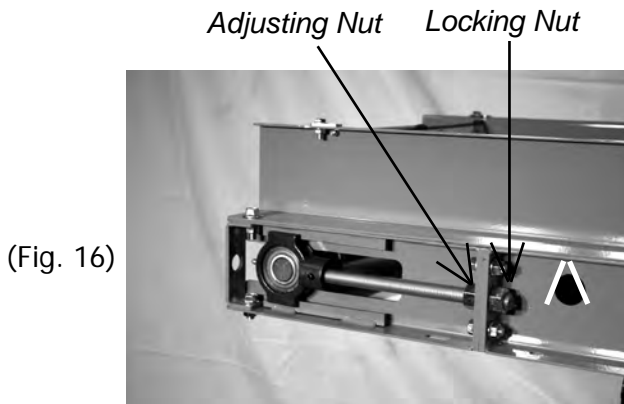
*Shown With Reducer Cover
Guard Removed*

NEVER use the motor side at the drive end for belt tracking. Guard should be kept in place at all times.

(Fig. 15)

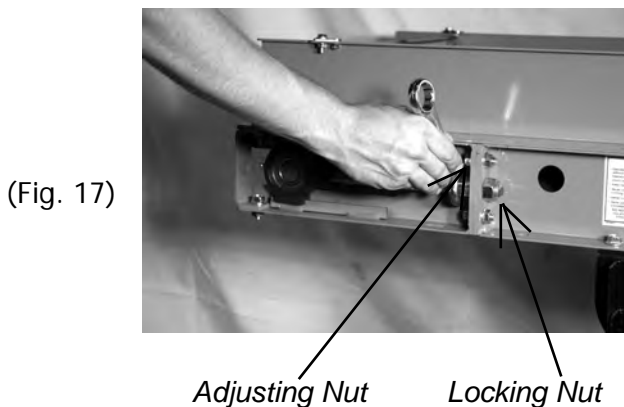
SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Belt Tracking, Con't.



On the tail pulley end (pulley opposite drive end), the belt can be tracked from either side of the conveyor. Belt tension should determine if you track the belt by loosening or tightening the adjusting bolt at this end of the conveyor. Too much belt tension can damage conveyor components. If the belt is running off toward the motor on the drive end, loosen the adjusting bolt to let the belt track back over. If the belt is running toward the opposite side of the motor on the drive end, tighten the adjusting bolt to force the belt back over. (Fig. 16)

The belt is properly tensioned when it will pull a 150# load on the belt without slipping on the drive pulley. This weight limit pertains to an RM conveyor.



ANY adjustment should be done GRADUALLY. If the belt is running off to one side at the tail end of the conveyor, you can either tighten the side that it is running toward to force the belt back over, or loosen the opposite side to let the belt track back over. Again, belt tension will determine which side to adjust. (Fig. 17)

After any adjustments are made for tracking the belt, let the conveyor make 5 to 10 complete revolutions and check the belt again. Slight movement of the belt position is acceptable if there is no continued drift in one direction.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

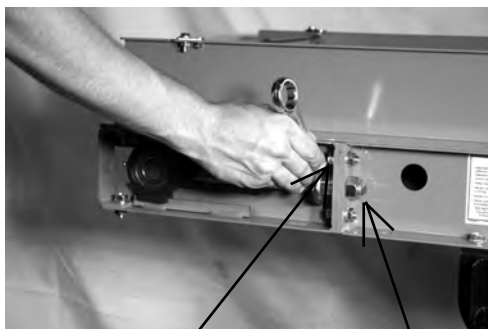
Belt Tracking, Con't.

⚠ WARNING:

NEVER over-tighten the belt. Too much tension will damage conveyor components. In the case of a KKI or KK conveyor, too much tension will cause the belt to pop up out of the transition area.

Belt tracking should be closely monitored for the first day of conveyor operation. Watch for any wear on the belt, such as lacing wearing from rubbing the side rails, or the v-guide trying to crawl up on the pulley. Also, check to make sure that the product you are conveying is compatible, such as; sticking to the belt, getting caught under the rails or between cleats and rails, or under the belt. Product getting caught in the conveyor will damage the belt and conveyor components.

(Fig. 18)



Adjusting Nut

Locking Nut

After the belt has been monitored for proper tracking, tighten the nut on the adjusting rod to lock it into place. (Fig. 18)

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SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

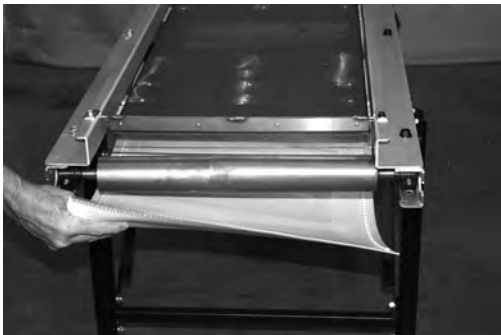
Belt Installation For Steel and Aluminum Trimline Conveyors

It is necessary to ship longer conveyors disassembled due to the length. In this case, the conveyor frames will need to be assembled and the belt will need to be installed and tracked. After the frames are assembled and the legs (if so equipped) are assembled on the conveyor, the belt is ready to be installed.



(Fig. 19)

To install the belt, first remove the take-up slot adjustment cover to expose the take-up adjusting screws. Set the tail or idler pulley all the way into the frame. Do not change the factory setting of the drive pulley. (Fig. 19)



(Fig. 20)

The belt is shipped rolled up and should be placed on a clean surface at the drive end of the conveyor. Remove the lacing pin from the belt lacing. Start feeding the belt through on the underneath side of the conveyor, making sure the topside of the belt is down. (Fig. 20)



(Fig. 21)

For flat and flat-cleated belt Trimline conveyors, make sure the belt is on top of the bottom belt return supports or rollers, and top of the slide tray. (Fig. 21)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Belt Installation, Con't. For Steel and Aluminum Trimline Conveyors

(Fig. 22)



For adjustable angle Trimline conveyors, make sure the belt is under the transition rollers on both the top and bottom of the conveyor.

(Fig. 22 and Fig. 23)

(Fig. 23)



(Fig. 24)

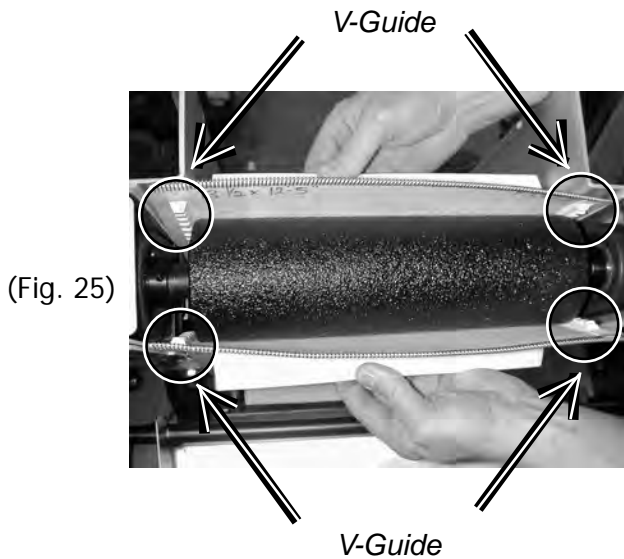


Start at the tail pulley end and feed the belt along the slide bed making sure the belt is under the side rails. Wrap around the drive pulley and feed the belt back on top of the slide trays.

When the leading end of the belt gets back to the tail pulley or idler pulley, the lacing pin is ready to be installed. (Fig. 24)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Belt Installation, Con't For Steel and Aluminum Trimline Conveyors



Make sure the v-guides are aligned. (Fig. 25)



Install the lacing pin. (Fig. 26)



Bend the lacing pin at each end to keep it from working out. The bent portion of the pin should fit in the notched portion of the belt. (Fig. 27)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Tensioning Belt For Steel and Aluminum Trimline Conveyors

(Fig. 28)



! Remember: over-tensioning of the belt can result in excessive wear on conveyor components such as lacing and bearings.

(Fig. 29)



(Fig. 30)



After the lacing pin is installed in the belt, make sure the belt is centered on pulleys and the v-guides are down on the sides of the pulley. Start tensioning the belt at the take-up or tail end of the conveyor. (Fig. 28)

Adjust the belt so it is tight enough (to convey a 25lb weight) and to remove excess slack from the belt. Enough tension is needed to ensure that the belt tracks properly and does not slip on the drive pulley.

After the belt is adjusted to the proper tension, measure to make sure the pulley is square in the frame before start-up. A way to do this is to measure from the pulley shaft to the end of the frame on both sides of the pulley. Do this on both ends of the conveyor. (Fig. 29)

On the drive end of the conveyor, do not move the side with the motor and shaft-mounted reducer. Do all adjusting on the opposite side of the conveyor.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Tensioning Belt, Con't. For Steel and Aluminum Trimline Conveyors

Turn off all electrical power to the circuit before making any electrical connections. Failure to follow this instruction may result in fatal injury! Unplug the conveyor, or turn off the main circuit.

! Failure to connect the proper voltages to the equipment may result in personal injury and/or equipment damage !! (Voltage information may be found on the conveyor Serial Plate).

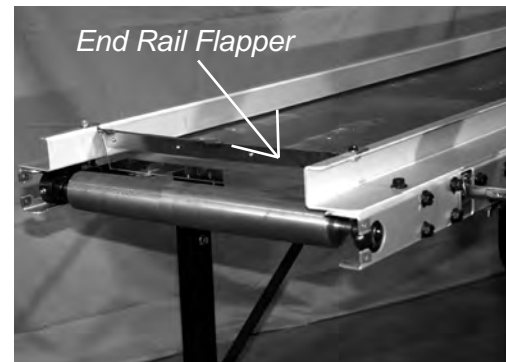
! CAUTION

If for any reason, the electrical work can not be completed and the machine must be left unattended, always leave the main disconnect service locked. NEVER bypass or route around safety limit switches. Failure to heed this warning may result in personal and/or equipment damage.

After power is connected to the conveyor, check the belt direction and/or direction of motor rotation. On single-phase conveyors, the direction of motor rotation is set at the factory. For three-phase motors, the direction of motor rotation is determined by the power source supply.

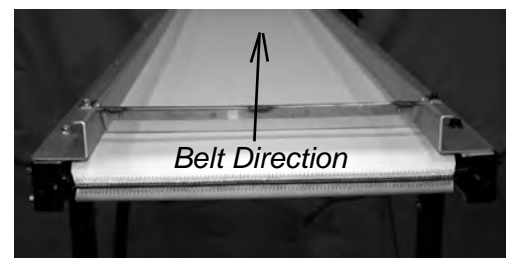
Before turning the conveyor on, remove the end rail flapper. This will prevent damage if the conveyor does not run in the proper direction.

(Fig. 31) Below



(Fig. 31)

Now, quickly turn the switch on and then off, paying close attention to belt direction. If the conveyor is running in the proper direction, replace the end rail flapper. If, however, the conveyor runs in the opposite (wrong) direction, remove the motor box cover and follow directions for reversing the motor. (Fig. 32) Below



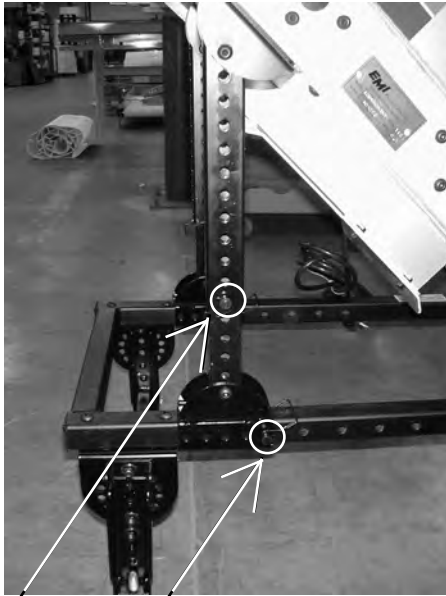
(Fig. 32)

Once the motor is reversed and the conveyor has been checked for proper direction, replace the end flapper.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Model ADK & DDK Conveyor Angle Adjustment

(Fig. 33)



“Adjustment Points”

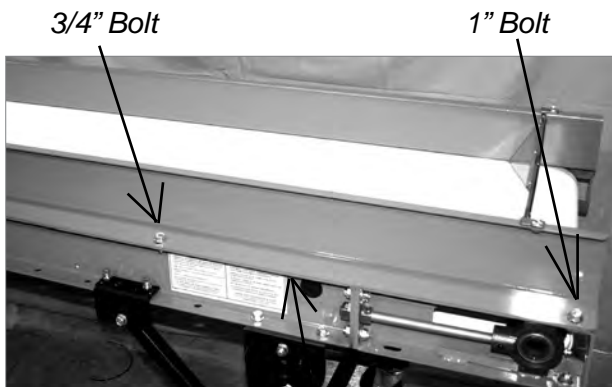
To achieve the many angles of incline on EMI Model ADK and DDK Conveyors, it is necessary to use both the adjustment on the legs and the adjustment slides on the sub-base. Between both adjustment points you should be able to achieve the proper discharge belt height for your application. (Fig. 33)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Rail Installation



(Fig. 34)



(Fig. 35)

Rail Flush with Edge of Frame

Most conveyors come with a set of side rails installed. If, for some reason, the side rails are shipped unattached, you will need to install them. Belt installation is made easier by installing the side rails AFTER the belt is installed. (Fig. 34)

Bolt the side rails to the frame using $\frac{3}{4}$ " long bolts in every hole except the last one at the end of the conveyor. Use 1" long bolts at the end of the conveyor to bolt through the rail, frame, and take-up end bracket on RM Style Conveyors. On standard side rail installation, the edge of the rails should line up with the edge of the frame. (Fig. 35)

After side rails are bolted in place, the end flapper is ready to be installed.

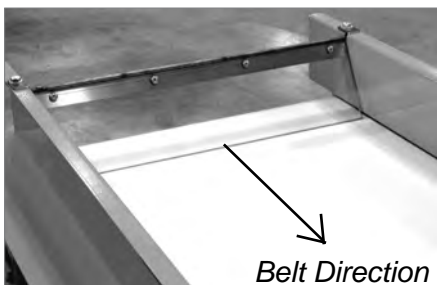


NOTE: DO NOT install end flapper on conveyors equipped with reversing. The end flapper keeps product from rolling or falling out the infeed end of the conveyor.

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Rail Installation

(Fig. 36)



When installing the end flapper, make sure it is installed at the end of the conveyor where the belt is running away from you (infeed end).

(Fig. 36)

(Fig. 37)



The end flapper is equipped with a 1/4" rod extended out past the end of the flapper. Locate the 1/4" slots in the side rails at the infeed end of the conveyor and snap the end flapper into place. It may be necessary to spring the rails apart to snap the flapper into place. (Fig. 37)

(Fig. 38)



Install retaining clips over the end flapper using 1/4" bolts and nuts supplied. (Fig. 38)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Hopper Installation

(Fig. 39)



(Fig. 40)



(Fig. 41)



If the conveyor is equipped with a standard hopper and is shipped with hopper not installed, the hopper will need to be bolted on. (Fig. 39)

Mounting holes for the hopper are usually pre-drilled in the rails at the factory. Simply line the holes in the hopper up with holes in the rails and bolt them into place by using 1/4" bolts supplied. If the rails are not pre-drilled and the hopper needs to be installed, line the back bottom edge of the hopper up with the 1/4" rod on the end flapper and mark holes on the rails. Remove the hopper and drill holes for 1/4" bolts. Install the hopper after all holes have been drilled. (Fig. 40)



NOTE: Back bottom edge of the hopper should line up with the 1/4" rod on the end flapper. (Fig. 41) This will keep the gap between the hopper and end flapper to a minimum.

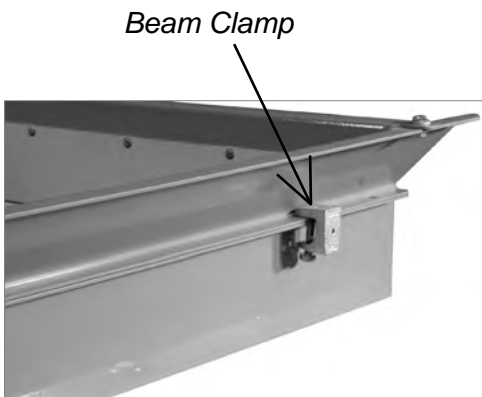
SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Extension Rail Installation



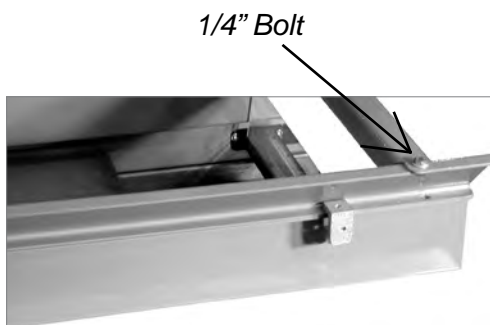
(Fig. 42)

To install extension rails, the conveyor will have to be equipped with standard rails. The extension rails will either bolt or clamp to the top lip of the standard rails. A standard extension rail package consists of a set of rails, and a back rail. They can be clamped or bolted in place, depending on customer preference. (Fig. 42)



(Fig. 43)

Extension rails are designed to keep product on the conveyor by extending the standard side rails. They are normally mounted on the infeed end of the conveyor.



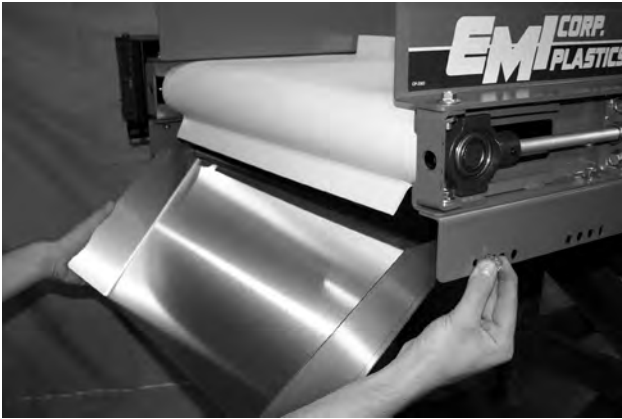
(Fig. 44)

Mount the extension rails to the side rails using the beam clamps supplied. If you choose to bolt the extension rails on, a drill will be required to drill holes for the bolts. (Fig. 43)

After both extension rails are mounted, bolt the back end rail in place using 1/4" bolts supplied. Make sure both the end rail and the end rail flapper line up with each other. The belting on the end rail should come down over the end flapper to close up any gap. (Fig. 44)

SECTION III. ASSEMBLY & INSTALLATION INSTRUCTIONS CON'T.

Discharge Chute Installation



(Fig. 45)

A standard discharge chute consists of two mounting brackets and a discharge chute. The mounting brackets are mounted at the discharge end of the conveyor, one on each side.

(Fig. 45)



(Fig. 46)

Before tightening the bolts, mount the discharge chute in one of the holes in the brackets, whichever works best for your application. Use the 3/8-16 x 1" bolts provided. Tighten up all bolts in the brackets, then adjust the chute to desired location and tighten bolts to lock the chute into place. (Fig. 46)

SECTION IV. ELECTRICS



(Fig. 47)

CAUTION

Before working on any electrical circuits, panels, or motors, turn the equipment main disconnect device or Manual Starter "OFF", lock it when applicable, or remove power cord from receptacle.

CAUTION

Failure to follow this instruction may result in death or serious personal shock injury!



Refer to the serial plate on the conveyor for suitable power sources. (Fig. 47) Make sure the power switch is in the "off" position before connecting the power. For conveyors that require 110 volt single-phase, a power cord and three-prong plug are provided. For 220 volt single-phase, customer must supply a plug. On all three-phase applications, customer must supply cord and plug, or hard-wire into the power switch. Check to make sure all power connections meet National and Local electrical codes.

SECTION V. PREVENTATIVE MAINTENANCE

IMPORTANT: Preventative Maintenance Performed Regularly Will Ensure Continued Operation of Your Conveyor



CAUTION

When working on any component, always be sure it is safely positioned; for example, on a sturdy workbench. **NEVER** work on a component while it is hanging from a crane or other lifting mechanism. Fatal injury may occur if the previously mentioned instructions are not completely followed.

Conveyor Belt

Observe the condition of the belt, look for excessive wear on the top and sides of the belt. Make sure there are no parts (particularly non-moving parts) that are causing the belt to wear. Check the condition of the lacing and remove any broken staples. Excessive staple breaks often indicate too much belt tension. Use caution when removing broken staples, as they may be sharp.

Cleaning:

To clean belt surfaces, use a mild cleaning solution. We recommend our EMI BC-16 Belt Cleaner.



NOTE: Before applying any solution to the belt, check to be sure that it does not affect the material of the belt by trying it on a small area first.

The running conditions of the conveyor will determine how often you should remove the belt to clean the slide beds, and the back of the belt. If oil, water, or other foreign matter gets between the belt and the slide bed, it should be cleaned off immediately. Any kind of liquid under the belt will create suction and will cause more stress to be put on the drive components, such as the motor and reducer. This will diminish the life of the components.

While cleaning and inspecting the belt, it is also a good time to check for cleat damage, (if equipped with cleats).

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

Conveyor Belt, Con't.

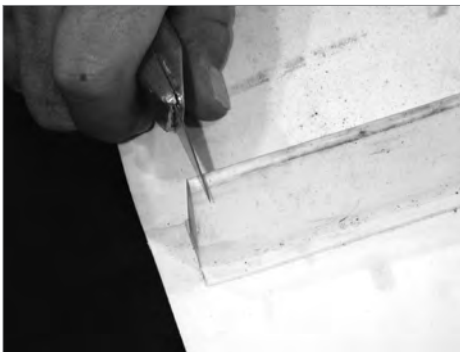
(Fig. 48)



(Fig. 49)



(Fig. 50)



If the belt has been removed for cleaning, (Fig. 48), inspect the v-guide (if so equipped) for excessive wear, and to insure that it is not coming loose from the belt. If the v-guide is showing excessive wear, it is a good indication that the belt is not tracked properly. If the v-guide is coming off the belt, (Fig. 49), a new belt is recommended. If cleats are breaking or tearing loose, check to make sure they are not rubbing on the side rails or catching on any part of the conveyor.

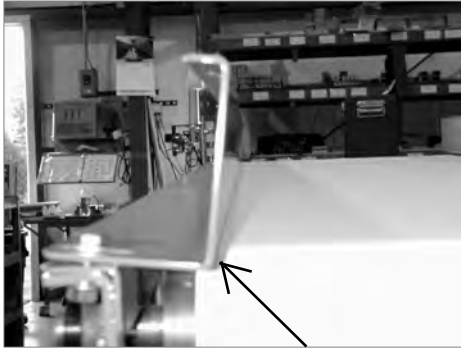
If cleats are rubbing on the side rails, there are three different ways to remedy the problem.

- ◆ Make sure the belt is properly tracked.
- ◆ If belt is properly tracked and cleats are still rubbing the side rails, the rails can be adjusted out away from the cleats.
- ◆ When belts are replaced in the field on a Model KK, KKI, DDK, ADK, or TLK conveyor, the cleats may have to be trimmed back if factory settings for the rails have been changed. (Fig. 50)

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

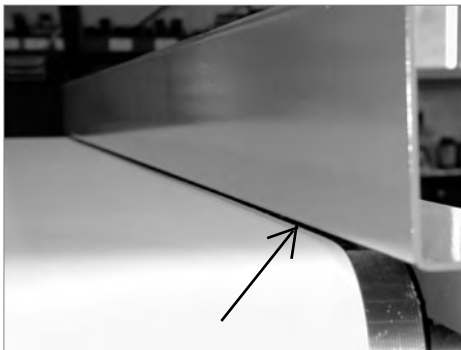
Conveyor Belt, Con't.

(Fig. 51)



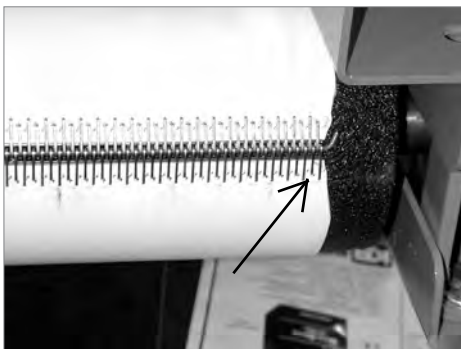
Maintain space between the bottom of the side rails and the top of the belt. If the side rails get bent down onto the belt, they will cause undue stress on the drive components. (Fig. 51)

(Fig. 52)



Be sure the belt slides under the side rails freely (Fig. 52). Rails can get bent down onto the belt from people stepping on them, or sitting something heavy on them. If a side rail should happen to get bent down against the belt, you should be able to bend the rail back up off of the belt.

(Fig. 53)



Check the outside portion of the lacing on both edges of the belt for wear. If the side rail is bent down, the lacing will start to show wear. (Fig. 53)

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

Bearing Removal - RM Conveyor

(Fig. 54)



The take-up bearings are self-aligning, pre-lubricated, ball bearing type. Lubrication is only required approximately every 10 weeks under 24-hours-a-day operation. They should be lubricated with #2 consistency lithium-base grease (or compatible) that is suitable for ball bearing service. Grease should be added slowly and in small amounts so as not to damage the shields on the bearings. (Fig. 54) If the shield should get damaged from over-greasing, dirt can enter the bearing, thus greatly reducing the life of the bearing.

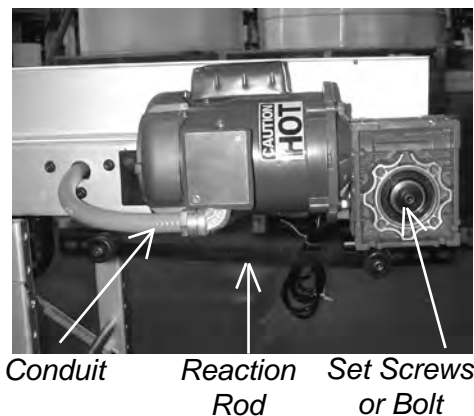
(Fig. 55)



Bearing Replacement

If a bearing should fail and a replacement needed, first (if possible) run the conveyor and stop it so the lacing is on the pulley that needs to come out. (Fig. 55)

(Fig. 56)



First, make sure power is disconnected from the conveyor. Remove all guards from the reducer (if so equipped). Loosen set screws in collars on both sides of the reducer (if so equipped). Or, remove the bolt from the end of the pulley shaft. Disconnect conduit and wires from the motor. Disconnect reaction rod from the bottom of the reducer. (Fig. 56) Slide the reducer and motor off the shaft. Now the pulley is ready to be removed from the frame.

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

Bearing Removal - RM Conveyor, Con't

(Fig. 57)



Remove the end take-up brackets. Remove the collars on both bearings by loosening the setscrew and tapping the collar with a punch and hammer in the hole provided. (Fig. 57) Tap the collar in the direction opposite to normal shaft rotation. Now remove the back-locking nut on both bearings and slide the pulley out.

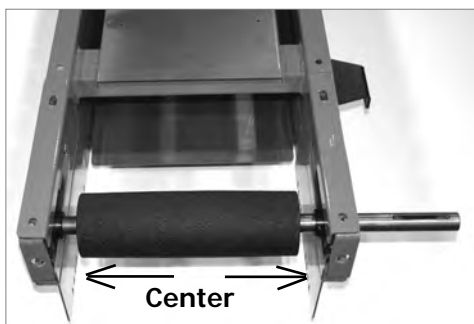
Use extreme care when removing the pulley from the frame as some pulleys can be very heavy, especially wide v-guided pulleys.

(Fig. 58)



Put the pulley on a work bench and pull the bearing off the shaft. Inspect the shaft for any damage. In some cases if there is too much tension on the belt, the bearing will lock up and the shaft will start turning in the bearing. Eventually, the shaft will wear completely through. If the shaft shows any wear, it is recommended that you replace the pulley. (Fig. 58)

(Fig. 59)



Bearing Installation

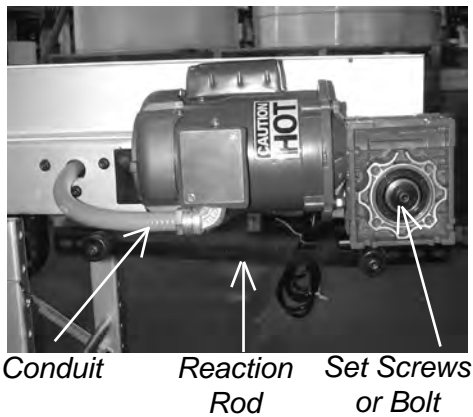
When installing a bearing, reverse the procedures for removal listed above. Make sure the pulley is centered in the frame before installing collars. Tap the collars in the direction of shaft rotation. Make sure all bolts, nut and setscrews are tight.

(Fig. 59)

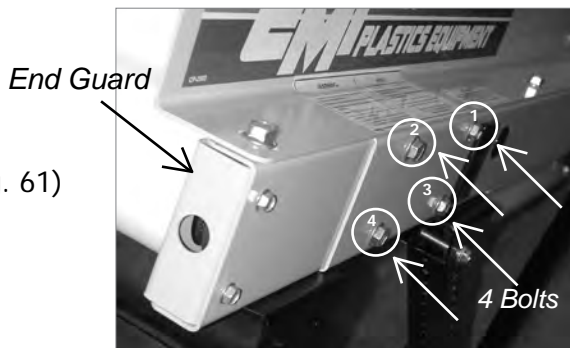
SECTION V. PREVENTATIVE MAINTENANCE CON'T.

Bearing Removal - ADK & DDK Conveyors

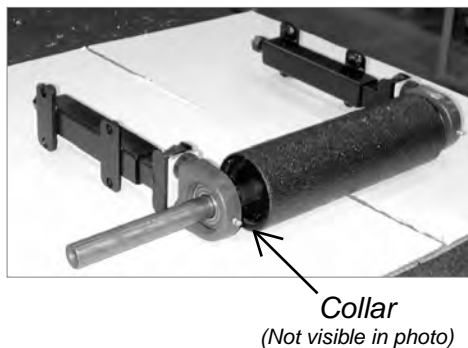
(Fig. 60)



(Fig. 61)



(Fig. 62)



The reducer will have to be removed from the shaft of the drive pulley before the bearing can be changed.

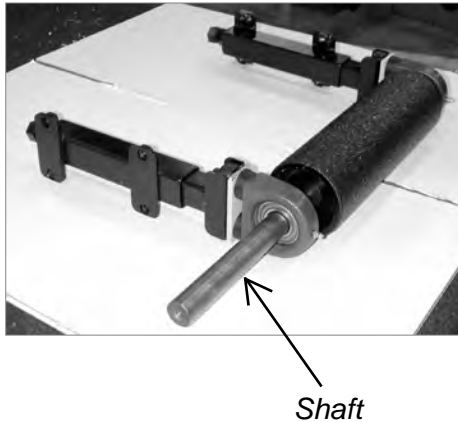
First, make sure power is disconnected from the conveyor. Remove all guards from the reducer (if so equipped). Loosen set screws in collars on both sides of the reducer (if so equipped). Or, remove the bolt from the end of the pulley shaft. Disconnect conduit and wires from the motor. Disconnect reaction rod from the bottom of the reducer. (Fig. 60) Slide the reducer and motor off the shaft. Now the pulley is ready to be removed from the frame.

Remove the end guards from the frame. Next, remove the four bolts from each side that holds the bearing brackets to the frame. (Fig. 61) After all bolts are removed, slide the pulley out of the frame. Remove the collars on both bearings by loosening the set screw and tapping the collar with a punch and hammer in the hole provided. (Fig. 62) Tap the collar in the direction opposite to normal shaft rotation.

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

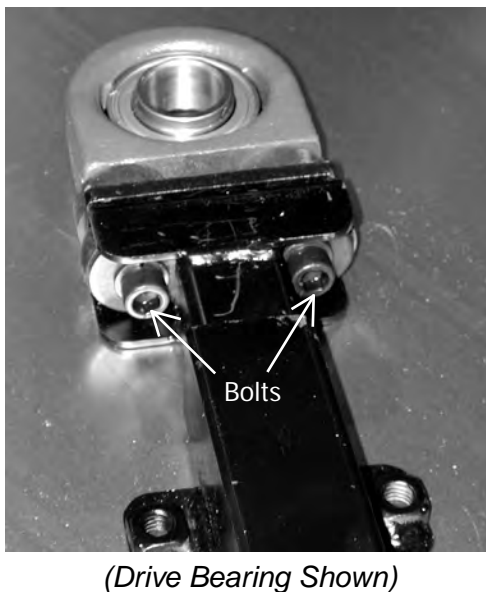
Bearing Removal - ADK & DDK Conveyors, Con't.

(Fig. 63)



Slide bearings off the shaft and inspect it for any wear. (Fig. 63) If the shaft shows any wear as far as grooves being worn in the shaft from turning in the bearing, it is recommended that you replace the pulley.

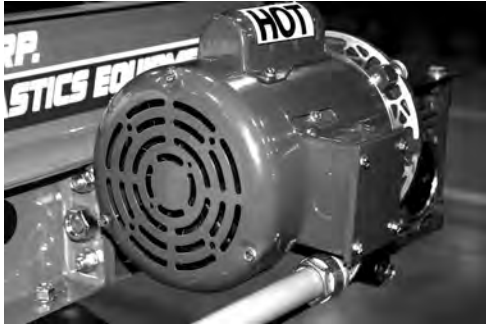
(Fig. 64)



Remove the two bolts that hold the bearing to the bracket. (Fig. 64) Bolt the new bearing to the bracket and install back onto the pulley. Make sure the pulley is centered in the frame before the collars are locked on the shaft of the pulley.

SECTION V. PREVENTATIVE MAINTENANCE CON'T.

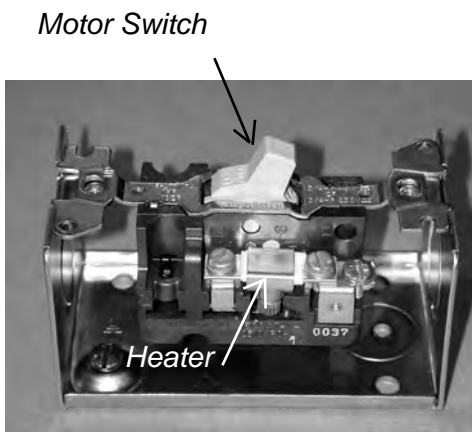
(Fig. 65)



Motor

The standard motor is TEFC (Totally Enclosed Fan Cooled). The TEFC motor must have all dust and dirt blown out of the fan periodically to prevent poor air circulation. (Fig. 65)

(Fig. 66)

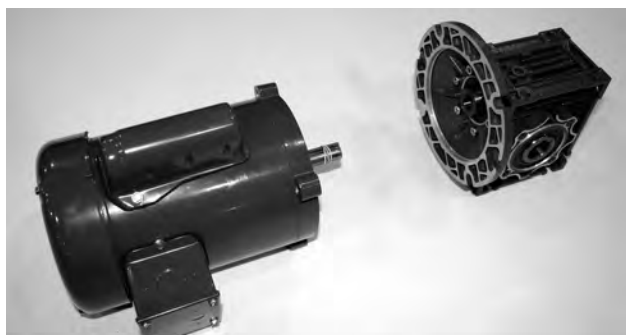


Good air circulation around all motors is required to prevent overheating. The motor uses Class B insulation. Temperature will not affect the life of the motor as long as the electrical current to the motor does not exceed the nameplate rating. This is a standard industrial-use motor. The motor is protected with a current-sensitive heater in the motor starter that shuts the conveyor off if the motor becomes too hot. If the heater in the switch should trip, push the switch to the "off" position to reset, and turn the switch back on. This only pertains to an FG-5 or FG-6 switch. (Fig. 66)

WARNING:

When the equipment is installed, be sure that the motors rotate in the proper indicated direction. Failure to follow this caution could result in personal injury or equipment damage.

SECTION V. PREVENTATIVE MAINTENANCE CON'T.



(Fig. 67)



(Fig. 68)

Motor Installation

Instructions for Flanged Models

1. Assemble the key to the motor shaft and coat the shaft with anti-seize compound. Insert the motor shaft into the reducer input shaft. (Fig. 67)
2. Rotate the motor to proper position and firmly secure to flange with four hex-head capscrews. (Fig. 68)

⚠ CAUTION

If motor does not readily seat itself, check to determine if key has moved axially along motor shaft, causing interference. Staking of the keyway adjacent to the motor key will facilitate this procedure.

SECTION VI. TROUBLESHOOTING

PROBLEM: Drive pulley turning, but belt is not

SOLUTION:

- ◆ Part caught in belt - (remove parts)
- ◆ Lagging on pulley, if equipped, worn out – (replace lagging)
- ◆ Belt too loose – (tighten belt)
- ◆ Side rails bent down on belt – (straighten side rails)
- ◆ Cleats, if equipped, rubbing on side rails – (adjust side rails out)
- ◆ Water or oil between belt and slide bed creating a suction - (clean slide bed and back of belt)

PROBLEM: Motor running but drive pulley not turning

SOLUTION:

- ◆ Key in shaft of motor missing – (replace key)
- ◆ Internal gears in reducer broken – (rebuild or replace reducer)
- ◆ Shaft on drive pulley broken – (replace drive pulley)

PROBLEM: Idler roller not turning when belt is running

SOLUTION: (Bushing Style)

- ◆ Dirt in idler roller – (remove shaft, clean and lubricate)
- ◆ Idler roller or shaft bent – (replace shaft or roller)
- ◆ Bushings in idler roller bad - (replace bushings)

SOLUTION: (Ball Bearing Style)

- ◆ Bearing worn out (replace idler roller)
- ◆ Idler roller bent – (replace idler roller)

SECTION VI. TROUBLESHOOTING

PROBLEM: Motor won't run

SOLUTION:

- ◆ Switch off – (turn switch on)
- ◆ Thermal overload tripped – (reset and turn on)
- ◆ Supply power disconnected – (reconnect power)
- ◆ Bad motor – (replace motor)
- ◆ Bad wiring – (check wires and connections)

PROBLEM: Conveyor runs for awhile and then stops (Thermal Protection tripping due to overload)

SOLUTION:

- ◆ Heater in switch too small for motor – (check heater and replace if the wrong size)
- ◆ Motor pulling too much current – (remove overload, such as excessive belt drag or tension. Remove anything that might be caught in the belt)
- ◆ Motor going bad – (replace motor)

PROBLEM: Conveyor belt running off to the side

SOLUTION:

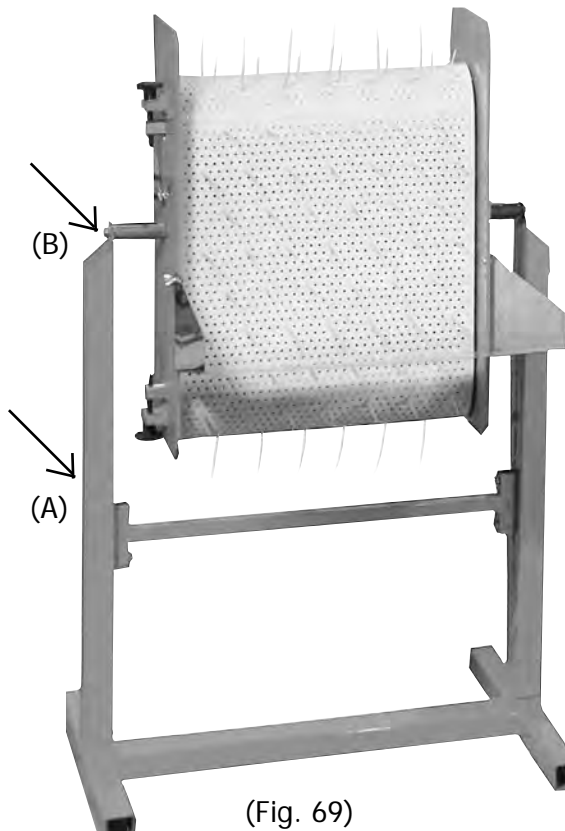
- ◆ Belt needs tracked – (re-track belt)
- ◆ Vee-guide, if equipped, wearing or coming off – (replace belt)
- ◆ Not enough belt tension – (increase tension slightly and re-track belt)

SECTION VII. SL-18 FINGER SEPARATORS

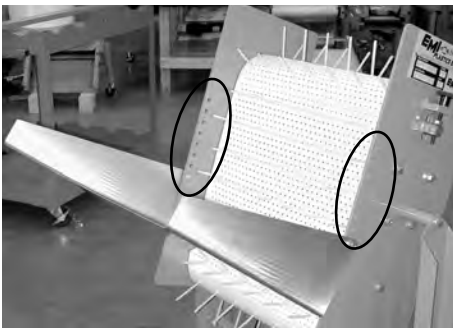
- Freestanding -

⚠ WARNING:

Disconnect separator from power source before making any adjustments!



(Fig. 69)

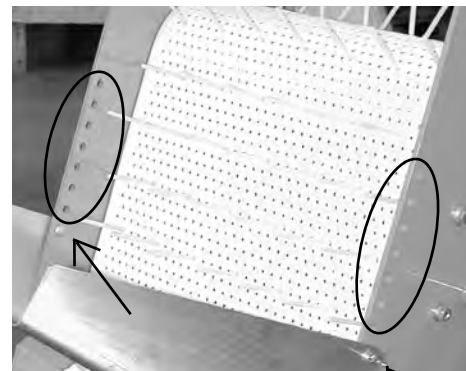


(Fig. 70)

NOTE: All separators should be connected to suitable earth ground wires. This is normally done through the plug connection. For this reason, 3-wire and 2-wire adapters are not recommended.

The SL-18 freestanding finger separator is supplied with its own stand so it can be used in a wide range of applications. The separator can be raised or lowered by adjusting the support arms on the stand. (Fig. 69-A) It can be rotated by loosening the bolts that attach the support spacers to the support arms. (Fig. 69-B) Simply loosen the bolt on both sides, pivot the separator to the desired angle, and retighten the bolts.

The infeed chute is adjustable by removing the bolts and positioning in a different set of holes, either up or down. (Fig. 70) After all adjustments have been made, tighten all bolts securely.



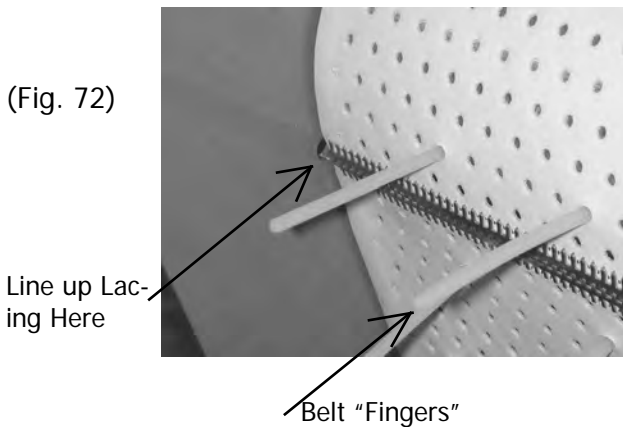
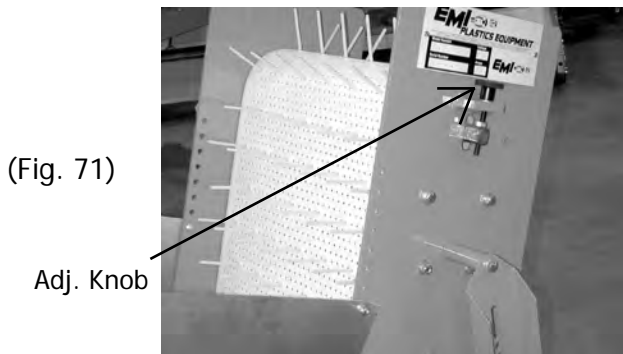
(Fig. 70) Enlarged

SECTION VII. SL-18 FINGER SEPARATORS

- Freestanding - (Con't)

! WARNING:

Disconnect separator from power source before making any adjustments!



Changing Finger Pattern on the Belt

To change the finger pattern on the belt, remove the belt by loosening the top adjusting knob on each side. (Fig. 71)

Line the lacing up with the hole in the frame by sliding the belt around until the lacing lines up with the hole. (Fig. 72) Pull the lacing pin out. Push the finger out the backside of the belt and move it to another location by pushing the finger back through the belt. After all fingers have been installed in the desired location, install the belt back onto the separator. (See next page)

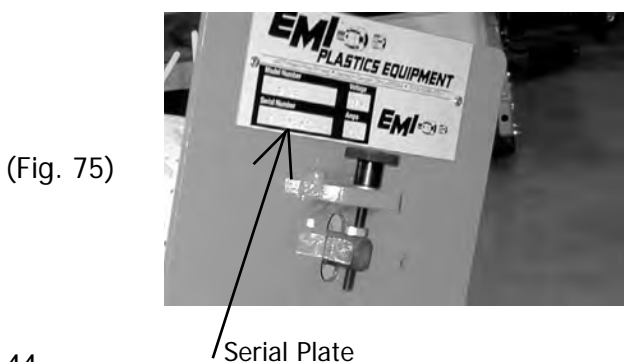
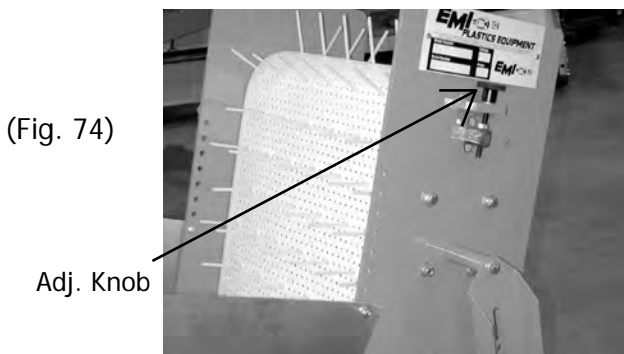
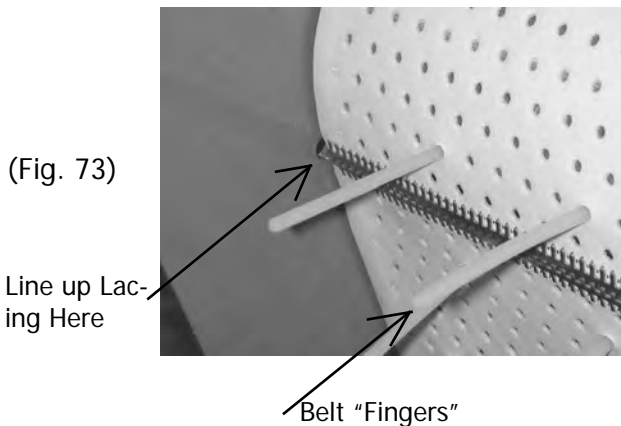
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SECTION VII. SL-18 FINGER SEPARATORS

- Freestanding - (Con't)

! WARNING:

Disconnect separator from power source before making any adjustments!



To install belt back on separator, begin by lining lacing up at hole so lacing pin can be installed. (Fig. 73) Tighten top knob on both sides of separator to tighten belt. (Fig. 74) The belt should be fairly taut, as this helps keep the fingers rigid.

Measure from the top edge of the frame down to the belt on one side and set the other side to this measurement. This will be a good starting point for belt tracking. Run the separator for about 10 to 15 revolutions and check belt tracking. If the belt is running to one side, tighten that side or loosen the opposite side to let the belt come back over to center. Pay close attention to belt tension to determine which way to adjust the tracking. Too much tension on the belt can damage the belt, and cause excessive wear to bearings.

Now the separator is ready to be connected to a suitable power source (check necessary voltage on the Serial Plate, Fig. 75)

SECTION VII. SL-18 FINGER SEPARATORS

SL-18 FINGER SEPARATOR OPERATING & MAINTENANCE

General Information:

This section has been specifically prepared to familiarize personnel with the design, operation and maintenance of the SL-18 finger separating equipment. Careful consideration should be given to all the information herein to ensure proper performance of your separating equipment.

Personal Safety Precautions:

In order to protect you and others from injury, read and observe the instructions found in this manual, as well as the following safety precautions:

- A. Be sure only qualified personnel trained to work on this type of equipment perform any of the required assembly or maintenance.
- B. The equipment you have purchased should be treated as moving equipment. Should adjustments or preventative maintenance be required, turn the separator OFF and disconnect all electric power before performing these functions.
- C. Maintain all guards as they are initially installed.
- D. Any replacement parts used should come from EMI to ensure safety and prevent mechanical problems.
- E. Preventative maintenance helps keep equipment safer and operating longer.

Unpacking The Separator:

- A. Most separators arrive in your factory fully assembled. It is a matter of uncrating the separator and checking to make sure no damage occurred during shipment.
- B. Make sure the proper personnel is given and keeps the Instructions and Parts Manual for reference.

SECTION VII. SL-18 FINGER SEPARATORS

SL-18 FINGER SEPARATOR MAINTENANCE & TROUBLESHOOTING

**IMPORTANT: Preventative Maintenance Performed Regularly Will
Ensure Continued Operation of Your Conveyor**



WARNING:

Disconnect separator from power source before making any adjustments!

Gearmotor:

The standard SL-18 finger separator comes equipped with a gear motor (motor and gear reducer made as one unit). It is lubricated at the factory while being assembled, and should need no lubrication as long as it is properly mounted with the breather hole UP. The standard AC gear motor supplied on the 40 FPM and the 60 FPM units have an on/off switch with thermal protection supplied. The DC gear motor supplied on the 100 FPM variable speed unit comes with a DC controller. All power supply is to be 115/60/1 voltage with suitable earth ground.

Bearings:

All bearings are sealed and assembled in the pulleys as they are being manufactured. The bearings will need no lubrication.

Chain and Sprockets:

A. Lubrication:

SAE 30 to 40 weight oil should be applied periodically with a brush or spout can. Volume and frequency should be sufficient to prevent discoloration of lubrication in chain joints.

B. Tension and Alignment:

Periodically check sprocket alignment and readjust if required. As the chain wears, chain tension will have to be readjusted. The chain sag in the center should be approximately 2% of the center distance. For a 12" center, the distance the chain should sag is about ¼". The sag should be maintained to get optimum life out of the chain and the sprockets.

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SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADF CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

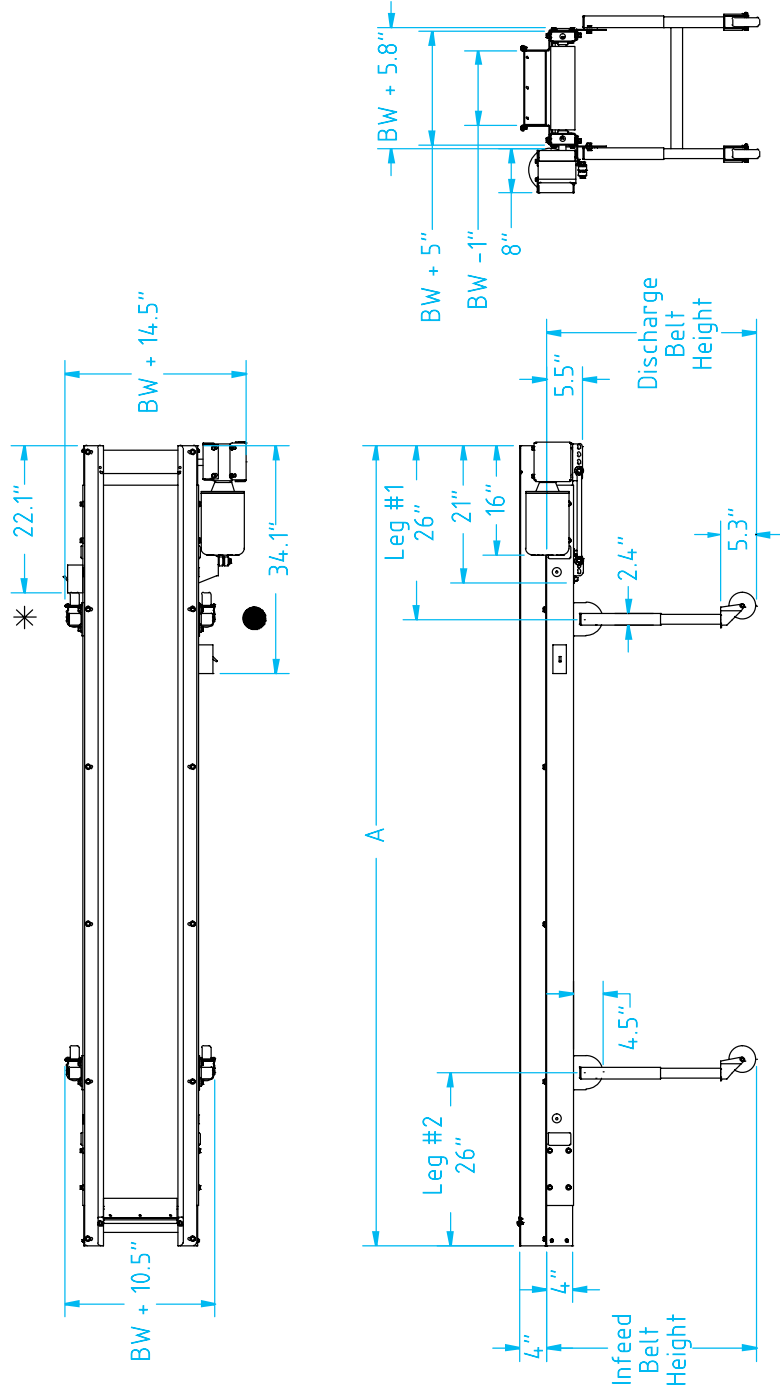
ADF CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

● Standard starter position (specify if other location).

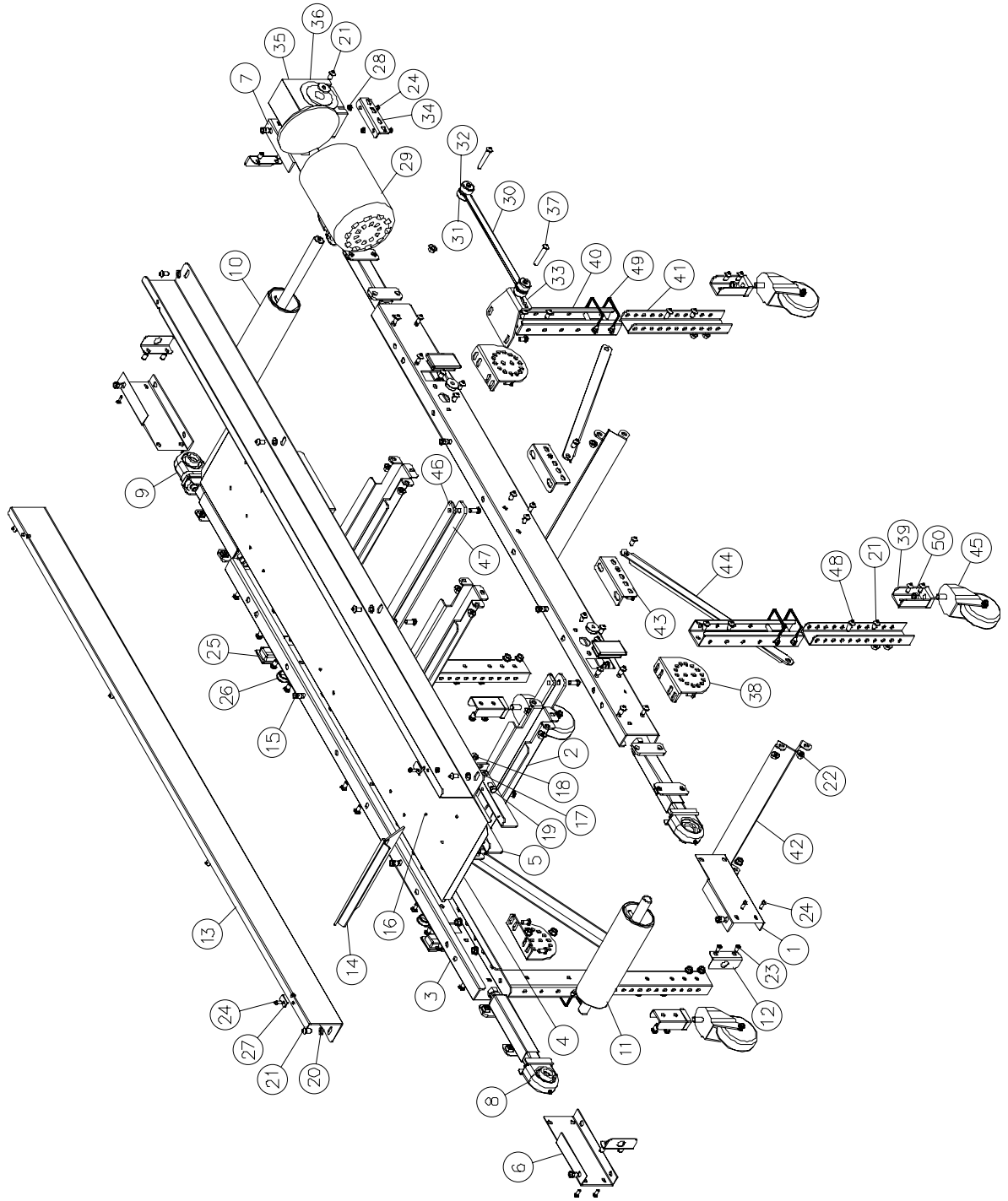
* Starter position for 8' or shorter conveyors

Leg set #1 will be located under drive package for 3'-6" long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADF CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADF CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	2	RH PULLEY GUARD
2	3	CROSS BRACE
3	2	FRAME SIDE
4	1	SLIDE TRAY
5	4	SLIDE TRAY END SUPPORT
6	1	LH PULLEY GUARD
7	1	DRIVE SIDE PULLEY GUARD
8	2	TAKE-UP ASS'Y
9	2	DRIVE END TAKE-UP ASS'Y
10	1	DRIVE PULLEY
11	1	TAIL PULLEY
12	4	BEARING COVER
13	2	SIDE RAIL
14	1	FLAPPER
15	8	3/8-16 HEX NUTSERT
16	20	RIVET
17	4	3/8 WASHER
18	4	3/8-16 HEX NUT
19	4	3/8-16 X 3/4 HEX BOLT
20	8	3/8 FLAT WASHER
21	85	3/8-16 X 3/4 BUTTON HD CAP SCREW
22	70	3/8-16 HEX NUT
23	8	1/4-20 HEX NUTSERT
24	12	1/4-20 X 3/4 BUTTON HD CAP SCREW
25	4	PLASTIC PLUG

ITEM	QTY	PART DESCRIPTION
26	4	PLASTIC PLUG
27	2	FLAPPER CLIP
28	4	1/4-20 HEX NUT
29	1	MOTOR
30	1	REACTION ROD
31	4	3/8 FLAT WASHER (FENDER)
32	2	RUBBER MOUNT
33	1	REACTION ROD BRACKET
34	1	REACTION ROD BRACKET
35	1	GEAR BOX
36	1	3/8 FLAT WASHER (FENDER)
37	2	3/8-16 X 2-1/2 BUTTON HD CAP SCREW
38	4	LEG MOUNTING BRACKET
39	4	LEG ADAPTOR
40	4	LEG EXTENSION
41	4	LEG
42	2	LEG EXTENSION CROSS BRACE
43	4	KNEE BRACE BRACKET
44	4	KNEE BRACE
45	4	CASTOR
46	2	IDLER
47	2	IDLER
48	8	3/8-16 X 1 BUTTON HD CAP SCREW
49	8	CLIP PIN
50	4	1/2-13 JAM NUT

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADC CONVEYOR - ASSEMBLED VIEW



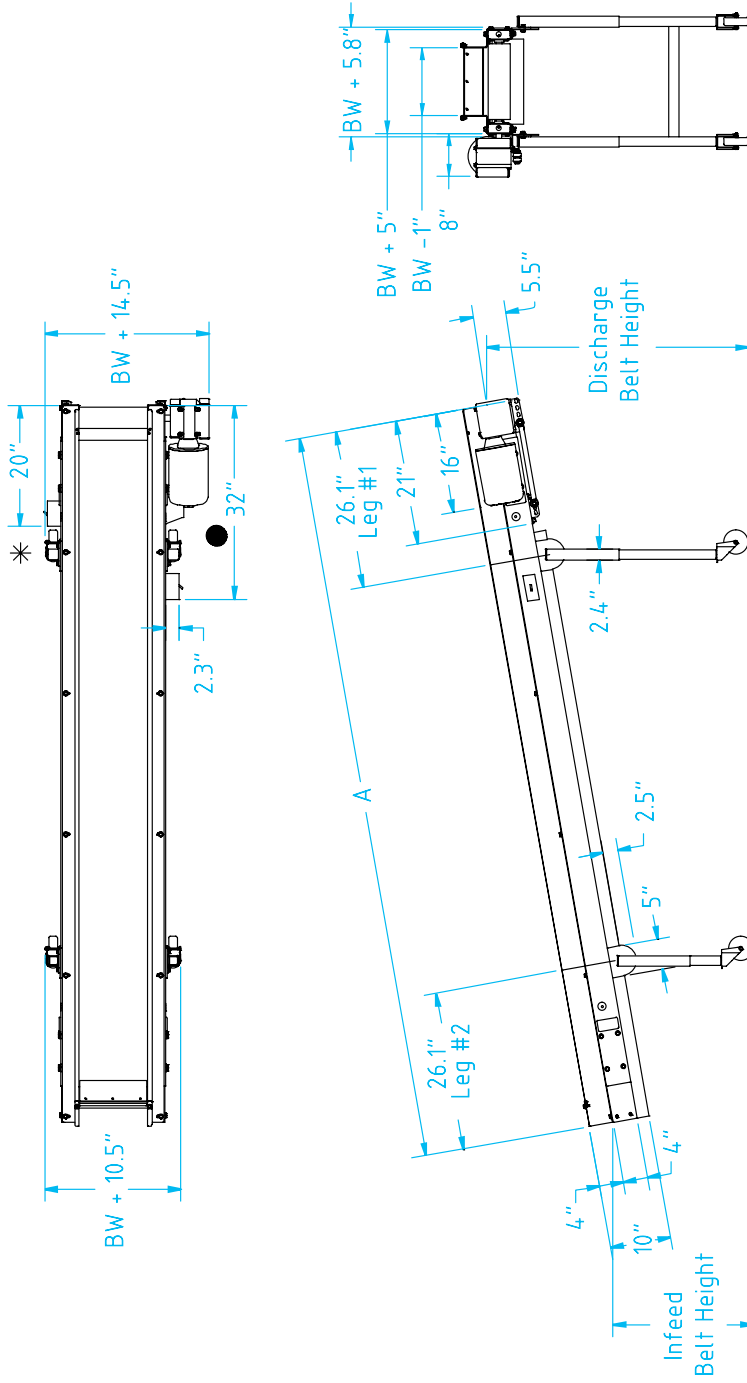
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADC CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

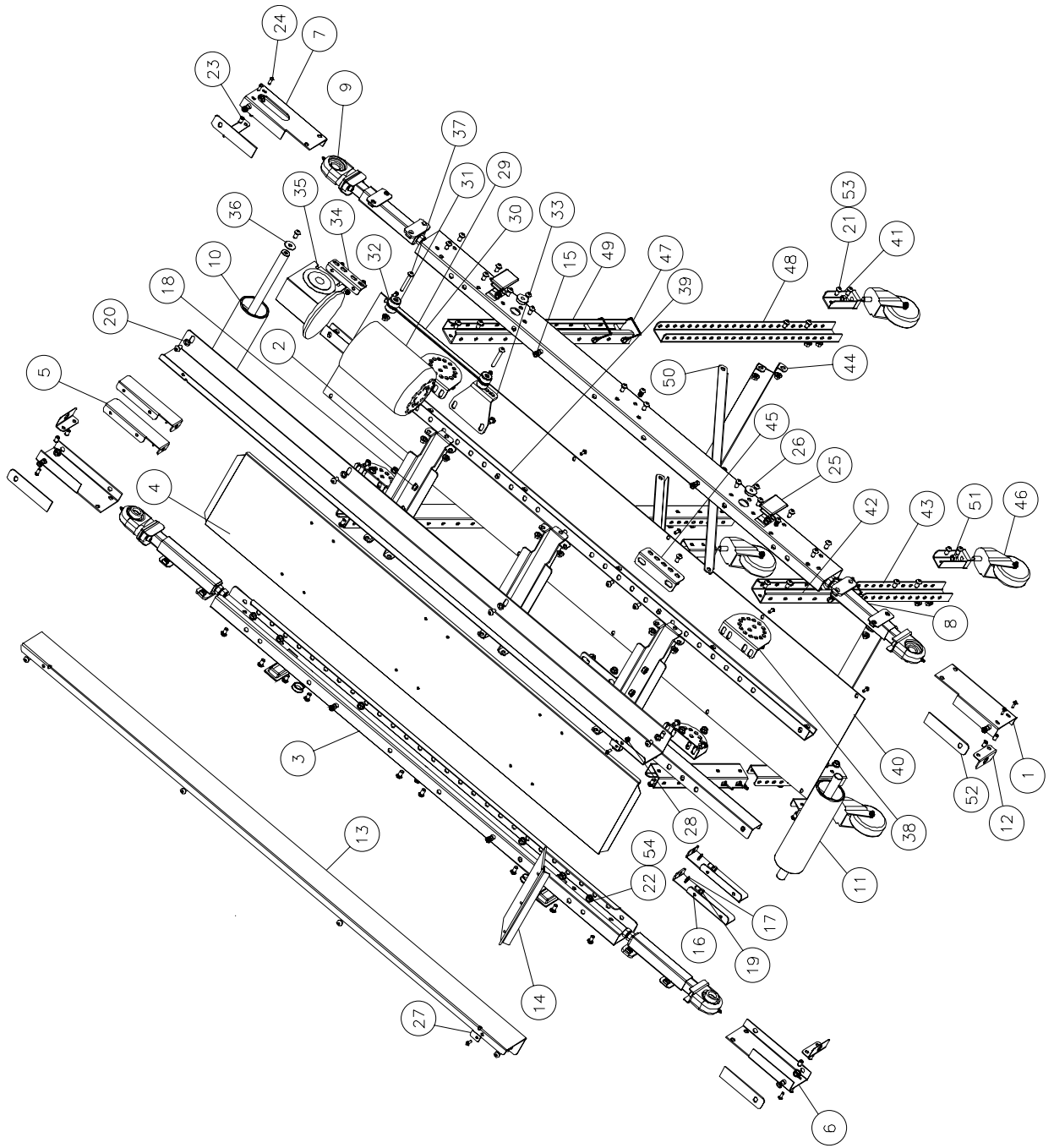
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.

Leg set #1 will be located under drive package for 3'-6' long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADC CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADC CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	2	RH PULLEY GUARD
2	3	CROSS BRACE
3	2	FRAME SIDE
4	1	SLIDE TRAY
5	4	SLIDE TRAY END SUPPORT
6	1	LH PULLEY GUARD
7	1	DRIVE SIDE PULLEY GUARD
8	2	TAKE UP ASS'Y
9	2	DRIVE END TAKE UP ASS'Y
10	1	DRIVE PULLEY
11	1	TAIL PULLEY
12	4	BEARING COVER
13	2	SIDE RAIL
14	1	FLAPPER
15	8	3/8-16 HEX NUTSERT
16	20	RIVET
17	4	3/8 WASHER
18	4	3/8-16 HEX NUT
19	4	3/8-16 x 3/4 HEX BOLT
20	8	3/8 FENDER WASHER
21	89	3/8-16 x 3/4 BUTTON HEAD CAP SCREW
22	66	3/8-16 HEX NUT
23	8	1/4-20 HEX NUTSERT
24	24	1/4-20 x 3/4 BUTTON HEAD CAP SCREW
25	4	PLASTIC PLUG
26	4	PLASTIC PLUG
27	2	FLAPPER CLIP

ITEM	QTY	PART DESCRIPTION
28	16	1/4-20 HEX NUT
29	1	MOTOR
30	1	REACTION ROD
31	4	3/8 FLAT WASHER (FENDER)
32	2	RUBBER MOUNT
33	1	REACTION ROD BRACKET
34	1	REACTION ROD BRACKET
35	1	GEARBOX
36	1	3/8 WIDE FLAT WASHER
37	2	3/8-16 x 2-1/2 BUTTON HEAD CAP SCREW
38	4	LEG MOUNTING BRACKET
39	2	BOTTOM BELT GUARD SIDE
40	1	BOTTOM BELT TRAY
41	4	LEG ADAPTOR
42	2	LEG EXTENSION
43	2	LEG
44	2	LEG EXTENSION CROSS BRACE
45	2	KNEE BRACE BRACKET
46	4	CASTOR
47	8	CLIP PIN
48	2	LEG
49	2	LEG EXTENSION
50	2	KNEE BRACE
51	4	1/2-13 JAM NUT
52	4	TAIL SPACER
53	2	3/8-16 x 3/4 BUTTON HEAD CAP SCREW
54	2	3/8-16 HEX NUT

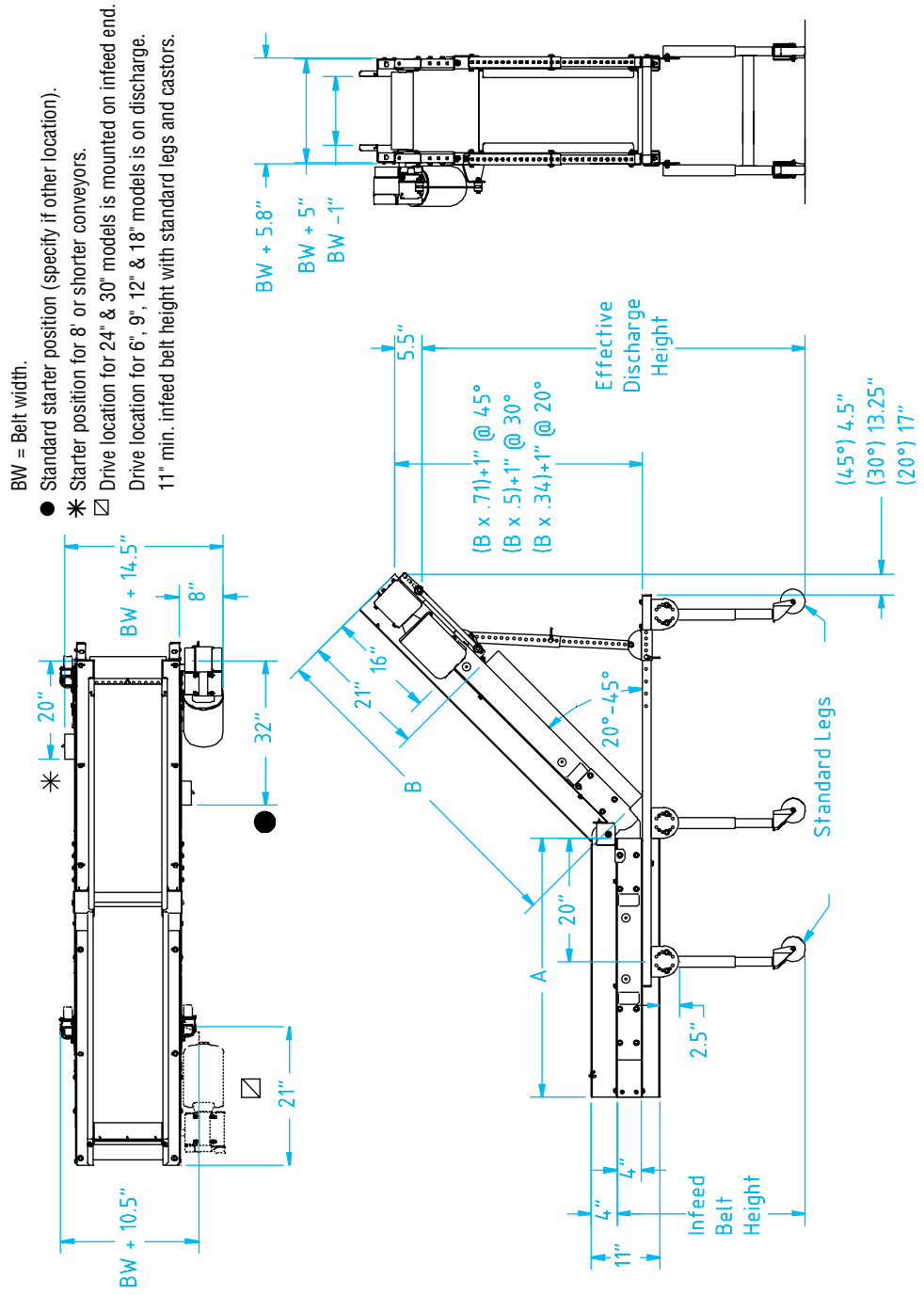
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADK CONVEYOR - ASSEMBLED VIEW



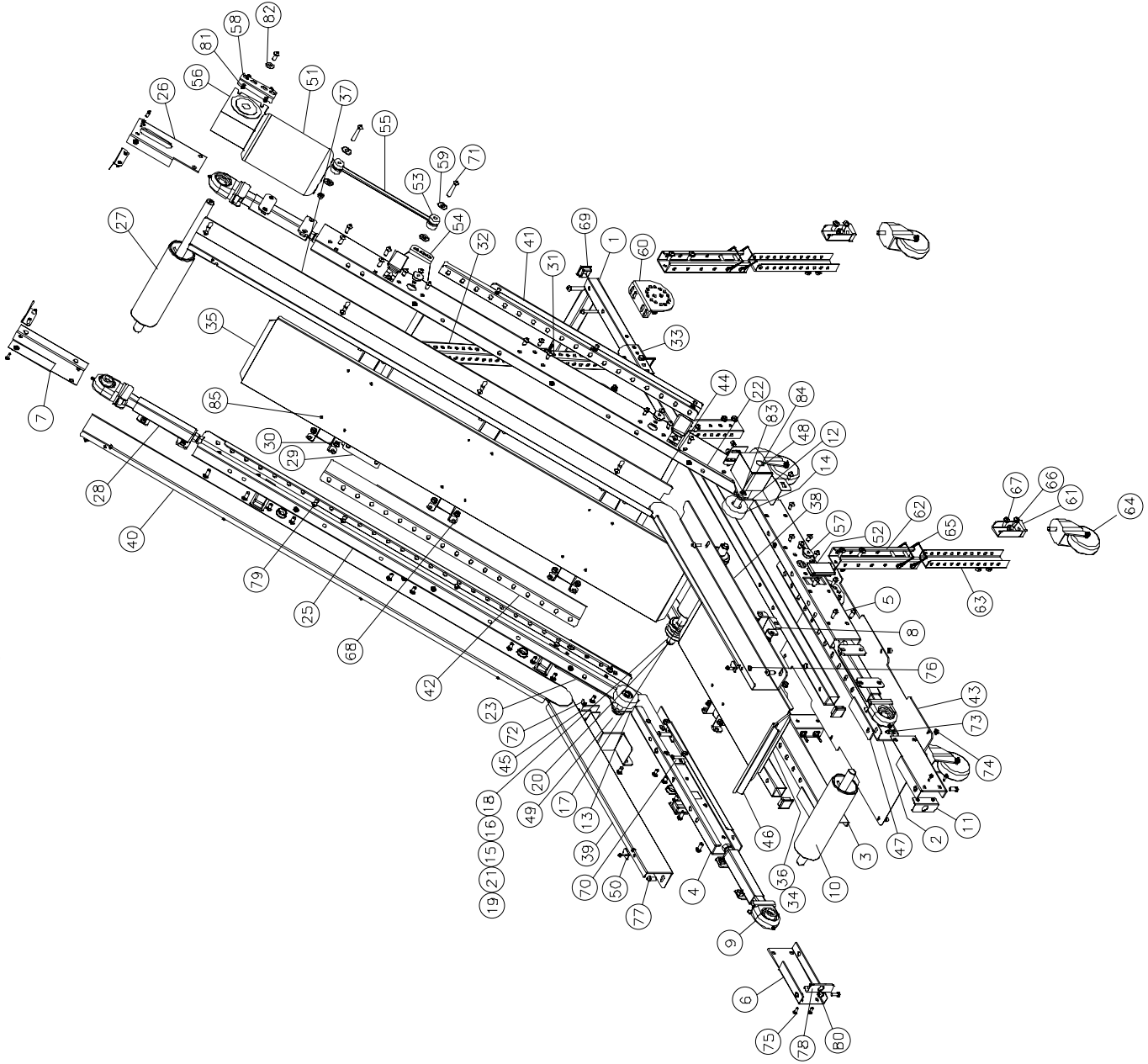
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADK CONVEYOR - BASIC DIMENSIONS



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADK CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADK CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION	ITEM	QTY	PART DESCRIPTION	ITEM	QTY	PART DESCRIPTION
1	1	SUB-BASE	30	2	LEG MOUNTING BRACKET	59	4	3/8" FLAT WASHER
2	1	BELT GUARD	31	2	LEG	60	4	LEG MOUNTING BRACKET
3	1	BELT GUARD	32	2	LEG EXTENSION	61	4	LEG ADAPTER
4	1	FRAME	33	2	SLIDE	62	4	LEG EXTENSION
5	1	FRAME	34	4	SLIDE TRAY SUPPORT	63	4	LEG
6	1	PULLEY GUARD	35	1	SLIDE TRAY	64	4	CASTOR
7	2	PULLEY GUARD	36	1	SLIDE TRAY	65	12	CLIP PIN
8	4	CROSS BRACE	37	1	SIDE RAIL	66	4	1/2"-13 HEX NUT
9	2	TAKE-UP BEARING ASS'Y	38	1	SIDE RAIL	67	18	3/8"-16x1" HEX SOCKET BUTTON HEAD CAP SCREW
10	1	TAIL PULLEY	39	1	SIDE RAIL	68	86	3/8"-16 HEX NUT
11	4	BEARING COVER	40	1	SIDE RAIL	69	4	PLUG
12	1	INF LH TRANSFER CONNECTING PLATE	41	1	LH BOTTOM TRAY SIDE	70	4	3/8"-16x2-1/2" HEX SOCKET BUTTON HEAD CAP SCREW
13	1	INF RH TRANSFER CONNECTING PLATE	42	1	RH BOTTOM TRAY SIDE	71	12	3/8"-16x2-1/4" HEX SOCKET BUTTON HEAD CAP SCREW
14	2	IDLER WHEEL	43	1	BOTTOM SLIDE TRAY	72	4	1/4"-20x1/2" THUMB SCREW
15	2	ROLLER BEARING	44	1	BOTTOM TRAY	73	12	1/4"-20x3/4" HEX SOCKET BUTTON HEAD CAP SCREW
16	1	RETURN IDLER ROLLER SHAFT	45	2	IDLER GUARD	74	12	1/4"-20 HEX NUT
17	1	ROLLER	46	1	FLAPPER	75	12	1/4"-20x3/4" HEX SOCKET BUTTON HEAD CAP SCREW
18	2	IDLER ROLLER SPACER	47	2	TAIL SPACER	76	2	1/4"-20 HEX NUT
19	2	IDLER ROLLER SPACER	48	1	IDLER GUARD ASS'Y	77	31	3/8"-16x1" HEX SOCKET BUTTON HEAD CAP SCREW
20	2	IDLER FLANGE	49	1	IDLER GUARD ASS'Y	78	8	1/4"-20 NUTSERT
21	4	3/4" WIDE FLAT WASHER	50	2	FLAPPER CLIP	79	52	3/8"-16x3/4" HEX SOCKET BUTTON HEAD CAP SCREW
22	1	DISCH LH TRANSFER CONNECTING PLATE	51	1	MOTOR	80	14	3/8"-16 NUTSERT
23	1	DISCH RH TRANSFER CONNECTING PLATE	52	6	PLUG	81	2	1/4"-20 HEX NUT
24	20	3/8" FLAT WASHER	53	2	MOUNT	82	1	3/8" WASHER
25	2	FRAME	54	1	REACTION ROD BRACKET	83	2	1/2" WASHER
26	1	PULLEY GUARD	55	1	REACTION ROD	84	2	1/2"x1" HEX SOCKET HEAD SHOULDER SCREW
27	1	DRIVE PULLEY	56	1	GEARBOX	85	24	5/32"x7/16" COUNTERSUNK HEAD RIVET
28	2	TAKE-UP BEARING ASS'Y	57	6	PLUG	86	2	SNAP RING
29	2	LEG SPACER	58	1	REACTION ROD BRACKET	87	2	SNAP RING

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

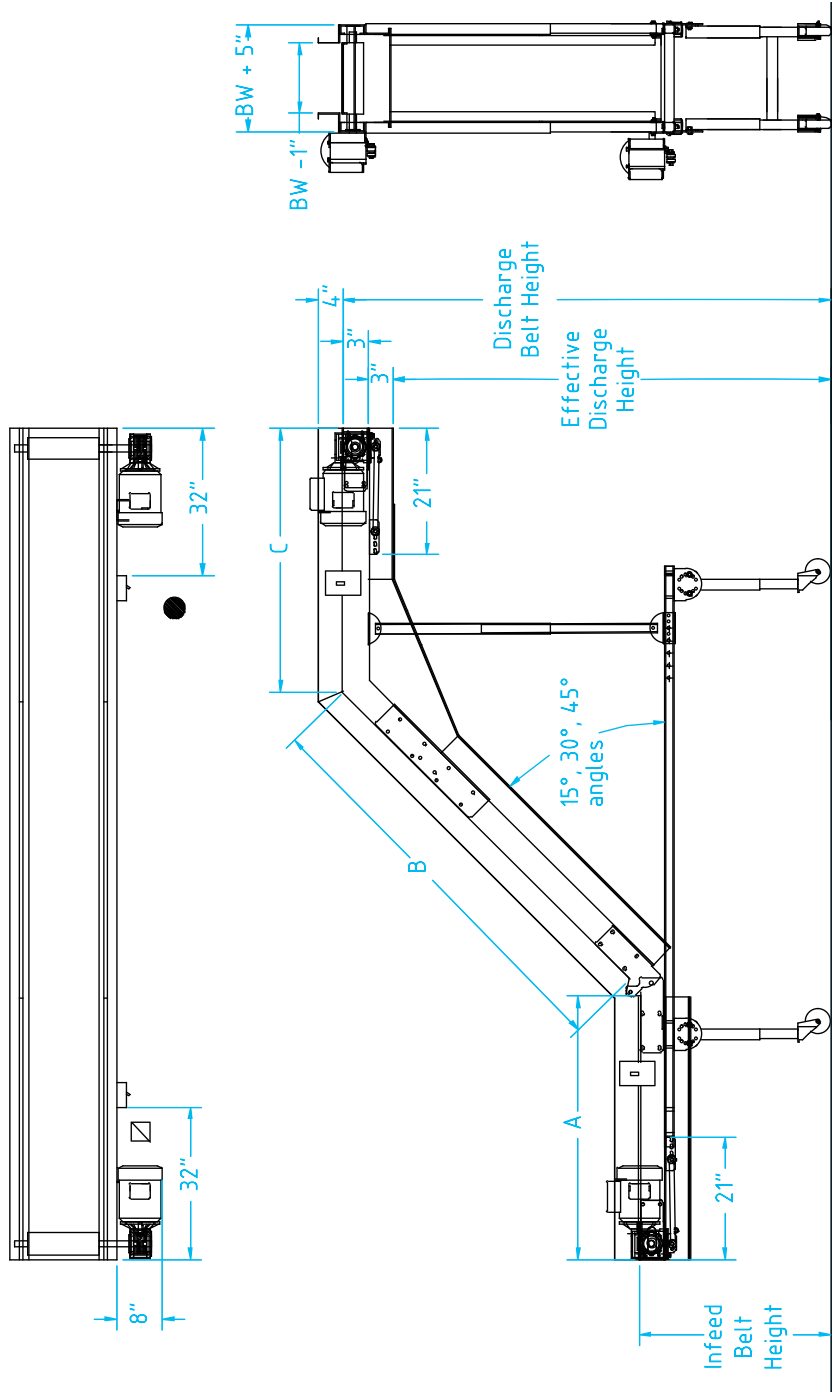
ADZ MERIT LINE CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

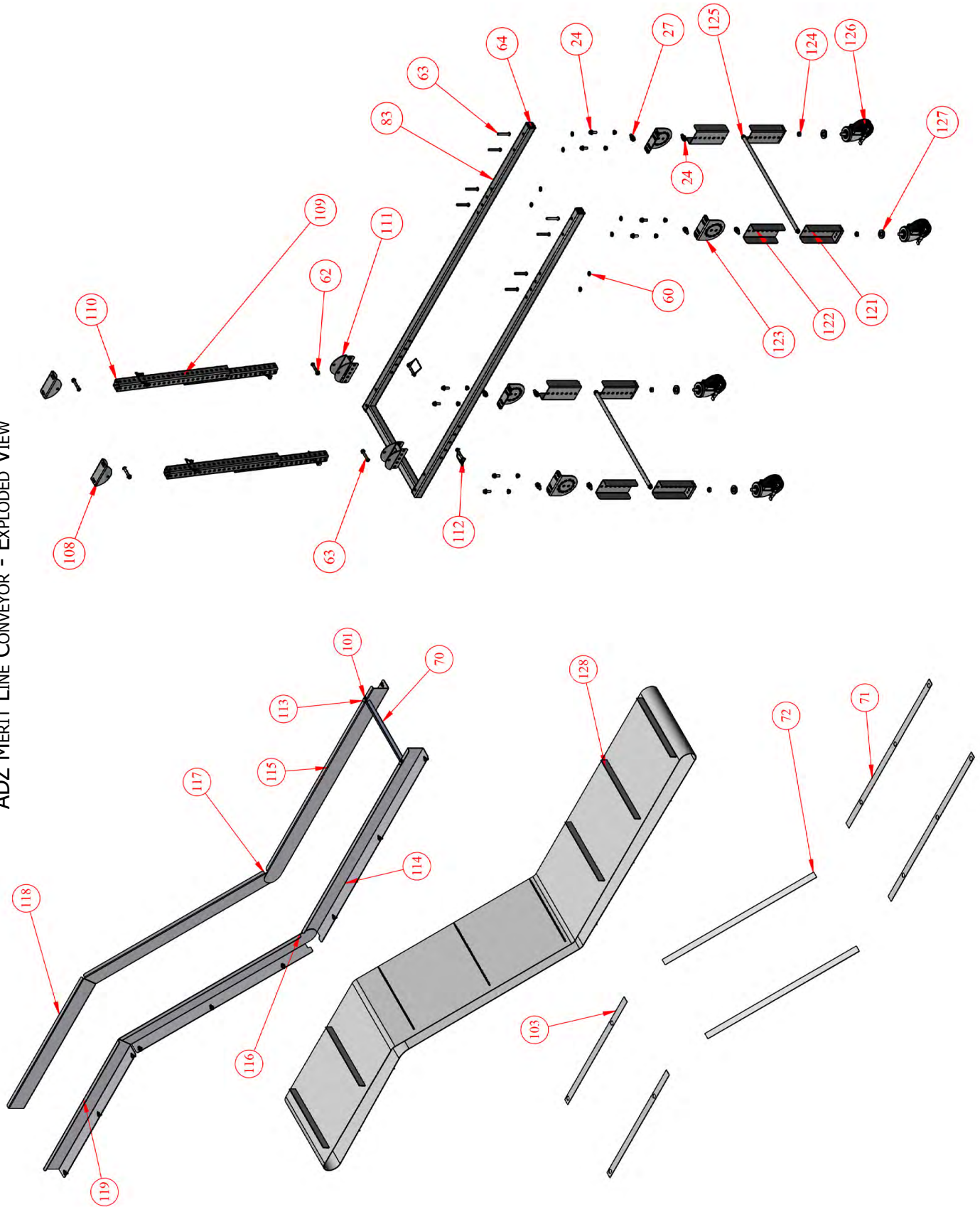
ADZ MERIT LINE CONVEYOR - BASIC DIMENSIONS

- BW = Belt Width.
- Standard starter position (specify if other location).
- ☐ Drive location for 24" & 30" models is mounted on infeed end.
- Drive location for 9", 12", and 18" models is mounted on discharge.
- 11" min. infeed belt height with standard legs and castors.
- A, B & C dimensions are in 1' increments +6".



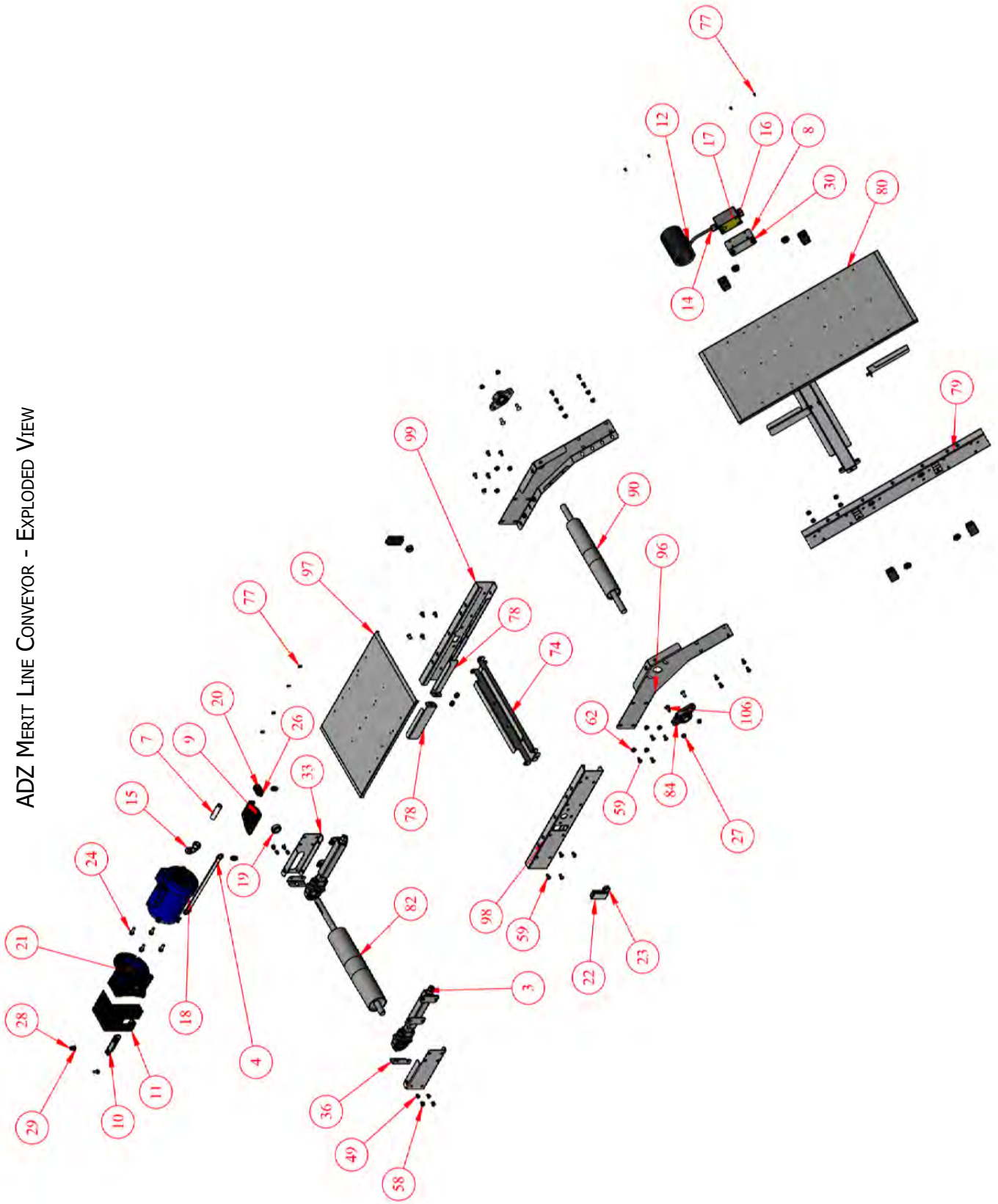
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - EXPLODED VIEW



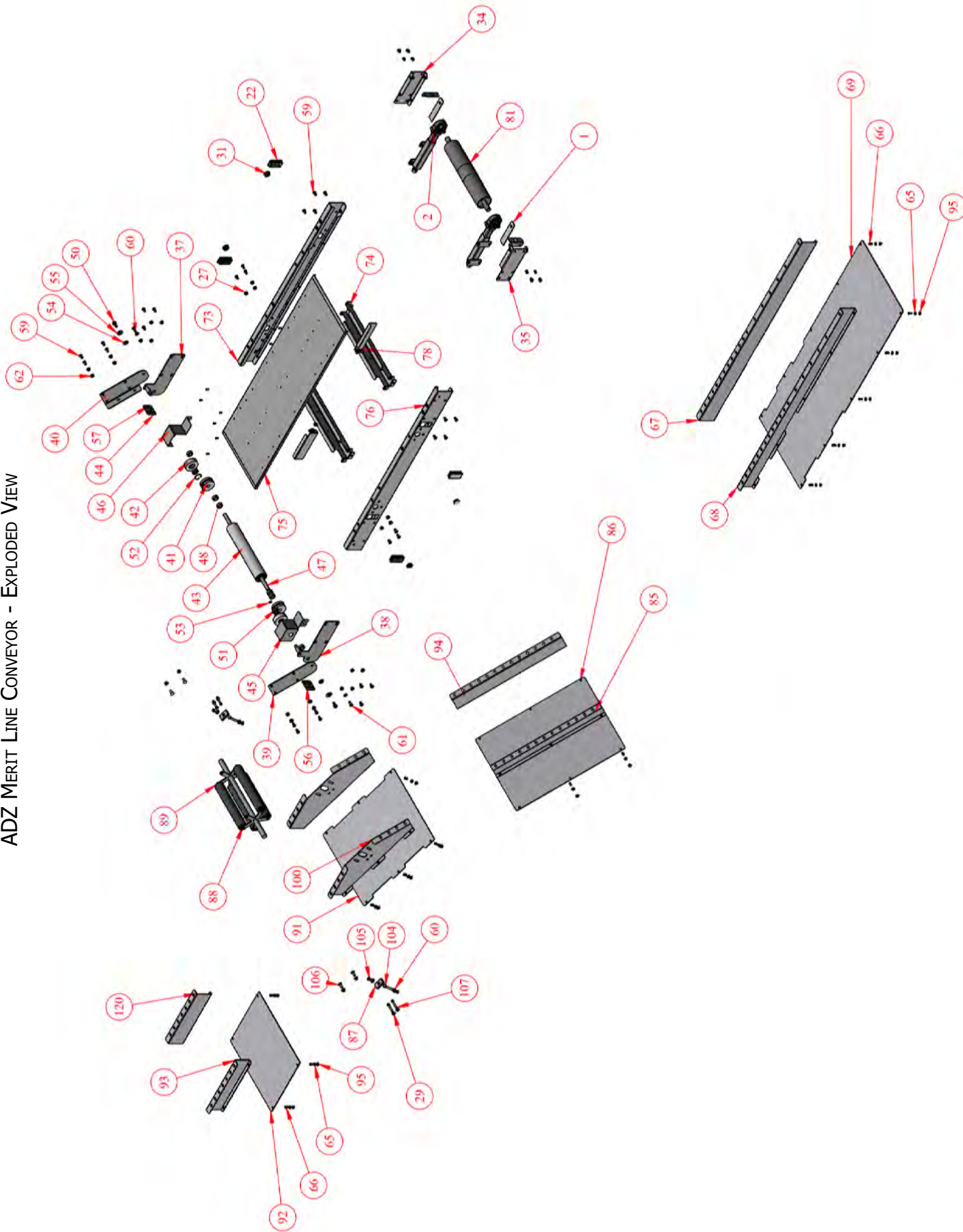
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	4M-31-20	INFEED 6" TAIL SPACER PLATE
2	2	2M-232-3	TAKE-UP
3	2	2M-232-4	TAKE-UP
4	1	2M-38-1	REACTION ROD
5	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
6	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
7	1	4E-62-1	CONDUIT FOR STD DRV PAK
8	1	2M-14-3	FG-5 SWITCH MOUNTING BRACKET
9	1	2M-14-29	REACTION ROD BRACKET
10	1	2M-14-28-1	REACTION ROD BRACKET
11	1	2M-08-12	050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD
12	1	2E-263-1	15' POWER CORD
13	2	EL-455	WIRE NUT "Y" TYPE
14	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
15	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
16	1	EL-354	.500 INCH STRAIGHT CONNECTOR
17	1	EL-168	SWITCH - FG5 SQ. D.
18	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
19	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
20	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
21	1	CP-3289	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
22	10	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
23	2	EL-394	HEYCO SNAP BUSHING #2182
24	24	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
25	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
26	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
27	72	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
28	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
29	8	CP-3786	5/16 FLANGE HEX NUT
30	5	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
31	8	EL-395	HEYCO DOME PLUG #2733

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
32	1	CP-1003	1/4"SQ x 1.500 KEY
33	1	4M-08-2-(L/R)	PULLEY GUARD
34	2	4M-08-1-(L/R)	PULLEY GUARD
35	1	4M-08-1-(L/R)	PULLEY GUARD
36	4	2M-67-1	BEARING COVER
37	1	DDK-227-2-1	INFEED TRANSITION MOUNTING
38	1	DDK-227-2-2	INFEED TRANSITION MOUNTING
39	1	DDK-27-3-(L/R)	INCLINE TRANSITION BRKT
40	1	DDK-27-3-(L/R)	INCLINE TRANSITION BRKT
41	2	2L-15-1	ATLK / STLK RETURN
42	2	2M-15-1	TRANSITION PINCH IDLER WHEEL
43	1	2M-40-2-W	RETURN IDLER
44	2	4M-08-6	ADJ. TRANSITION PINCH IDLER
45	1	4M-208-1	LH TRANSITION PINCH IDLER GUARD
46	1	4M-208-2	RH TRANSITION PINCH IDLER GUARD
47	1	4M-21-3-W	RETURN IDLER ROLLER SHAFT
48	6	CP-1210	LOCKING COLLAR .750IDx1.250ODx.563TH
49	12	CP-2132	1/4 - 20 AVIBANK NUTSERT
50	2	CP-3051	SHOULDER SCREW .500 x .375
51	2	CP-7037	LSE-11 ROLLER BEARING
52	2	CP-7310	SNAP RING 35MM DIA (SEEGER) ATS-25
53	2	CP-7035	SNAP RING, 15mm EXTERNAL RING
54	2	CP-658	FLAT WASHER .500 SAE
55	2	CP-894	FLAT WASHER .500 SST
56	4	CP-3340	FLAT WASHER .250
57	4	CP-690	THUMB SCREW 1/4 - 20 X 3/4" PLATED
58	8	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
59	138	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
60	58	CP-3342	FLAT WASHER .375
61	2	CP-3325	HEX SOCKET BUTTON HEAD SCREW .375-16 x 1.000
62	74	CP-3299	3/8-16 SERRATED FLANGE

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
63	12	CP-3296	HEX SOCKET BUTTON HEAD SCREW .375-16 x 2.500
64	4	CP-2321	PLASTIC CAP 1.500x1.500 SQUARE
65	24	CP-654	FLAT WASHER .250 SAE
66	24	CP-695	HEX SOCKET BUTTON HEAD SCREW .250-20 x .750
67	1	4M-44-13-L	LH BOTTOM BELT GUARD SIDE
68	1	4M-44-14-L	RH BOTTOM BELT GUARD SIDE
69	1	4M-45-12-L-W	BOTTOM BELT TRAY
70	1	2E-249-5-W	NEW STYLE LEXAN FLAPPER
71	2	4M-31-26-L	SIDE RAIL SPACER
72	2	4M-31-27-L	1/16" x 1 1/2" SIDE RAIL SPACER
73	2	4M-44-L	AD FRAME SIDE
74	5	4M-41-1-W	FRAME CROSSBRACE
75	1	4M-45-L-W-DV	DV SLIDE TRAY
76	42	CP-2867	HEX NUT INSERT 3/8-16 GRIP RANGE .150-.312 #AH-S- 4-616-312
77	46	CP-2052	POP RIVET 3/16 RIVET, CTRSK HEAD,
78	12	4M-29-1	SLIDE TRAY END SUPPORT
79	2	4M-44-X	AD FRAME SIDE
80	1	4M-45-L-W-DV	DV SLIDE TRAY
81	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
82	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
83	1	4M-241-1-W-L	SUB-BASE WELD ASSY
84	4	CP-834	2 BOLT FLANGE BEARING
85	1	3M-44-66-L-X	DROP BOTTOM SIDE GUARDS
86	1	3M-45-72-W-L	BOTTOM SLIDE TRAY FOR ADZ
87	2	3E-40-88-BI-1	SUPPORT
88	1	3M-240-15-2-W	RETURN IDLER ROLLER ASS'Y
89	5	CP-2343-G	R1916-13-A10-V03 GALVANIZE ROLLER NUMBER
90	1	3E-240-123-W	TOP IDLER ROLLER
91	1	3M-44-67-1-W	BOTTOM BELT TRAY FOR A ACN N.O.
92	1	3M-45-72-W-L	BOTTOM SLIDE TRAY FOR ADZ
93	1	3M-44-66-L-X	DROP BOTTOM SIDE GUARDS
94	1	3M-44-66-L-X	DROP BOTTOM SIDE GUARDS
95	26	CP-3297	SERRATED FLANGE NUT 0.25-20 BLACK OXIDE

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ADZ MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
96	2	ACN-244-4	45 DEG TRANSITION SIDE
97	1	4M-45-L-W-DV	DV SLIDE TRAY
98	1	4M-44-2-2	ADK FRAME SIDE
99	1	4M-44-2-1	ADK FRAME SIDE
100	2	3M-44-67-T	TRANSITION SIDE FOR A ADC N.O.
101	2	CP-2419	HEX SOCKET BUTTON HEAD SCREW .250-20 x .500
102	8	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
103	2	4M-31-26-L	SIDE RAIL SPACER
104	2	CP-131	HEX HEAD SCREW .375-24 x 2.500
105	4	CP-513	HEX NUT .375-24
106	8	CP-465	CARRIAGE BOLT .375-16 x 1.000
107	4	CP-102	HEX HEAD SCREW .313-18 x 2.000
108	2	4M-14-23	CONV. TO SUB-BASE LEG MNT.
109	2	4M-36-14-L	TELESPAR LEG
110	2	4M-36-15-L	TELESPAR EXT
111	2	2L-229-6	CONV. TO SUB-BASE LEG MNT.
112	6	CP-2889	SAFETY SNAP PIN McMASTER CARR #98416A018
113	2	2E-01-10	FLAPPER CLIP
114	1	4M-33-151-L	ALUM SIDE RAIL
115	1	4M-33-152-L	ALUM SIDE RAIL
116	1	3E-33-3213-L-X	4" ALUM INCLINE SIDE RAIL
117	1	3E-33-3213-L-X	4" ALUM INCLINE SIDE RAIL
118	1	3E-33-3212-L-X	4" TOP SHELF RAIL FOR NOSEOVER
119	1	3E-33-3212-L-X	4" TOP SHELF RAIL FOR NOSEOVER
120	1	3M-44-66-L-X	DROP BOTTOM SIDE GUARDS
121	4	2E-236-X	LEG WELD ASSY
122	4	2E-36-X	LEG EXTENSION
123	4	2M-14-16	LEG MOUNTING BRACKET
124	4	CP-508	HEX JAM NUT .500-13
125	2	3E-41-1062-L	CROSS BRACE
126	4	CP-1239	SWIVEL CASTER, 4" X1 3/8"
127	4	4E-31-28	SPACER FOR K-3, K-4 CASTORS
128	1	BELT	CLEATED BELT FOR ADZ

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

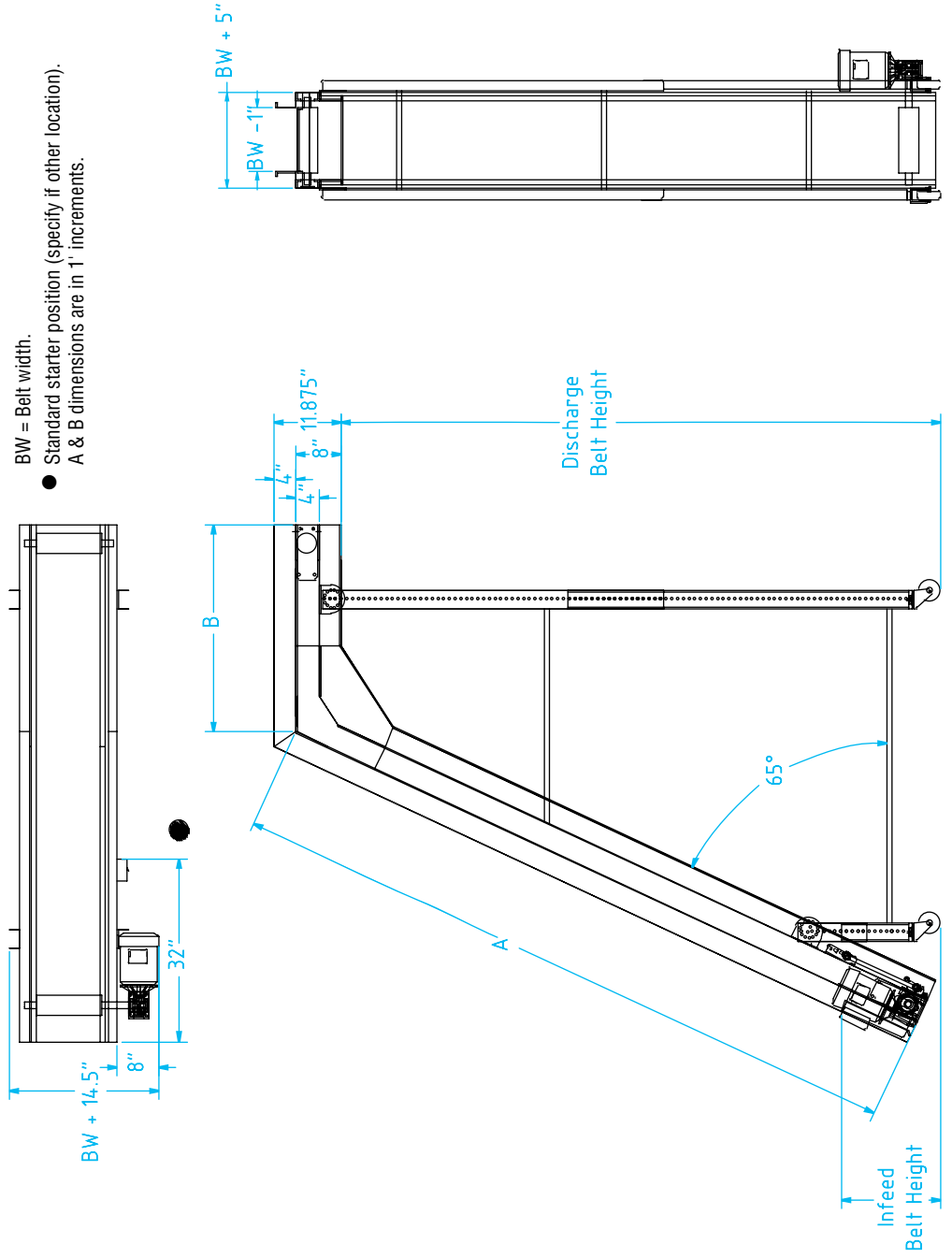
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 / SNO65 MERIT LINE CONVEYOR - ASSEMBLED VIEW



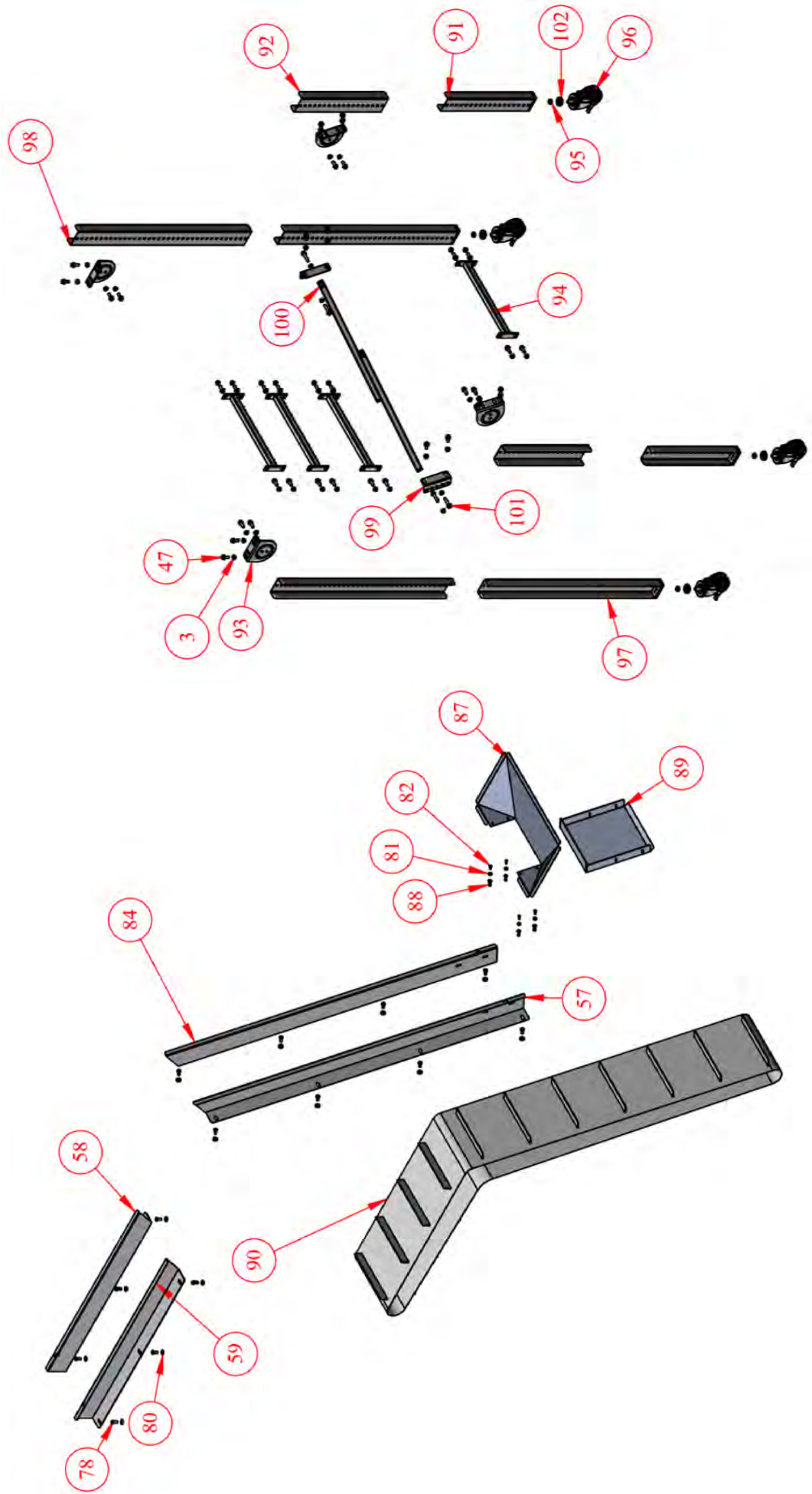
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - BASIC DIMENSIONS



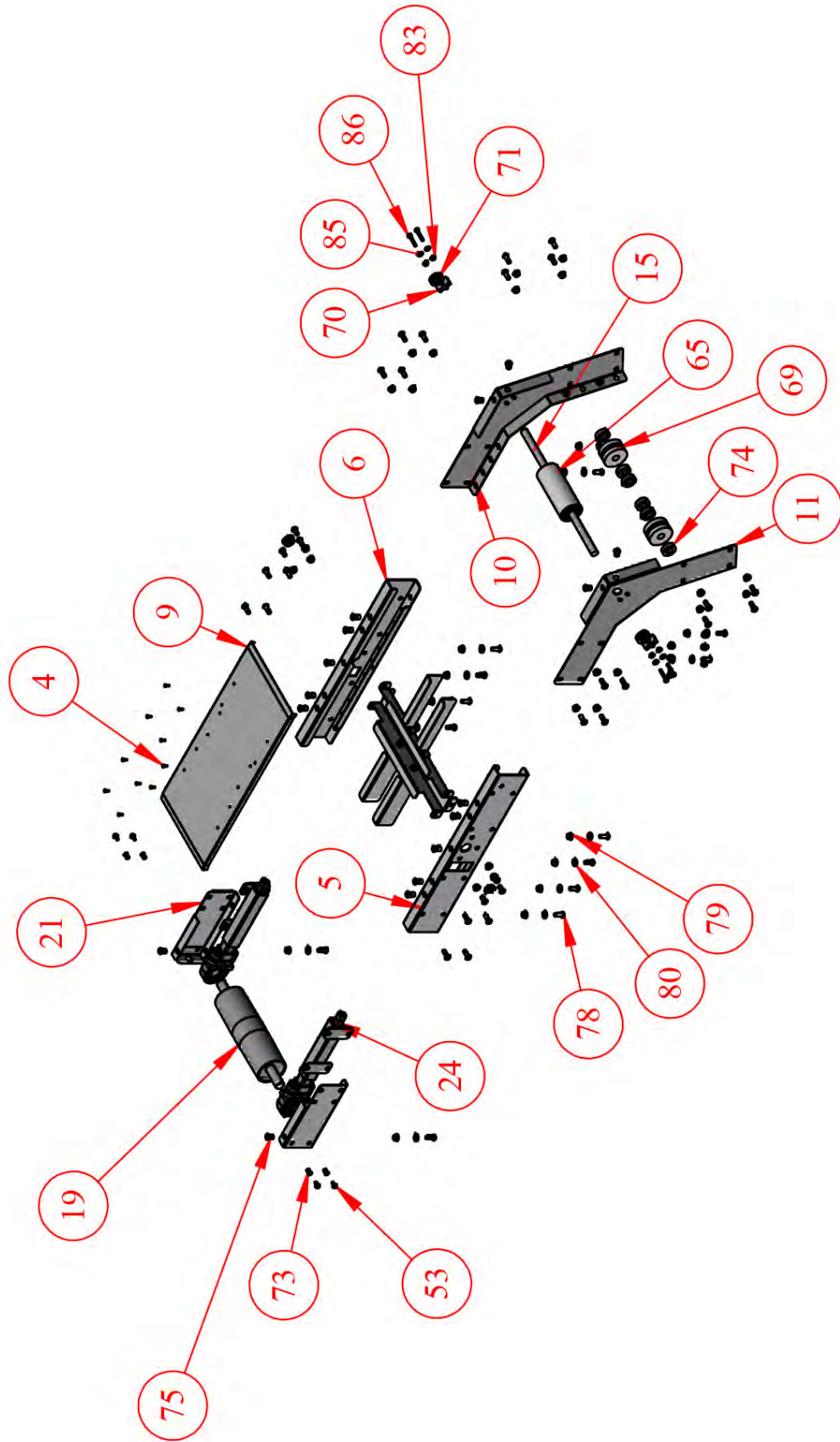
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - EXPLODED VIEW



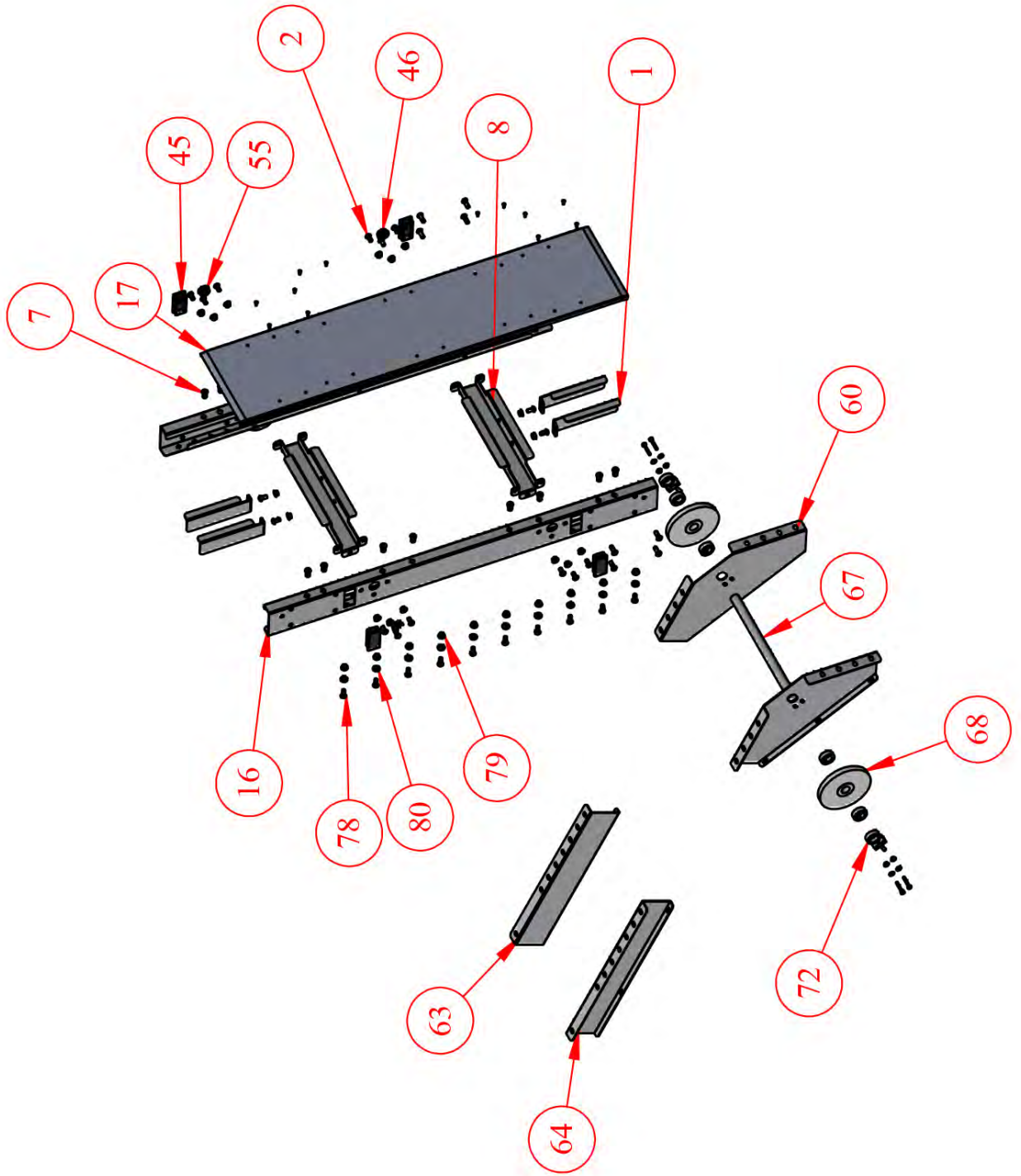
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - EXPLODED VIEW



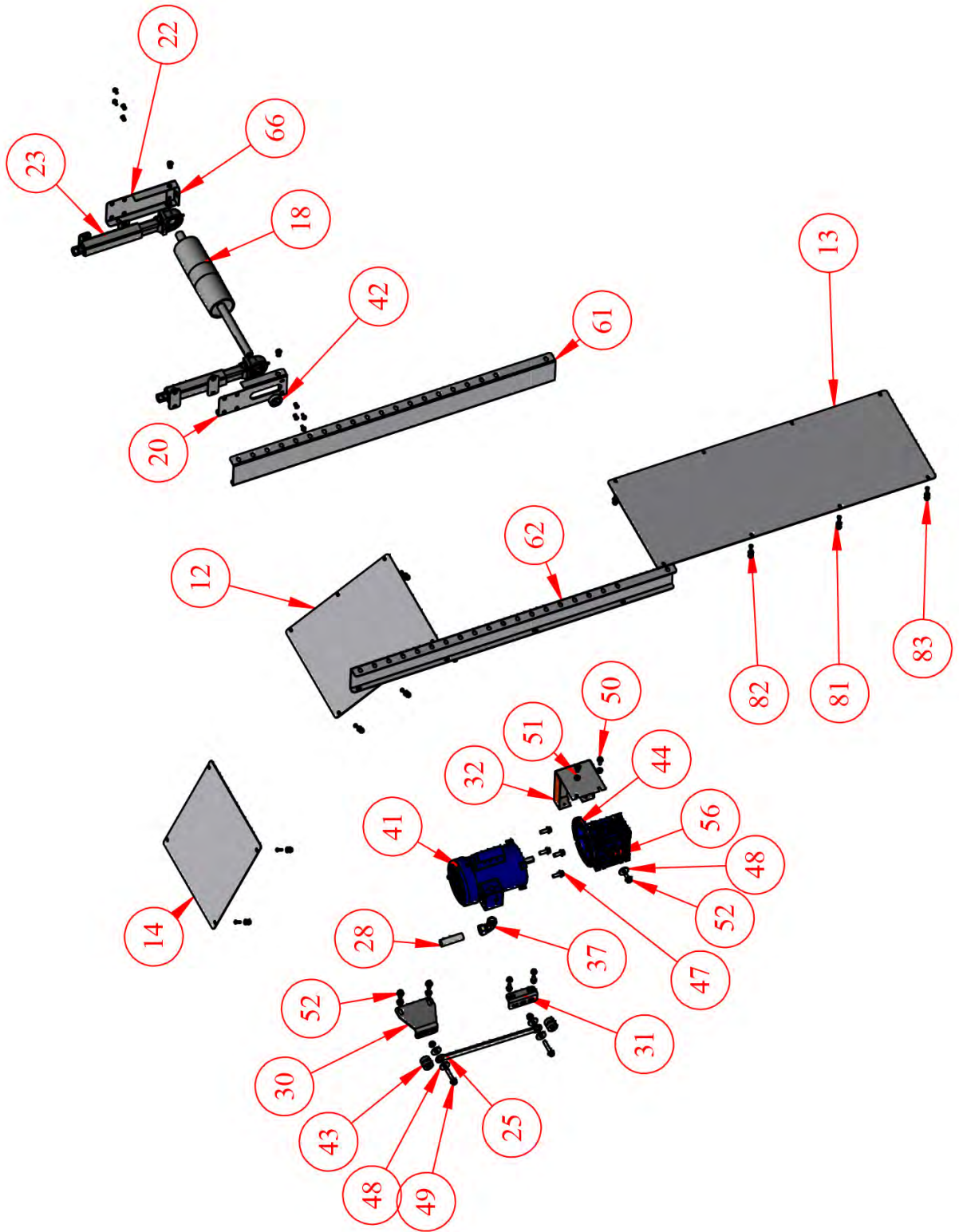
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	8	4M-29-1	SLIDE TRAY END SUPPORT
2	26	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
3	72	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
4	22	CP-2052	POP RIVET 3/16 RIVET, CTRSK HEAD,
5	1	4M-44-2-X	ADK FRAME SIDE
6	1	4M-44-2-X	ADK FRAME SIDE
7	26	CP-2867	HEX NUT INSERT 3/8-16 GRIP RANGE .150-.312 #AH-S- 4-616-312
8	3	4M-41-1-W	FRAME CROSSBRACE
9	1	4M-45-L-W-DV	DV SLIDE TRAY
10	1	ACN-244-1-(L/R)	65 DEG TRANSITION SIDE ASSY
11	1	ACN-244-1-(L/R)	65 DEG TRANSITION SIDE ASSY
12	1	ACN-08-4-W	BOTTOM BELT GUARD FOR TRANS.
13	1	ACN-08-2-L-W	BOTTOM BELT GUARD FOR INCLINE
14	1	ACN-08-3-L-W	BOTTOM BELT GUARD FOR ITRANS.
15	1	ACN-21-1-W	TOP TRANSITION IDLER ROLLER
16	2	4M-44-L	AD FRAME SIDE
17	1	4M-45-L-W-DV	DV SLIDE TRAY
18	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
19	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
20	1	4M-08-2-(L/R)	PULLEY GUARD
21	1	4M-08-1-(L/R)	PULLEY GUARD
22	2	4M-08-1-(L/R)	PULLEY GUARD
23	2	2M-232-3	TAKE-UP
24	2	2M-232-4	TAKE-UP
25	1	2M-38-1	REACTION ROD
26	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
27	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
28	1	4E-62-1	CONDUIT FOR STD DRV PAK
29	1	2M-14-3	FG-5 SWITCH MOUNTING BRACKET
30	1	2M-14-29	REACTION ROD BRACKET
31	1	2M-14-28-1	REACTION ROD BRACKET
32	1	2M-08-12	050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ANO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
33	1	2E-263-1	15' POWER CORD
34	1	EL-533	SQ.D. HEATER A9.85
35	3	EL-455	WIRE NUT "Y" TYPE
36	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
37	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
38	1	EL-354	.500 INCH STRAIGHT CONNECTOR
39	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)
40	1	EL-168	SWITCH - FG5 SQ. D.
41	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
42	5	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
43	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
44	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
45	4	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
46	2	EL-394	HEYCO SNAP BUSHING #2182
47	40	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
48	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
49	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
50	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
51	4	CP-3786	5/16 FLANGE HEX NUT
52	5	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
53	10	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
54	2	CP-3068	HEX FLANGE NUT 0.25-20
55	4	EL-395	HEYCO DOME PLUG #2733
56	1	CP-1003	1/4"SQ x 1.500 KEY
57	1	ACN-33-5-L-(L/R)	4"x90" ALUM RAILS
58	1	ACN-33-6-L-(L/R)	4"-90 X 3' ALUM. SIDE RAIL
59	1	ACN-33-6-L-(L/R)	4"-90 X 3' ALUM. SIDE RAIL
60	2	ACN-44-10	TRANSITION SIDE FOR ACN
61	1	ACN-44-3-L-(L/R)	4" BOTTOM SLIDE TRAY SIDE SUPPORT
62	1	ACN-44-3-L-(L/R)	4" BOTTOM SLIDE TRAY SIDE SUPPORT
63	1	ACN-44-4-L-(L/R)	4" BOTTOM SLIDE TRAY SIDE SUPPORT
64	1	ACN-44-4-L-(L/R)	4" BOTTOM SLIDE TRAY SIDE SUPPORT

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

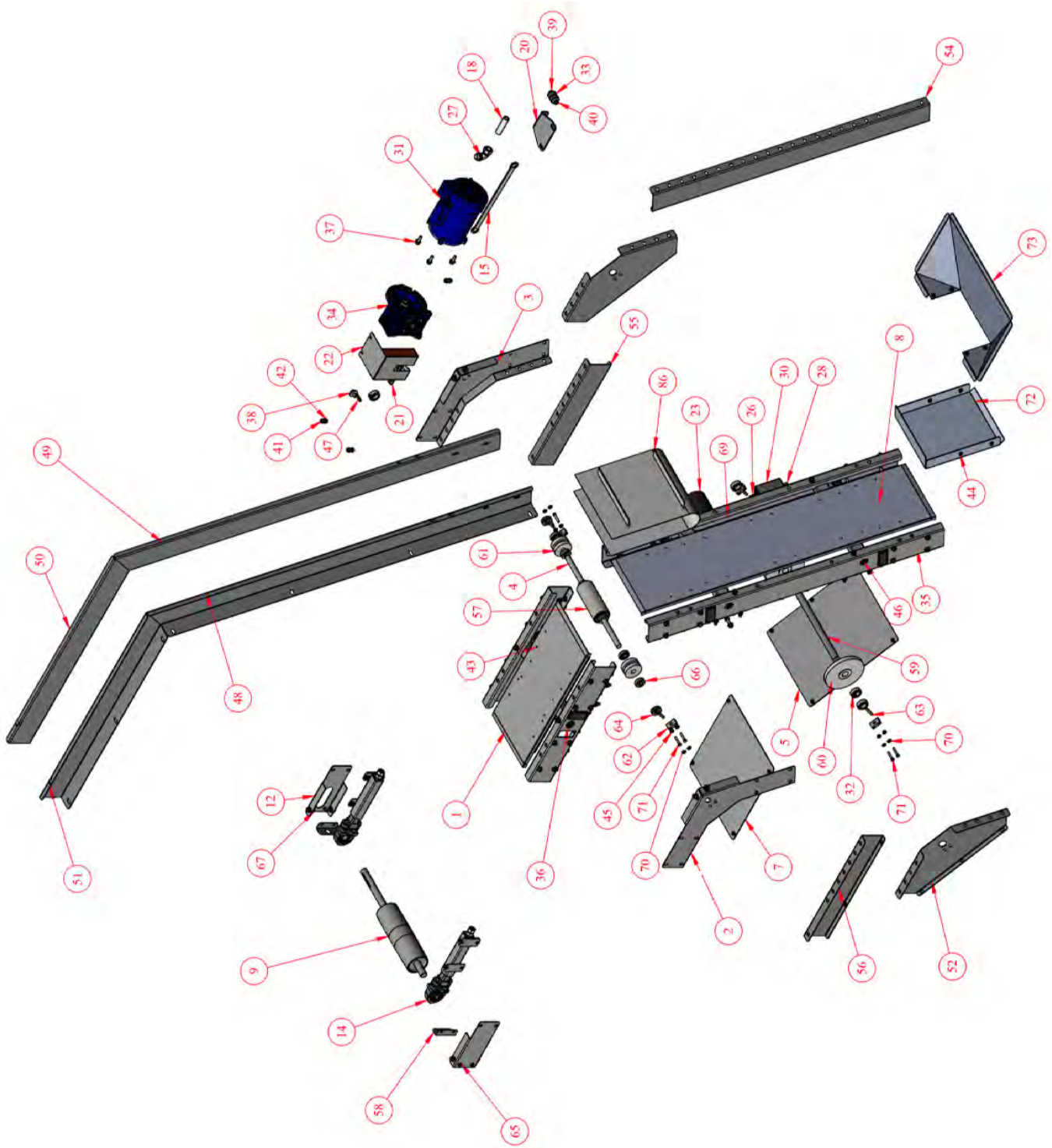
ANO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
65	1	2M-40-2-W	RETURN IDLER
66	4	2M-67-1	BEARING COVER
67	1	3M-21-10-12-ID	ADCNO IDLER SHAFT
68	2	3M-40-5-625	ADCNO RETURN IDLER ROLLER
69	2	4M-15-1-2688-0	SNO TRANSITION IDLER FLANGE
70	4	4M-17-1	BLOCK FOR ADJ. IDLER ROLLER
71	2	4M-232-6	1" COLLAR ASS'Y FOR IDLER
72	2	4M-232-7	3/4" COLLAR ASS'Y. FOR IDLER
73	8	CP-2132	1/4 - 20 AVIBANK NUTSERT
74	6	CP-3671	ONE PIECE CLAMP-ON COLLAR, 3/4" BORE
75	8	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
76	1	CP-1573	SERIAL PLATE, TRIMLINE, 1-7/8 X 4-3/8
77	2	CP-1286	POP RIVET AVEX #1641-0514
78	85	CP-3325	HEX SOCKET BUTTON HEAD SCREW .375-16 x 1.000
79	56	CP-3299	3/8-16 SERRATED FLANGE
80	54	CP-3342	FLAT WASHER .375
81	24	CP-654	FLAT WASHER .250 SAE
82	21	CP-695	HEX SOCKET BUTTON HEAD SCREW .250-20 x .750
83	24	CP-3297	SERRATED FLANGE NUT 0.25-20 BLACK OXIDE
84	1	ACN-33-5-L-(L/R)	4"x90deg ALUM RAILS
85	8	CP-3340	FLAT WASHER .250
86	8	CP-106	HEX HEAD SCREW .250-20 x 1.500
87	1	SNO-275-13-W	HOPPER WELD ASS'Y.
88	4	CP-600	1/4-20 PLATED ELASTIC LOCK NUT
89	1	SNO-75-1-W-CC-RH	SST CLEAT TRAP
90	1	BELT	CLEATED BELT FOR ANO65
91	2	2E-236-X	LEG ASSY WELDMENT
92	2	2E-36-X	LEG EXTENSION
93	4	2M-14-16	LEG MOUNTING BRACKET
94	4	2S-241-2-W	CROSS BRACE
95	4	CP-508	HEX JAM NUT .500-13
96	4	CP-1239	SWIVEL CASTER, 4"X1 3/8"
97	2	2E-236-X	LEG WELD ASSY
98	2	2E-36-X	LEG EXTENSION
99	2	2M-14-11	BRACKET
100	2	4E-41-6	LEG TO FRAME BRACE
101	4	CP-2940	HEX SERRATED FLANGE SCREW 0.375-16x1.750" ZINC PLATED
102	2	4E-31-28	SPACER FOR K-3, K-4 CASTORS

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

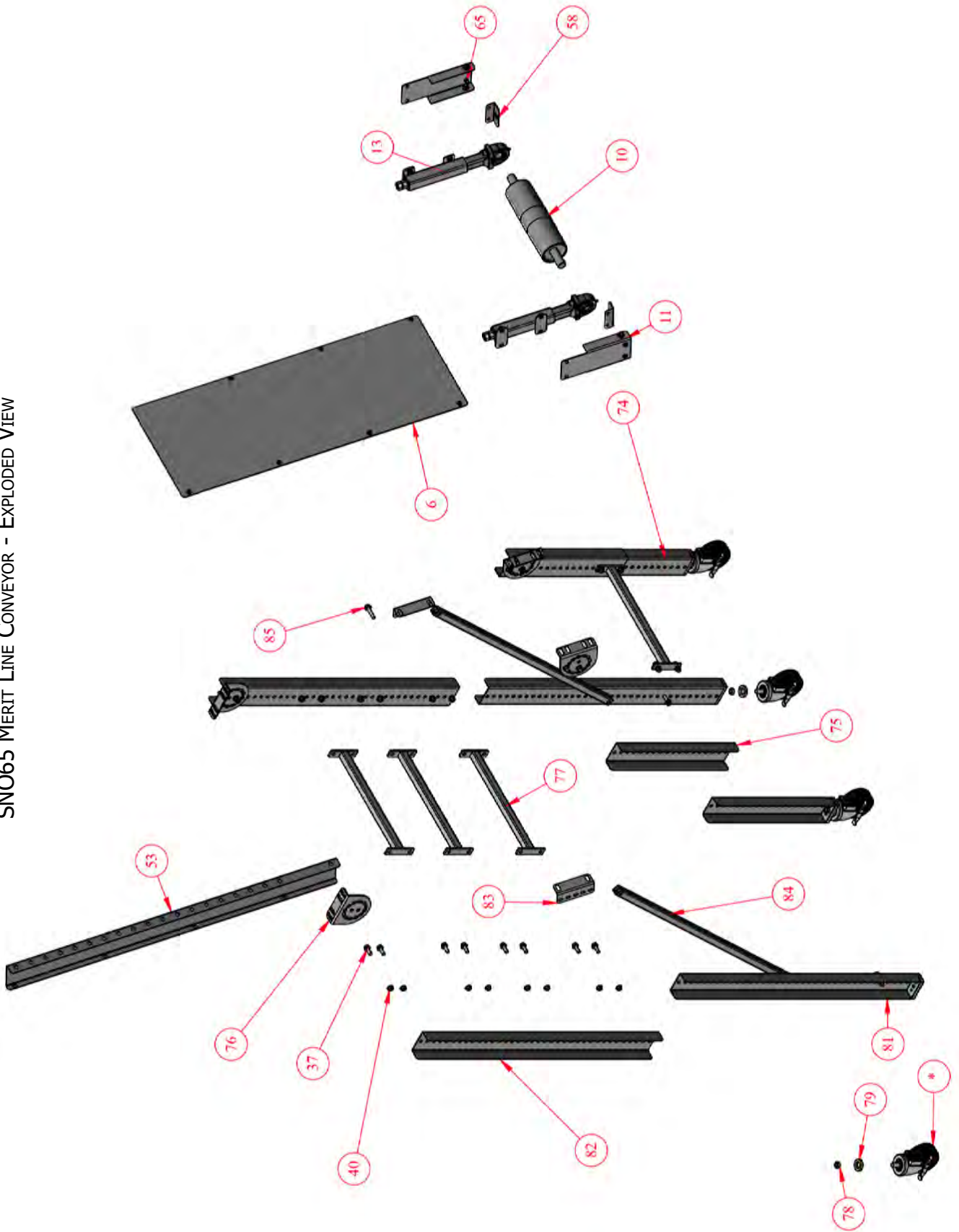
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SNO65 MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SNO65 MERIT LINE CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SNO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	1	2M-206-L-W-DV	DD FRAME WELD ASSY.
2	1	ACN-244-1-(L/R)	65 DEG TRANSITION SIDE ASS'Y
3	1	ACN-244-1-(L/R)	65 DEG TRANSITION SIDE ASS'Y
4	1	ACN-21-1-W	TOP TRANSITION IDLER ROLLER
5	1	ACN-08-1-W	BOTTOM BELT GUARD FOR TRANS.
6	1	SNO-08-1-W-L	BOTTOM BELT GUARD FOR INCLINE
7	1	SNO-08-1-W-L	BOTTOM BELT GUARD FOR INCLINE
8	1	2M-206-L-W-DV	4' x 12" DD FRAME WELD ASSY.
9	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
10	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
11	3	2M-08-1	PULLEY GUARD
12	1	2M-08-2	DRIVE SIDE PULLEY GUARD
13	2	2M-232-3	TAKE-UP
14	2	2M-232-4	TAKE-UP
15	1	2M-38-1	REACTION ROD
16	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
17	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
18	1	4E-62-1	CONDUIT FOR STD DRV PAK
19	1	2M-14-3	FG-5 SWITCH MOUNTING BRACKET
20	1	2M-14-29	REACTION ROD BRACKET
21	1	2M-14-28-1	REACTION ROD BRACKET
22	1	2M-08-12	050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD
23	1	2E-263-1	15' POWER CORD
24	1	EL-533	SQ.D. HEATER A9.85
25	3	EL-455	WIRE NUT "Y" TYPE
26	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
27	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
28	1	EL-354	.500 INCH STRAIGHT CONNECTOR
29	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SNO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
30	1	EL-168	SWITCH - FG5 SQ. D.
31	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
32	5	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
33	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
34	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
35	6	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
36	2	EL-394	HEYCO SNAP BUSHING #2182
37	40	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
38	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
39	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
40	102	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
41	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
42	4	CP-3786	5/16 FLANGE HEX NUT
43	91	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
44	32	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
45	32	CP-3068	HEX FLANGE NUT 0.25-20
46	4	EL-395	HEYCO DOME PLUG #2733
47	1	CP-1003	1/4" SQ x 1.500 KEY
48	1	SNO-33-2-L-(L/R)	4" x90deg PS RAILS
49	1	SNO-33-2-L-(L/R)	4" x90deg PS RAILS
50	1	SNO-33-3-L-(L/R)	4" -90 X 3' P.S. SIDE RAIL
51	1	SNO-33-3-L-(L/R)	4" -90 X 3' P.S. SIDE RAIL
52	2	ACN-44-15	TRANSITION SIDE FOR SNO
53	1	SNO-44-1-L-1	4" BOTTOM SLIDE TRAY SIDE SUPPORT
54	1	SNO-44-1-L-2	4" BOTTOM SLIDE TRAY SIDE SUPPORT
55	1	SNO-44-1-L-1	4" BOTTOM SLIDE TRAY SIDE SUPPORT
56	1	SNO-44-1-L-2	4" BOTTOM SLIDE TRAY SIDE SUPPORT
57	1	2M-40-2-W	RETURN IDLER
58	4	2M-67-1	BEARING COVER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SNO65 MERIT LINE CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
59	1	3M-21-10-12-ID	ADCNO IDLER SHAFT
60	2	3M-40-5-625	ADCNO RETURN IDLER ROLLER
61	2	4M-15-1-2688-O	SNO TRANSITION IDLER FLANGE
62	4	4M-17-1	BLOCK FOR ADJ. IDLER ROLLER
63	2	4M-232-6	1" COLLAR ASS'Y FOR IDLER
64	2	4M-232-7	3/4" COLLAR ASS'Y. FOR IDLER
65	8	CP-2132	1/4 - 20 AVIBANK NUTSERT
66	6	CP-3671	ONE PIECE CLAMP-ON COLLAR, 3/4" BORE
67	18	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
68	1	CP-1573	SERIAL PLATE, TRIMLINE, 1-7/8 X 4-3/8
69	2	CP-1286	POP RIVET AVEX #1641-0514
70	8	CP-3340	FLAT WASHER .250
71	8	CP-106	HEX HEAD SCREW .250-20 x 1.500
72	1	SNO-75-1-W-CC-RH	SST CLEAT TRAP
73	1	SNO-275-3-W	SNO HOPPER 65 DEG
74	2	2E-236-X	LEG ASSY WELDMENT
75	2	2E-36-X	LEG EXTENSION
76	4	2M-14-16	LEG MOUNTING BRACKET
77	4	2S-241-2-W	CROSS BRACE
78	4	CP-508	HEX JAM NUT .500-13
79	4	CP-1239	SWIVEL CASTER, 4" X1 3/8"
80	2	2E-236-X	LEG WELD ASSY
81	2	2E-36-X	LEG EXTENSION
82	2	2M-14-11	BRACKET
83	2	4E-41-6	LEG TO FRAME BRACE
84	4	CP-2940	HEX SERRATED FLANGE SCREW 0.375-16x1.750" ZINC PLATED
85	2	4E-31-28	SPACER FOR K-3, K-4 CASTORS
86	1	BELT	CLEATED BELT FOR SNO65

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDF CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

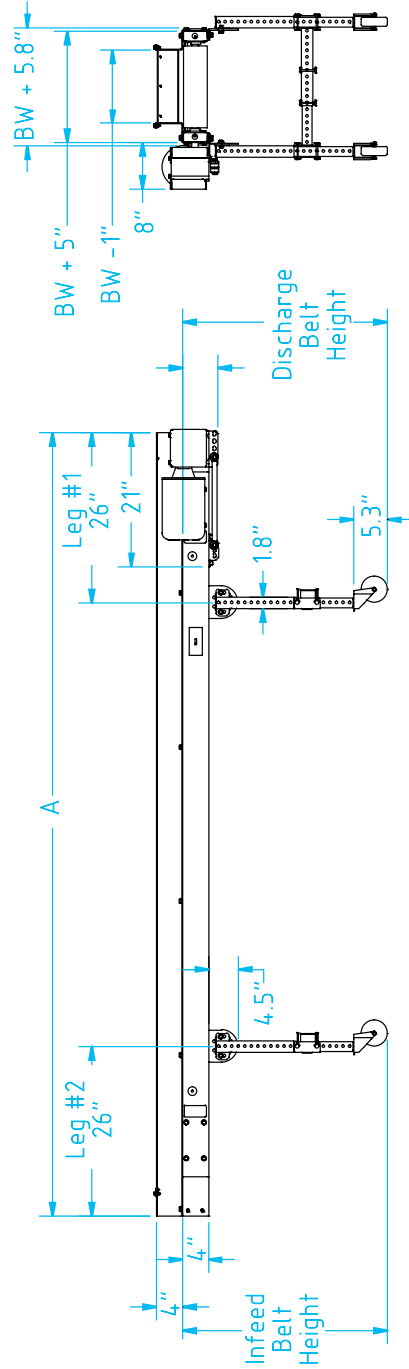
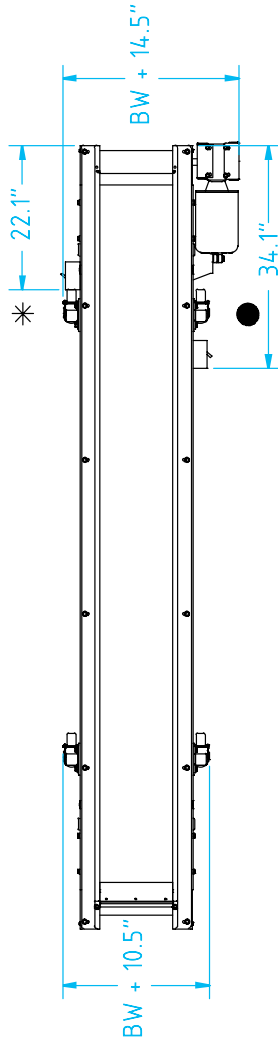
DDF CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

● Standard starter position (specify if other location).

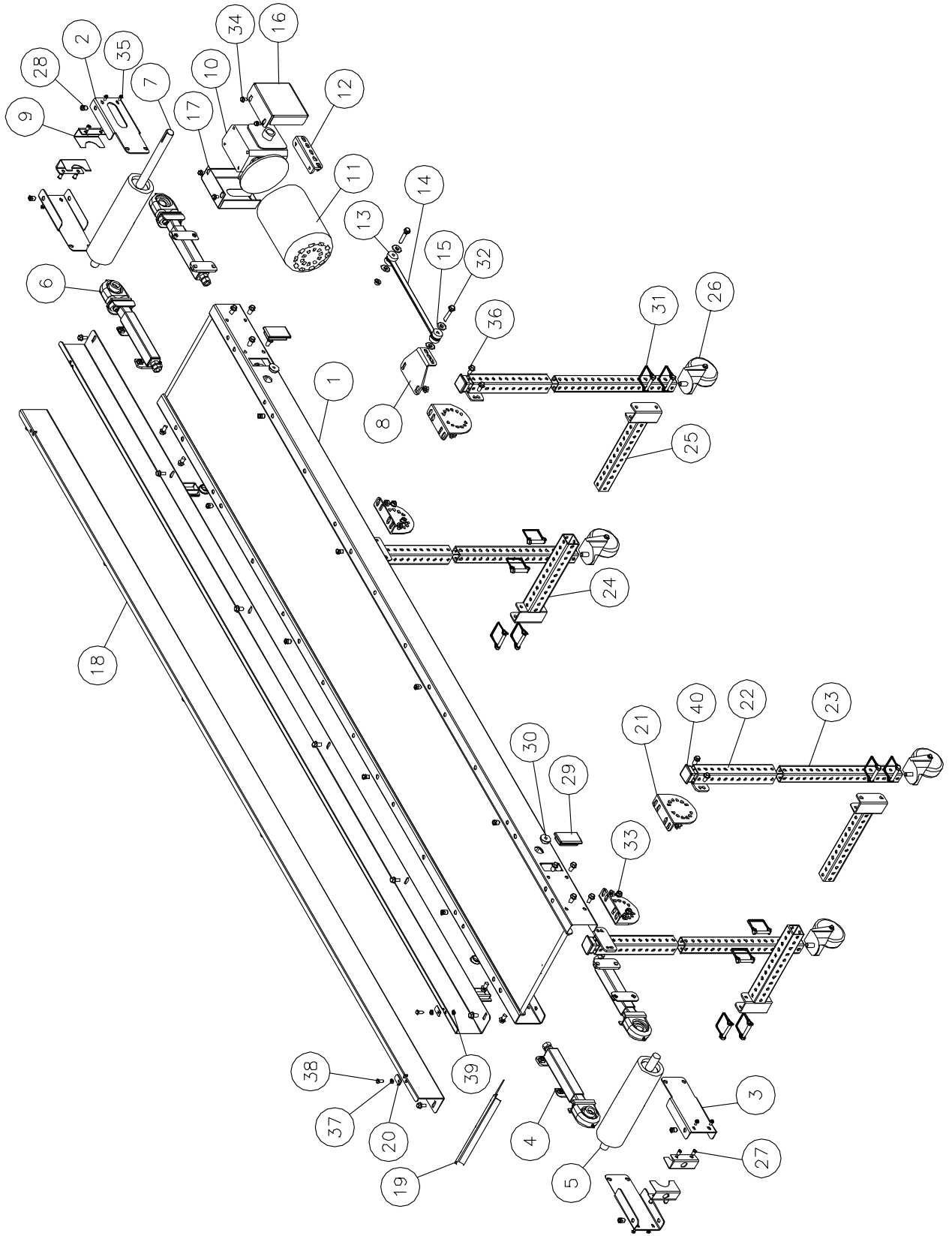
* Starter position for 8' or shorter conveyors

Leg set #1 will be located under drive package for 3'-6" long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDF CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDF CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSY
2	1	DRIVE SIDE PULLEY GUARD
3	3	PULLEY GUARD
4	2	TAKE-UP BEARING (TAIL)
5	1	TAIL PULLEY
6	2	TAKE-UP BEARING (DRIVE)
7	1	DRIVE PULLEY
8	1	REACTION ROD BRACKET
9	4	BEARING COVER
10	1	REDUCER
11	1	MOTOR
12	1	REACTION ROD BRACKET (REDUCER)
13	2	BLUE UNIVERSAL MOUNT (THIN)
14	1	REACTION ROD
15	4	3/8 FLAT WASHER
16	1	DIRECT DRIVE GUARD (OUTSIDE)
17	1	DIRECT DRIVE GUARD (INSIDE)
18	2	RAILS
19	1	FLAPPER
20	2	FLAPPER CLIP

ITEM	QTY	PART DESCRIPTION
21	4	LEG MOUNTING BRACKET
22	4	TELESPAR LEG EXTENSION
23	4	TELESPAR LEG WELDMENT
24	2	ADJUSTABLE LEG BRACE EXTENSION
25	2	ADJUSTABLE LEG BRACE
26	4	CASTOR
27	8	1/4-20 NUTSERT
28	12	3/8-16 NUTSERT
29	4	3"x1-1/2" PLUG
30	4	ROUND PLUG
31	12	CLIP PIN
32	2	3/8-16 x 2 HEX HEAD SCREW
33	20	3/8-16 HEX NUT
34	6	5/16-18 x 3/4 HEX HEAD SCREW
35	8	1/4-20 x 1/2 HEX HEAD SCREW
36	46	3/8-16 x 3/4 HEX HEAD SCREW
37	2	1/4 WASHER
38	2	1/4-28 x 3/4 HEX HEAD BOLT
39	2	1/4-28 HEX NUT
40	4	SQUARE PLUG

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDC CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

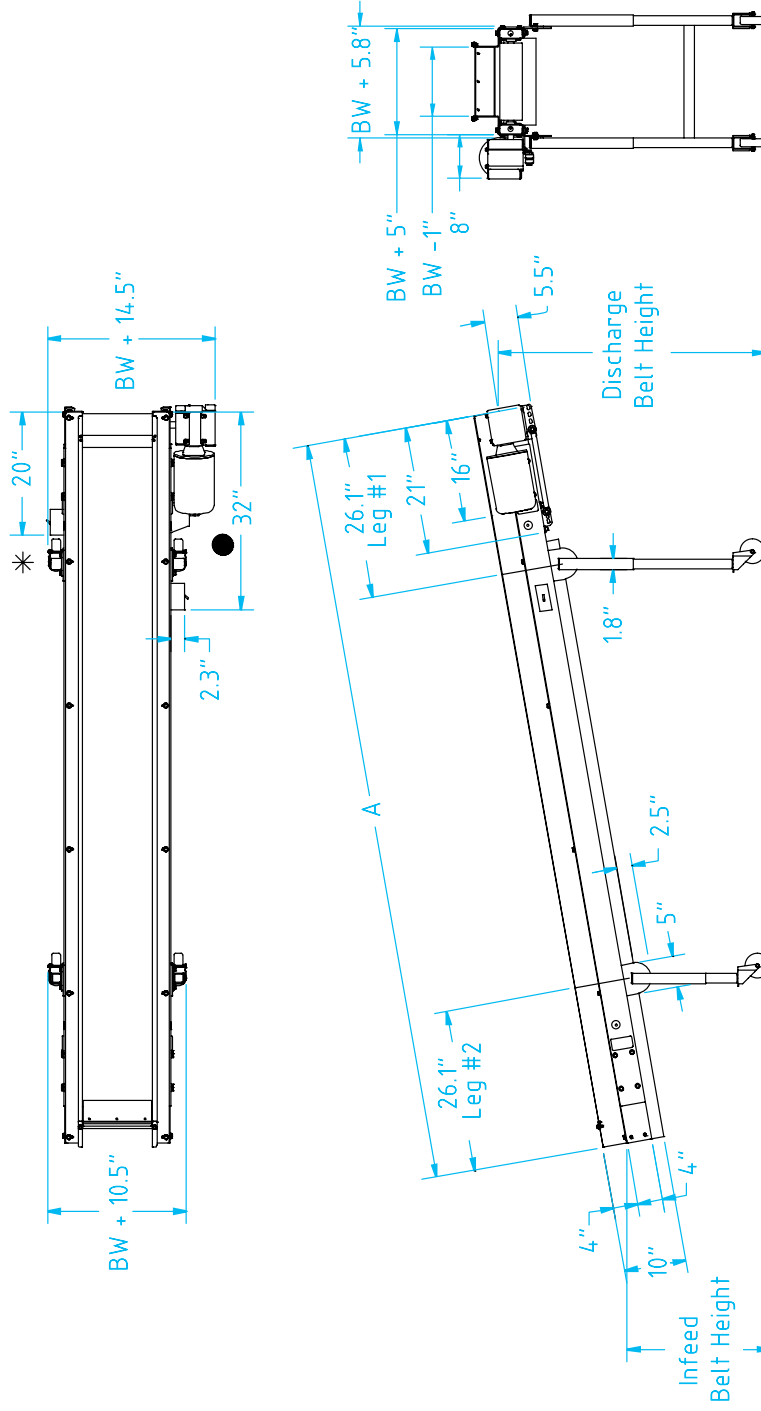
DDC CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

● Standard starter position (specify if other location).

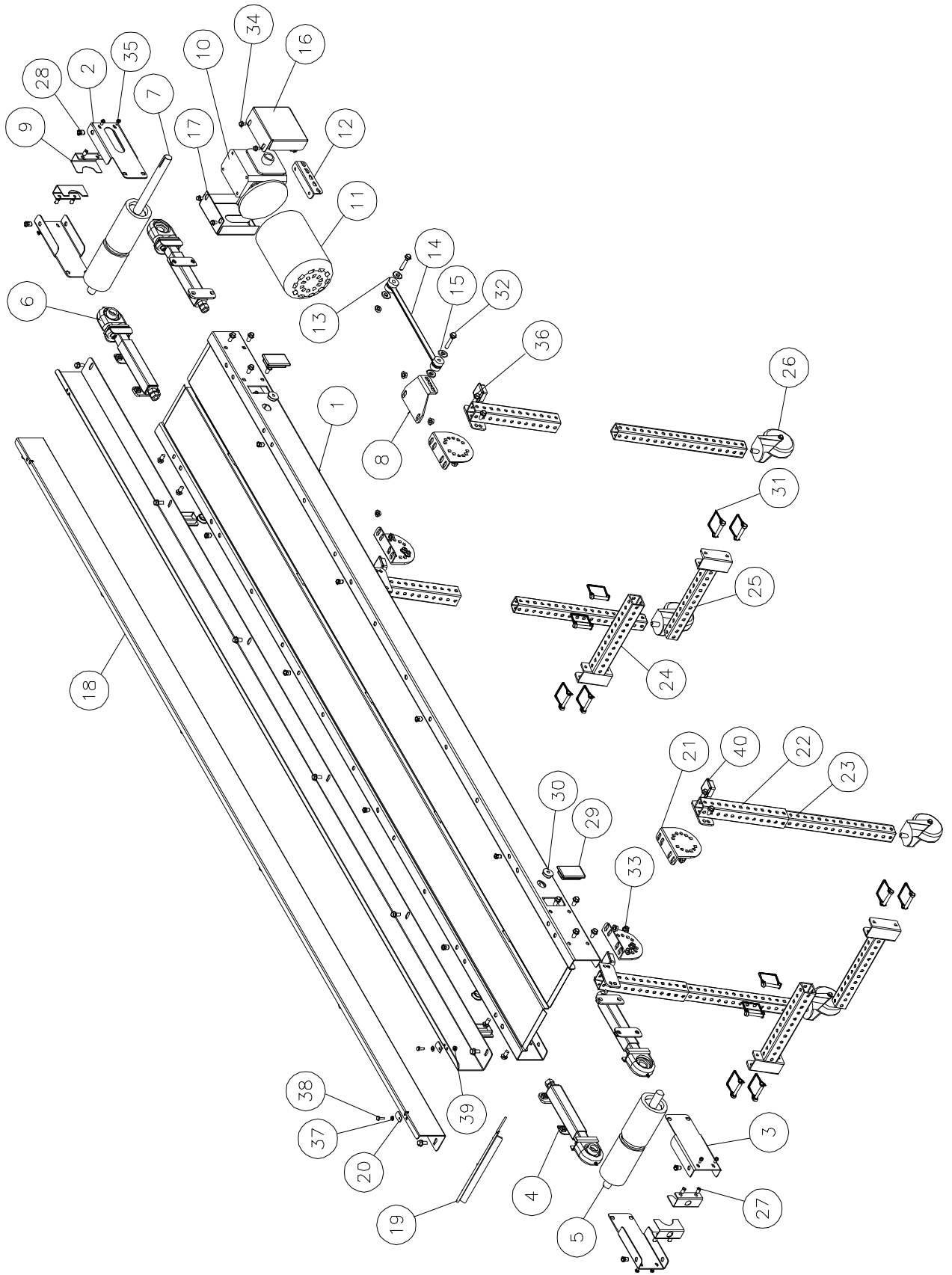
* Starter position for 8' or shorter conveyors.

Leg set #1 will be located under drive package for 3'-6" long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDC CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDC CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSY
2	1	DRIVE SIDE PULLEY GUARD
3	3	PULLEY GUARD
4	2	TAKE-UP BEARING (TAIL)
5	1	TAIL PULLEY
6	2	TAKE-UP BEARING (DRIVE)
7	1	DRIVE PULLEY
8	1	REACTION ROD BRACKET
9	4	BEARING COVER
10	1	REDUCER
11	1	MOTOR
12	1	REACTION ROD BRACKET (REDUCER)
13	2	BLUE UNIVERSAL MOUNT (THIN)
14	1	REACTION ROD
15	4	3/8 FLAT WASHER
16	1	DIRECT DRIVE GUARD (OUTSIDE)
17	1	DIRECT DRIVE GUARD (INSIDE)
18	2	RAILS
19	1	FLAPPER
20	2	FLAPPER CLIP

ITEM	QTY	PART DESCRIPTION
21	4	LEG MOUNTING BRACKET
22	4	TELESPAR LEG EXTENSION
23	4	TELESPAR LEG WELDMENT
24	2	ADJUSTABLE LEG BRACE EXTENSION
25	2	ADJUSTABLE LEG BRACE
26	4	CASTOR
27	8	1/4-20 NUTSERT
28	12	3/8-16 NUTSERT
29	4	3"x1-1/2" PLUG
30	4	ROUND PLUG
31	12	CLIP PIN
32	2	3/8-16 x 2 HEX HEAD SCREW
33	20	3/8-16 HEX NUT
34	6	5/16-18 x 3/4 HEX HEAD SCREW
35	8	1/4-20 x 1/2 HEX HEAD SCREW
36	46	3/8-16 x 3/4 HEX HEAD SCREW
37	2	1/4 WASHER
38	2	1/4-28 x 3/4 HEX HEAD BOLT
39	2	1/4-28 HEX NUT
40	4	SQUARE PLUG

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

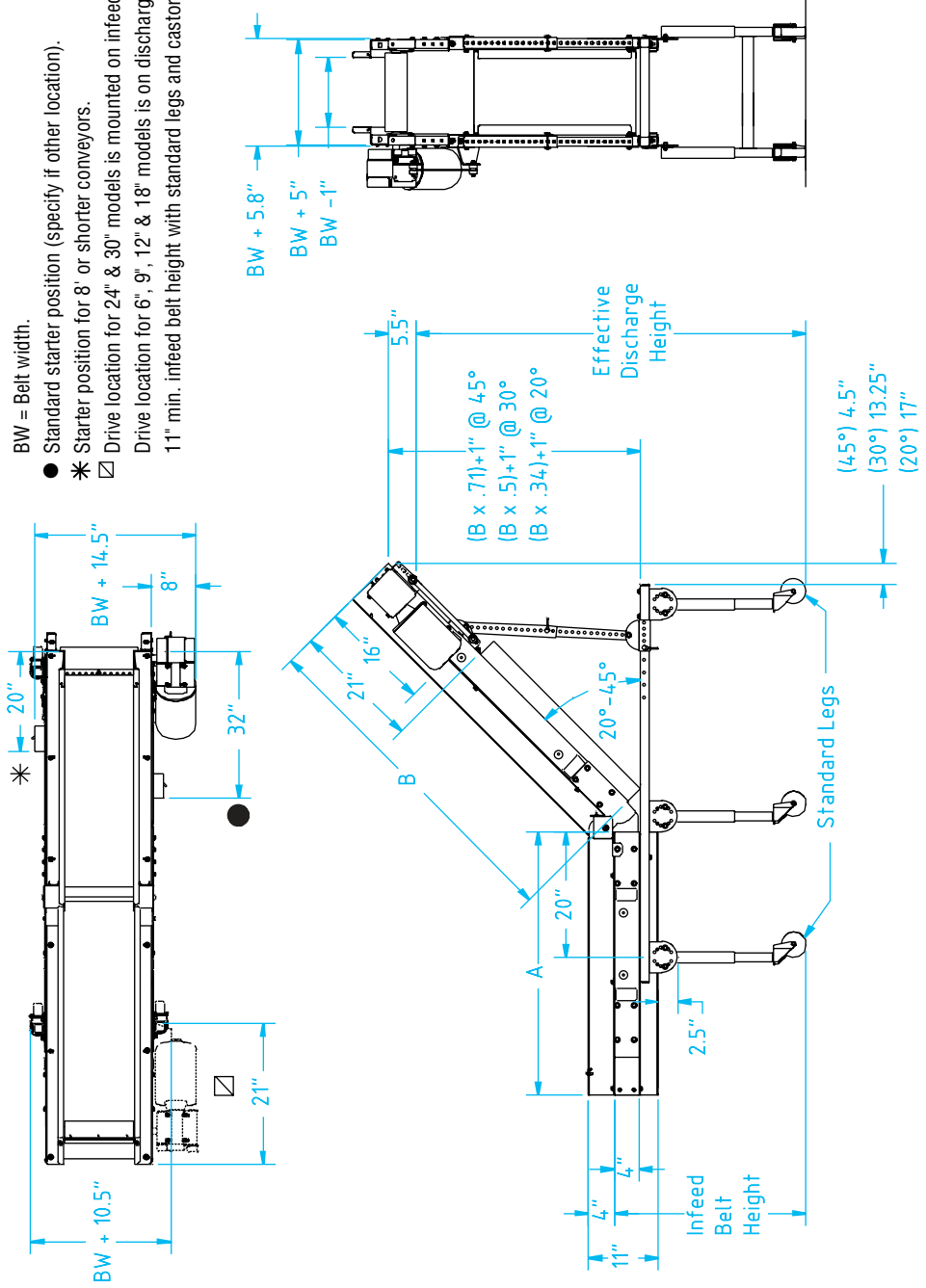
DDK CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

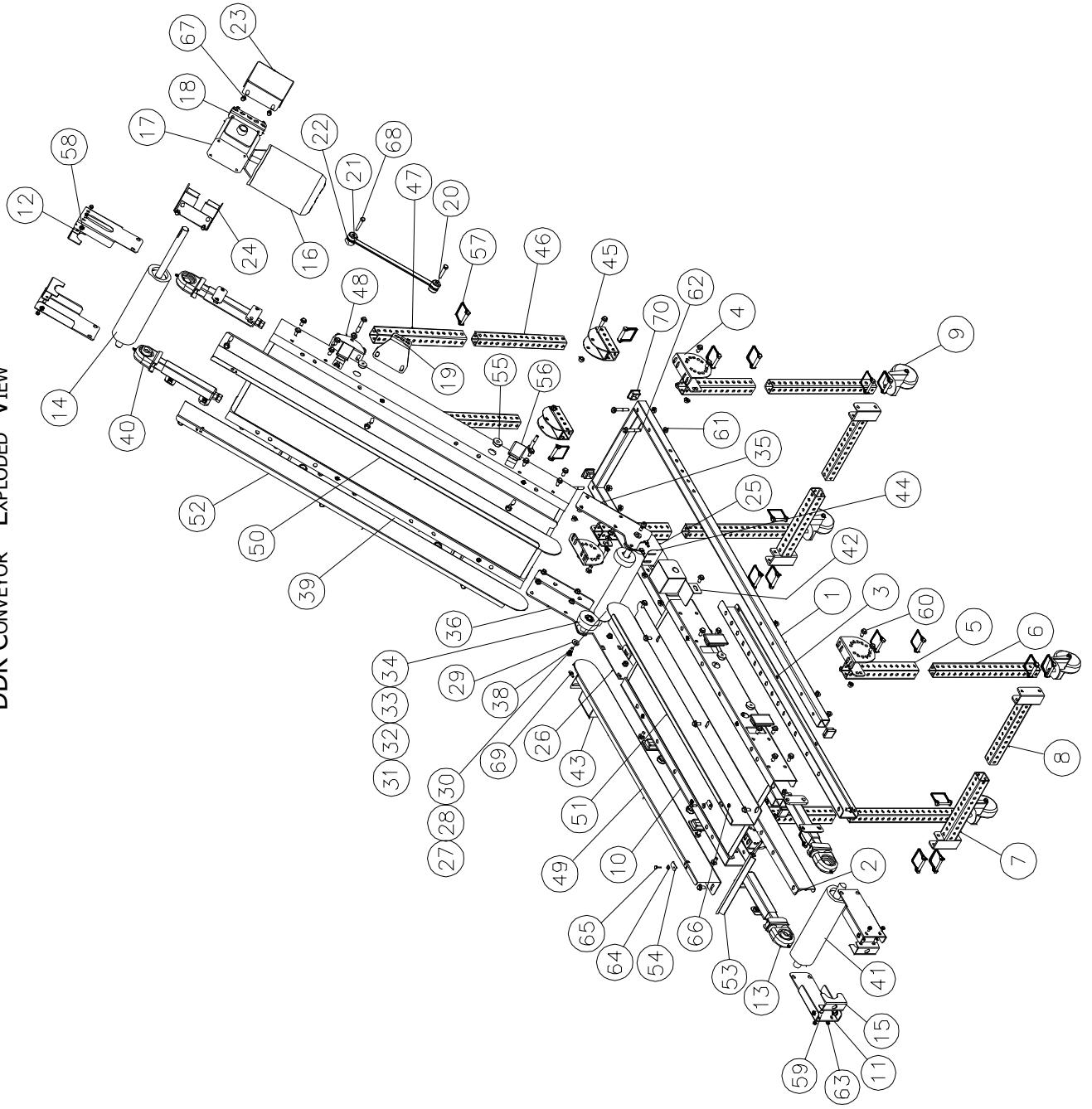
DDK CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.
- ☒ Drive location for 24' & 30' models is mounted on infeed end.
- Drive location for 6', 9', 12' & 18' models is on discharge.
- 11" min. infeed belt height with standard legs and castors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDK CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDK CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	SUB-BASE
2	1	L.H. BOTTOM BELT GUARD
3	1	R.H. BOTTOM BELT GUARD
4	4	LEG MOUNTING BRACKET
5	4	TELESPAR LEG EXTENSION
6	4	TELESPAR LEG WELDMENT
7	2	ADJUSTABLE LEG BRACE EXTENSION
8	2	ADJUSTABLE LEG BRACE
9	4	CASTOR
10	1	FRAME
11	3	PULLEY GUARD
12	1	DRIVE SIDE PULLEY GUARD
13	2	TAIL BEARING
14	1	DRIVE PULLEY
15	4	BEARING COVER
16	1	MOTOR
17	1	REDUCER
18	1	REACTION ROD BRACKET (REDUCER)
19	1	REACTION ROD BRACKET
20	1	REACTION ROD
21	2	BLUE UNIVERSAL MOUNT (THIN)
22	4	3/8 FLAT WASHER
23	1	DIRECT DRIVE GUARD (OUTSIDE)
24	1	DIRECT DRIVE GUARD (INSIDE)
25	1	L.H. TRANSITION CONNECTING BRACKET
26	1	R.H. TRANSITION CONNECTING BRACKET
27	1	IDLER ROLLER SHAFT
28	2	IDLER ROLLER SPACER
29	1	IDLER ROLLER SPACER
30	2	ROLLER
31	2	TRANSITION IDLER WHEEL
32	2	SNAP RING
33	2	SNAP RING
34	2	ROLLER BEARING
35	1	L.H. TRANSITION CONNECTING BRACKET

ITEM	QTY	PART DESCRIPTION
36	1	R.H. TRANSITION CONNECTING BRACKET
37	4	1/2 WASHER
38	2	3/8-16 - 1/2 x 3/8 SOCKET HEAD SHOULDER SCREW
39	1	FRAME
40	2	DRIVE BEARING
41	1	TAIL PULLEY
42	1	L.H. IDLER GUARD
43	1	R.H. IDLER GUARD
44	2	ADJUSTABLE TRANSITION IDLER GUARD
45	2	ADJUSTABLE SUPPORT SLIDE BRACKET
46	2	TELESPAR LEG
47	2	TELESPAR EXTENSION
48	2	CONVEYOR TO SUB-BASE MOUNTING BRACKET
49	1	R.H. INFEED SIDERAIL
50	1	L.H. DISCHARGE SIDERAIL
51	1	L.H. INFEED SIDERAIL
52	1	R.H. DISCHARGE SIDERAIL
53	1	FLAPPER
54	2	FLAPPER CLIP
55	8	ROUND PLUG
56	8	3 x 1-1/2 PLUG
57	22	CLIP PIN
58	14	3/8-16 NUTSERT
59	8	1/4-20 NUTSERT
60	60	3/8-16 x 3/4 HEX HEAD FLANGE BOLT
61	46	3/8-16 HEX NUT
62	14	3/8-16 x 2-1/2 HEX HEAD FLANGE BOLT
63	8	1/4-20 x 1/2 HEX HEAD FLANGE BOLT
64	2	1/4 WASHER
65	2	1/4-28 x 3/4 HEX BOLT
66	2	1/4-28 HEX NUT
67	6	5/16-18 x 3/4 HEX HEAD BOLT
68	2	3/8-16 x 2 HEX BOLT
69	4	1/4-20 x 1/2 THUMB SCREW
70	4	SQUARE PLUG

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

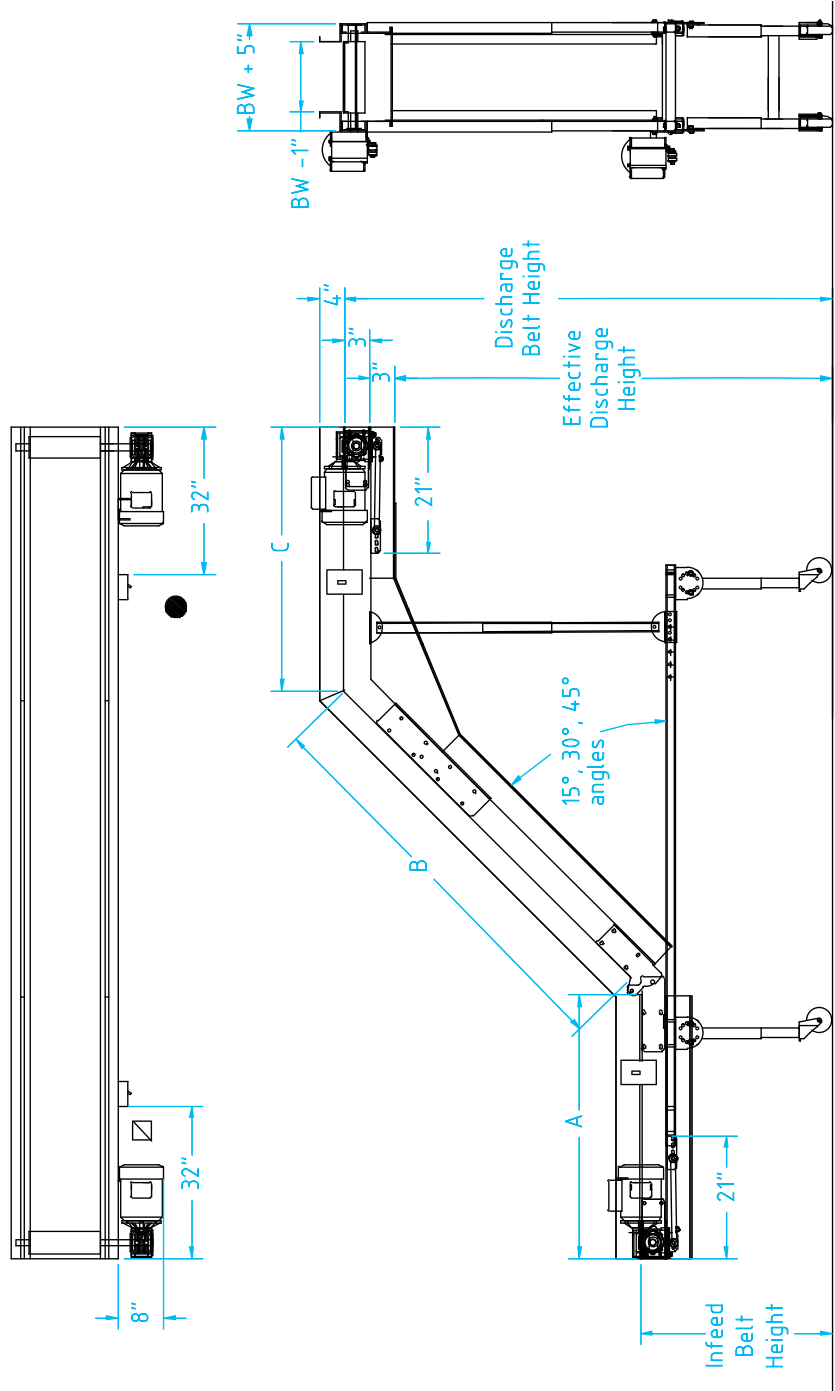
DDZ CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

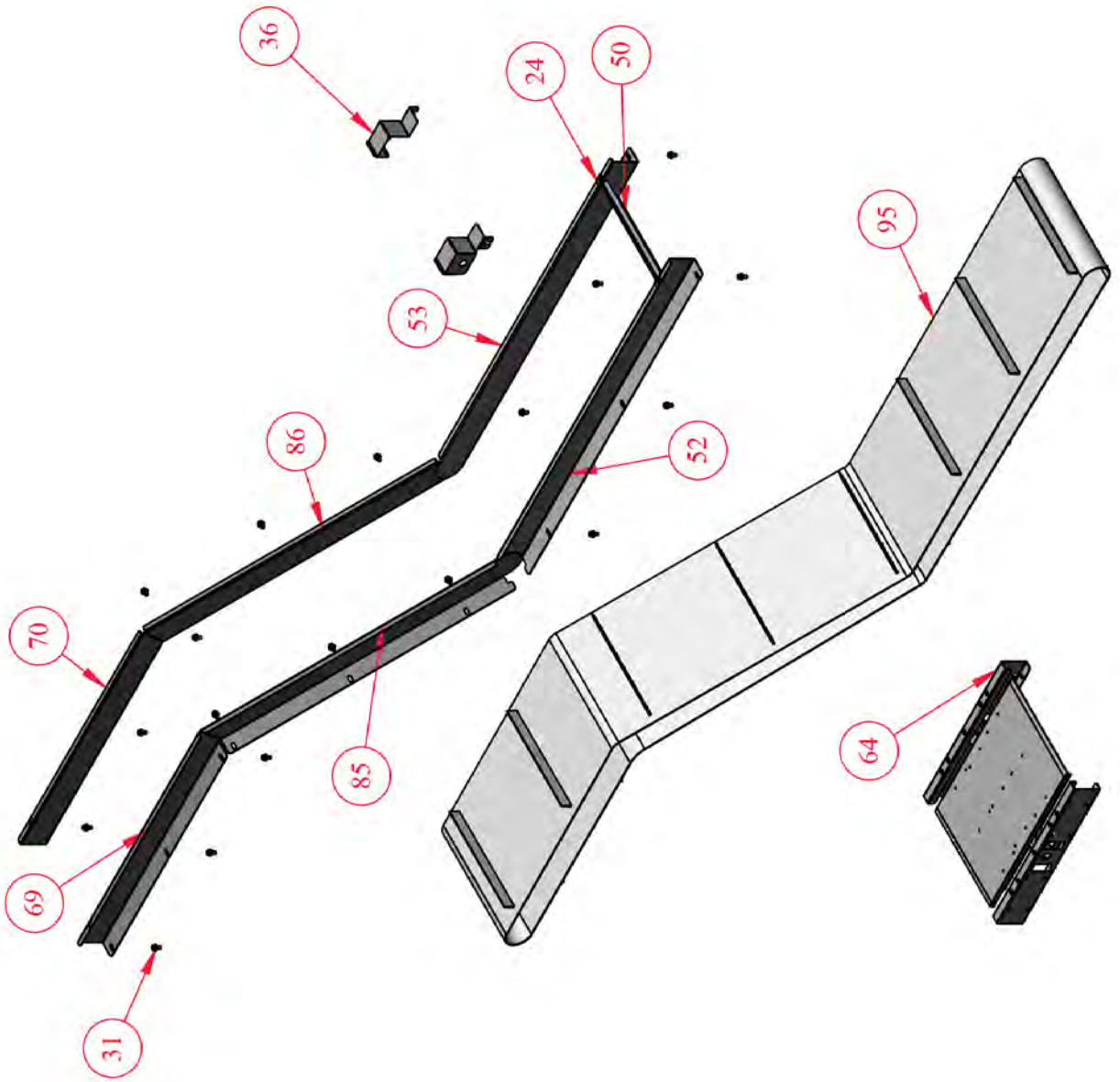
DDZ CONVEYOR - BASIC DIMENSIONS

- BW = Belt Width.
- Standard starter position (specify if other location).
- ☒ Drive location for 24" & 30" models is mounted on infeed end.
- A, B & C dimensions are in 1' increments +6".
- Drive location for 9", 12", and 18" models is mounted on discharge.
- 11" min. infeed belt height with standard legs and castors.



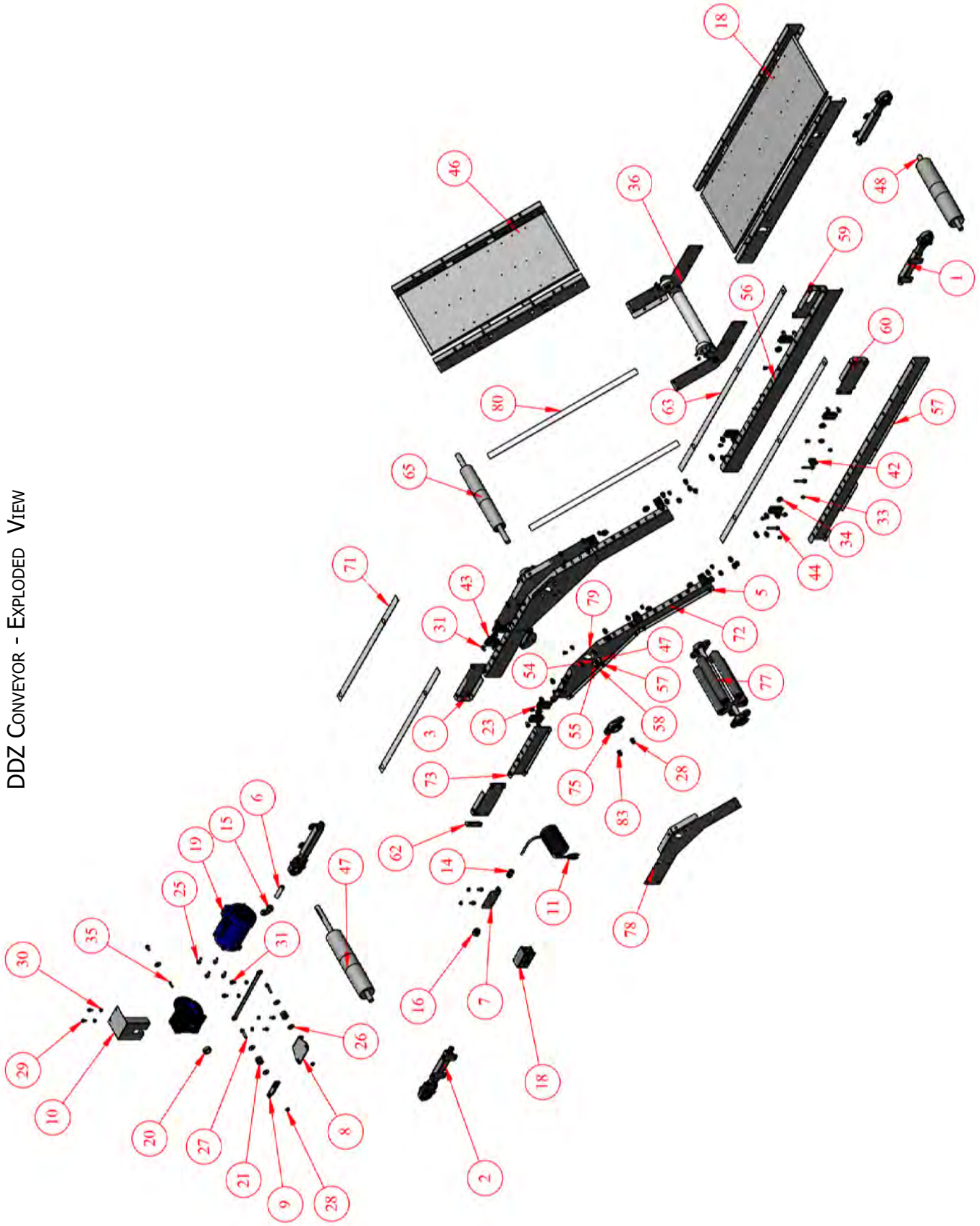
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - EXPLODED VIEW



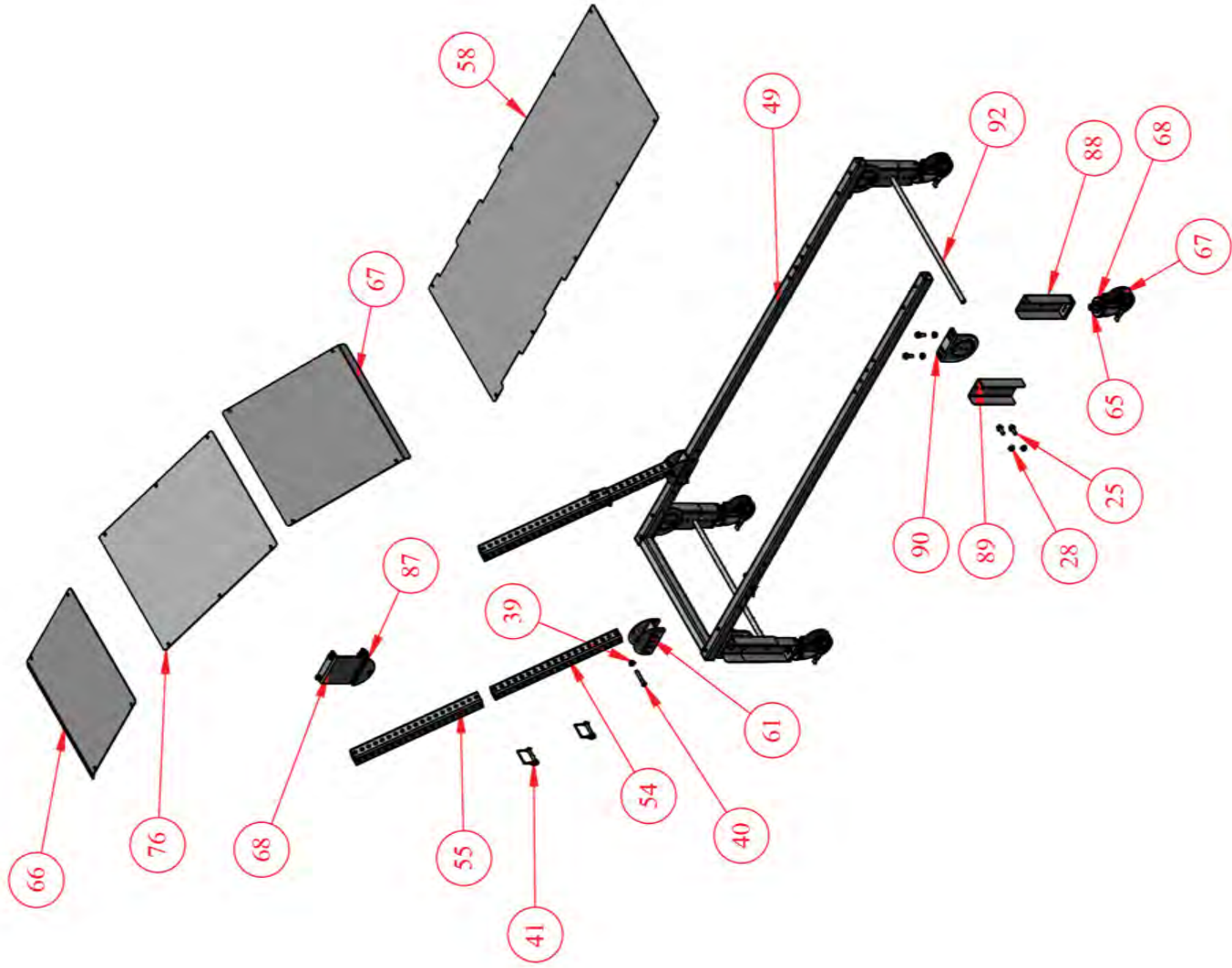
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	2M-232-3	TAKE-UP
2	2	2M-232-4	TAKE-UP
3	1	2M-38-1	REACTION ROD
4	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
5	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
6	1	4E-62-1	CONDUIT FOR STD DRV PAK
7	1	2M-14-3	FG-5 SWITCH MOUNTING BRACKET
8	1	2M-14-29	REACTION ROD BRACKET
9	1	2M-14-28-1	REACTION ROD BRACKET
10	1	2M-08-12	050 MOTOVARIO GEARBOX
11	1	2E-263-1	15' POWER CORD
12	1	EL-533	SQ.D. HEATER A9.85
13	3	EL-455	WIRE NUT "Y" TYPE
14	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
15	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
16	1	EL-354	.500 INCH STRAIGHT CONNECTOR
17	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)
18	1	EL-168	SWITCH - FG5 SQ. D.
19	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
20	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
21	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
22	1	CP-3289	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
23	12	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
24	2	EL-394	HEYCO SNAP BUSHING #2182
25	26	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
26	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
27	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
28	82	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
29	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
30	8	CP-3786	5/16 FLANGE HEX NUT
31	105	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
32	30	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
33	22	CP-3068	HEX FLANGE NUT 0.25-20
34	7	EL-395	HEYCO DOME PLUG #2733
35	1	CP-1003	1/4"SQ x 1.500 KEY
36	1	DDK-227-3-W	ADK/DDK TRANSITION ASSY
37	8	CP-2132	1/4 - 20 AVIBANK NUTSERT
38	6	CP-3342	FLAT WASHER .375
39	24	CP-3299	3/8-16 SERRATED FLANGE
40	4	CP-3296	HEX SOCKET BUTTON HEAD SCREW .375-16 x 2.500
41	5	CP-2889	SAFETY SNAP PIN McMASTER CARR #98416A018
42	4	CP-2321	PLASTIC CAP 1.500x1.500 SQUARE
43	20	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
44	8	CP-3050	HEX SERRATED FLANGE SCREW 0.375-16x2.500" ZINC PLATED
45	1	2M-206-L-W-DV	DD FRAME WELD ASSY.
46	1	2M-206-L-W-DV	DD FRAME WELD ASSY.
47	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
48	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
49	1	4M-241-1-W-L	SUB-BASE WELD ASSY
50	1	2E-249-5-W	NEW STYLE LEXAN FLAPPER
51	2	2E-01-10	FLAPPER CLIP
52	1	2M-33-151-L	SIDE RAIL
53	1	2M-33-152-L	SIDE RAIL
54	2	4M-36-14-L	TELESPAR LEG
55	2	4M-36-15-L	TELESPAR EXT
56	1	2M-44-14-L	4" LH BOTTOM BELT GUARD SIDE
57	1	2M-44-15-L	4" RH BOTTOM BELT GUARD SIDE
58	1	2M-45-11-W-L	BOTTOM BELT TRAY
59	1	2M-08-2	DRIVE SIDE PULLEY GUARD
60	3	2M-08-1	PULLEY GUARD

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

DDZ CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
61	2	2M-229-5	DDK ADJUSTING SUPPORT
62	4	2M-67-1	BEARING COVER
63	2	4M-31-26-L	SIDE RAIL SPACER
64	1	2M-206-L-W-DV	DD FRAME WELD ASSY.
65	1	3E-240-123-W	TOP IDLER ROLLER
66	1	3M-45-81-1-L-W	BOTTOM BELT TRAY FOR DDZ
67	1	3M-45-81-2-L-W	BOTTOM BELT TRAY FOR DDZ
68	2	3E-31-429	DDK ADJUST BRACKET SPACER
69	1	3E-33-3267-L-(L/R)	4"-90DEG SIDE RAIL FOR NOSE OVER
70	1	3E-33-3267-L-(L/R)	4"-90DEG SIDE RAIL FOR NOSE OVER
71	2	4M-31-26-25	SIDE RAIL SPACER
72	2	3M-44-58-L	4"DROP BOTTOM SIDE GUARDS
73	2	3M-44-58-L	4"DROP BOTTOM SIDE GUARDS
74	2	3E-40-88-BI-1	SUPPORT
75	2	CP-834	2 BOLT FLANGE BEARING
76	1	3M-45-81-T-W	BOTTOM BELT TRAY FOR DDZ
77	1	3M-240-13-W	RETURN IDLER ROLLER
78	2	ACN-244-4	45 DEG TRANSITION SIDE
79	2	3M-44-57-T	TRANSITION SIDE FOR A DDC N.O.
80	2	4M-31-27-L	1/16" x 1 1/2" SIDE RAIL SPACER
81	2	CP-131	HEX HEAD SCREW .375-24 x 2.500
82	4	CP-513	HEX NUT .375-24
83	8	CP-465	CARRIAGE BOLT .375-16 x 1.000
84	4	CP-102	HEX HEAD SCREW .313-18 x 2.000
85	1	3E-33-3266-L-(L/R)	SIDE RAIL FOR 45 DEG DDZ
86	1	3E-33-3266-L-(L/R)	SIDE RAIL FOR 45 DEG DDZ
87	2	4M-14-23	CONV. TO SUB-BASE LEG MNT.
88	4	2E-236-X	LEG WELD ASSY
89	4	2E-36-X	LEG EXTENSION
90	4	2M-14-16	LEG MOUNTING BRACKET
91	4	CP-508	HEX JAM NUT .500-13
92	2	3E-41-1062-L	CROSS BRACE
93	4	CP-1239	SWIVEL CASTER, 4" X 1 3/8"
94	4	4E-31-28	SPACER FOR K-3, K-4 CASTORS
95	1	BELT	BELT FOR DDZ

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

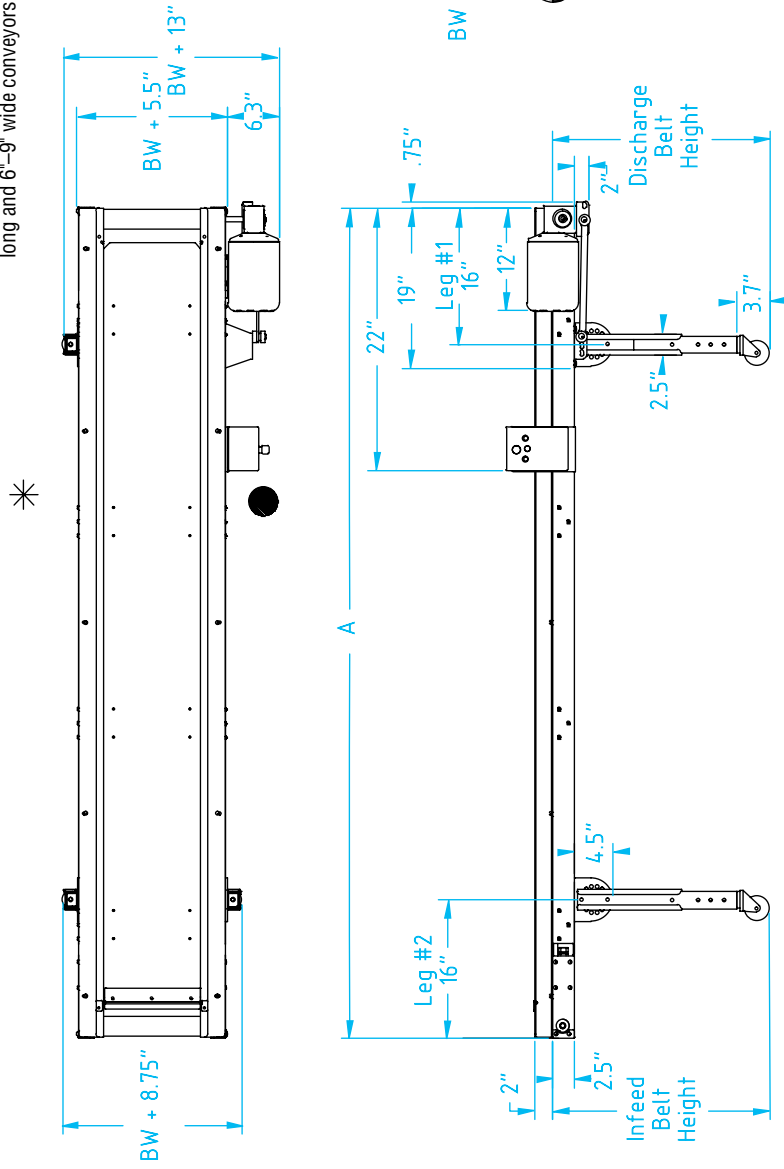
ATL CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

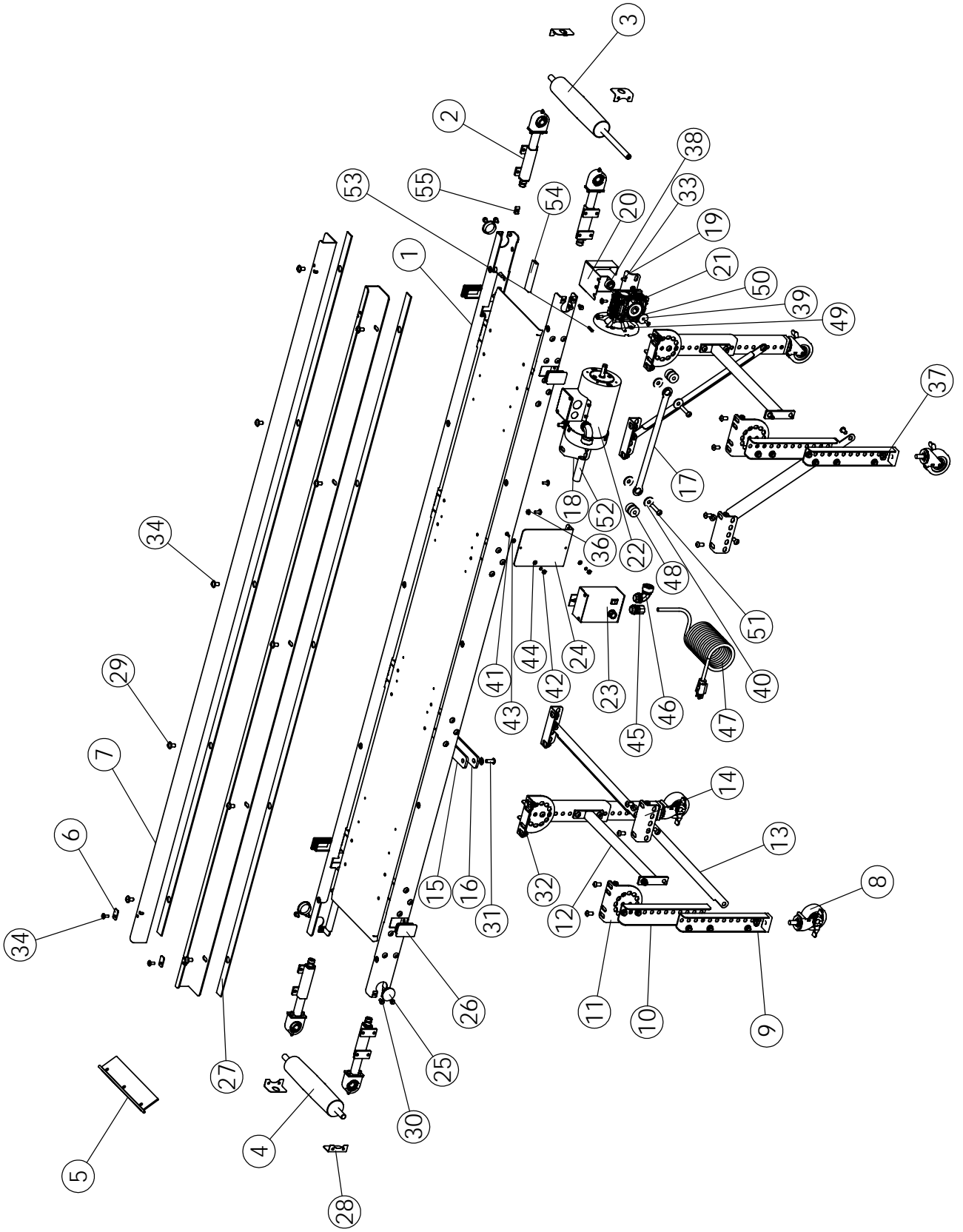
ATL CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.
 Leg set #1 will be located under drive package for 3'-6' long and 6'-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATL CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATL CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSEMBLY
2	4	TAKE-UP
3	1	DRIVE PULLEY
4	1	TAIL PULLEY
5	1	FLAPPER ASSEMBLY
6	2	FLAPPER CLIP
7	2	SIDE RAIL
8	4	CASTER
9	4	LEG - CONSULT FACTORY
10	4	LEG EXTENSION - CONSULT FACTORY
11	4	LEG MOUNTING BRACKET
12	2	CROSS BRACE
13	4	KNEE BRACE - CONSULT FACTORY
14	4	LEG BRACE SUPPORT
15	1	BELT SUPPORT
16	1	BELT SUPPORT
17	1	REACTION ROD
18	1	MOTOR SUPPORT BRACKET
19	1	MOTOR MOUNTING BRACKET
20	1	MOTOR COVER
21	1	GEARBOX - SEE SPEC SHEET
22	1	MOTOR - SEE SPEC SHEET
23	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
24	1	CONTROL MOUNTING PLATE
25	3	1.5" ROUND CAP
26	4	1.5" X 2.5" RECTANGULAR CAP
27	2	SIDE RAIL SPACER
28	4	FRAME END GUARD

ITEM	QTY	PART DESCRIPTION
29	72	3/8-16 X 3/4" HHCS
30	8	1/4-20 X 1/2" HEX FLANGE SCREW
31	2	3/8-16 X 1" HHCS
32	50	3/8-16 SERATED FLANGE LOCKNUT
33	13	1/4-20 X 3/4" HEX FLANGE SCREW
34	14	3/8" FLAT WASHER
35	8	1/4" FLAT WASHER
36	4	1/4-20 LOCKNUT
37	4	1/2-13 HEX HALF-NUTS
38	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
39	1	1/4 X 1-1/4 FENDER WASHER
40	4	3/8" FLAT WASHER
41	2	#10-32 X 1/2" RHMS
42	2	#10-32 HEX NYLON INSERT LOCKNUT
43	4	3/16" FLAT WASHER
44	2	#10 LIGHT LOCK WASHER
45	1	WATER TIGHT ENTRANCE CONNECTOR
46	2	90 DEGREE ELBOW
47	1	15' POWER CABLE
48	2	REACTION ROD UNIVERSAL MOUNT
49	4	1/4" LOCK WASHER
50	4	1/4-20 HEX SERATED FLANGE LOCKNUT
51	2	3/8-16 X 2" HHCS
52	1	CONDUIT
53	1	3/16" SQ. X 1" KEY
54	4	1/8" SPACER, J-LOCK STYLE
55	8	TINNERMAN FASTENER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

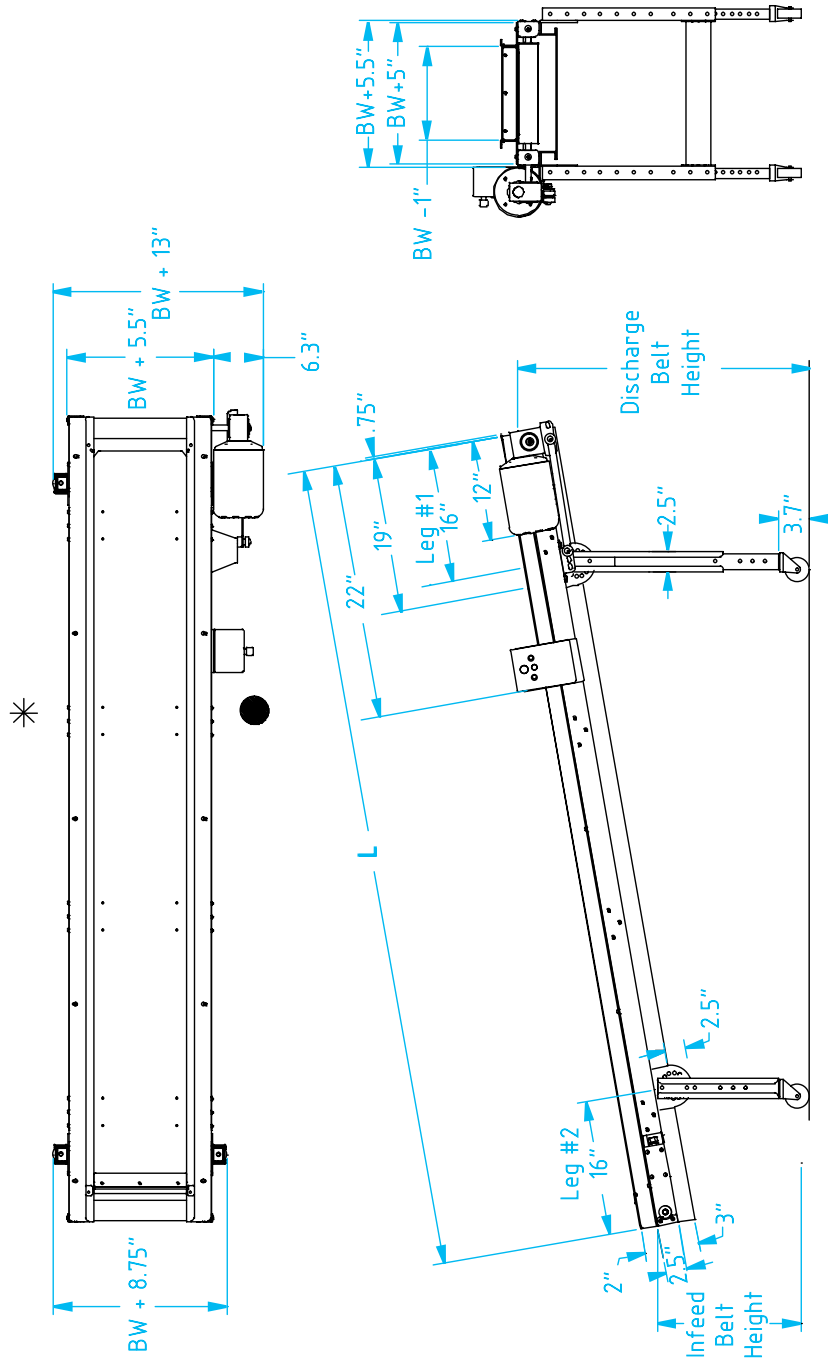
ATLC CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

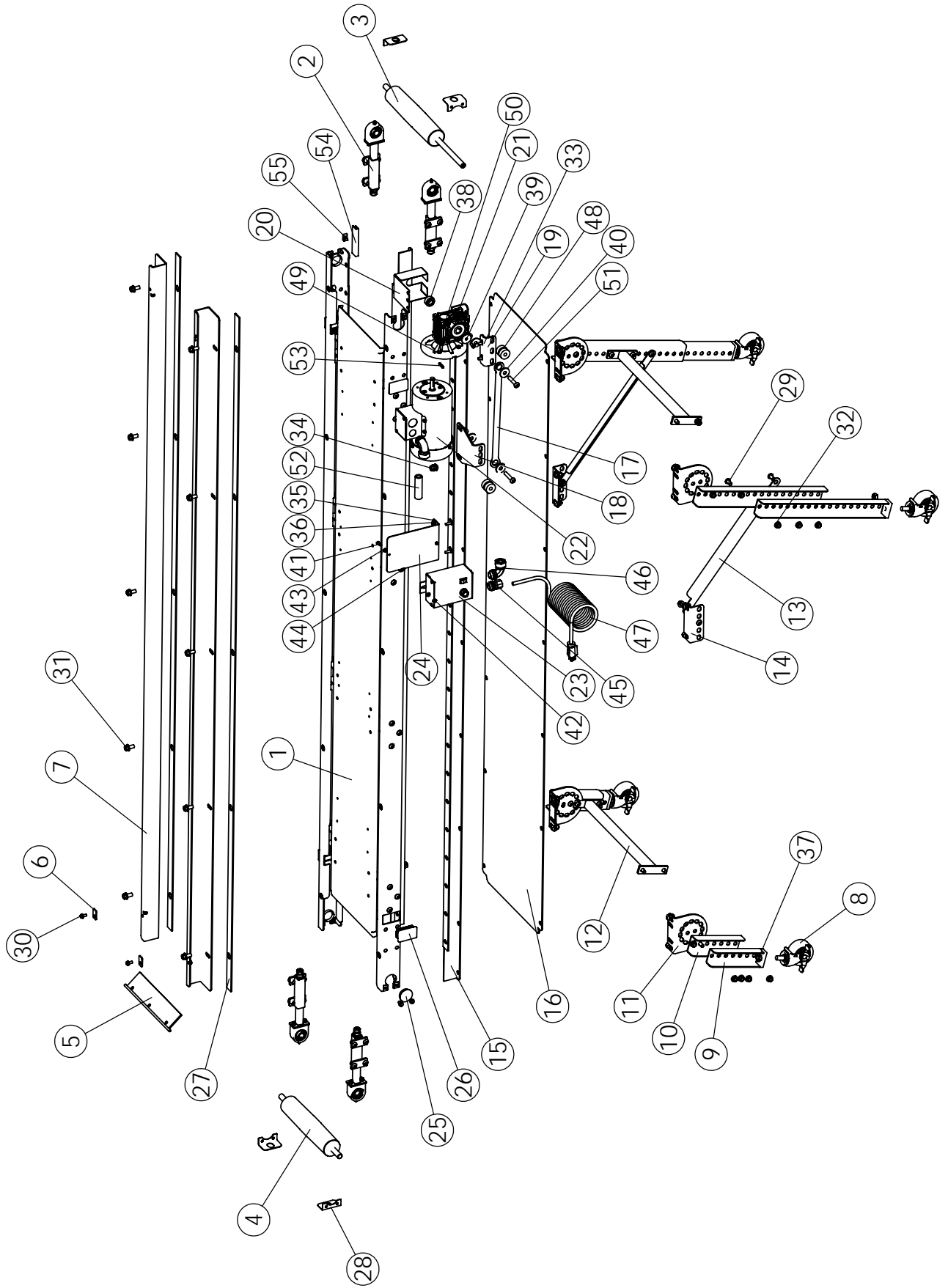
ATLC CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.
 Leg set #1 will be located under drive package for 3'-6' long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATLC CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATLC CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSEMBLY
2	4	TAKE-UP
3	1	DRIVE PULLEY
4	1	TAIL PULLEY
5	1	FLAPPER ASSEMBLY
6	2	FLAPPER CLIP
7	2	SIDE RAIL
8	4	CASTER
9	4	LEG - CONSULT FACTORY
10	4	LEG EXTENSION - CONSULT FACTORY
11	4	LEG MOUNTING BRACKET
12	2	CROSS BRACE
13	2	KNEE BRACE - CONSULT FACTORY
14	2	LEG BRACE SUPPORT
15	2	BOTTOM SLIDE TRAY SIDE
16	1	BOTTOM SLIDE TRAY
17	1	REACTION ROD
18	1	MOTOR SUPPORT BRACKET
19	1	MOTOR MOUNTING BRACKET
20	1	MOTOR COVER
21	1	GEARBOX - SEE SPEC SHEET
22	1	MOTOR - SEE SPEC SHEET
23	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
24	1	CONTROL MOUNTING PLATE
25	3	1.5" ROUND CAP
26	4	1.5" X 2.5" RECTANGULAR CAP
27	2	SIDE RAIL SPACER
28	4	FRAME END GUARD

ITEM	QTY	PART DESCRIPTION
29	57	3/8-16 X 3/4" HHCS
30	10	1/4-20 X 1/2" HEX FLANGE SCREW
31	10	3/8-16 X 1" HHCS
32	43	3/8-16 SERATED FLANGE LOCKNUT
33	11	1/4-20 X 3/4" HEX FLANGE SCREW
34	5	3/8" FLAT WASHER
35	6	1/4" FLAT WASHER
36	2	1/4-20 LOCKNUT
37	4	1/2-13 HEX HALF-NUTS
38	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
39	1	1/4 X 1-1/4 FENDER WASHER
40	4	3/8" FLAT WASHER
41	2	#10-32 X 1/2" RHMS
42	2	#10-32 HEX NYLON INSERT LOCKNUT
43	4	3/16" FLAT WASHER
44	2	#10 LIGHT LOCK WASHER
45	1	WATER TIGHT ENTRANCE CONNECTOR
46	2	90 DEGREE ELBOW
47	1	15' POWER CABLE
48	2	REACTION ROD UNIVERSAL MOUNT
49	4	1/4" LOCK WASHER
50	6	1/4-20 HEX SERATED FLANGE LOCKNUT
51	2	3/8-16 X 2" HHCS
52	1	CONDUIT
53	1	3/16" SQ. X 1" KEY
54	4	1/8" SPACER, J-LOCK STYLE
55	8	TINNERMAN FASTENER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

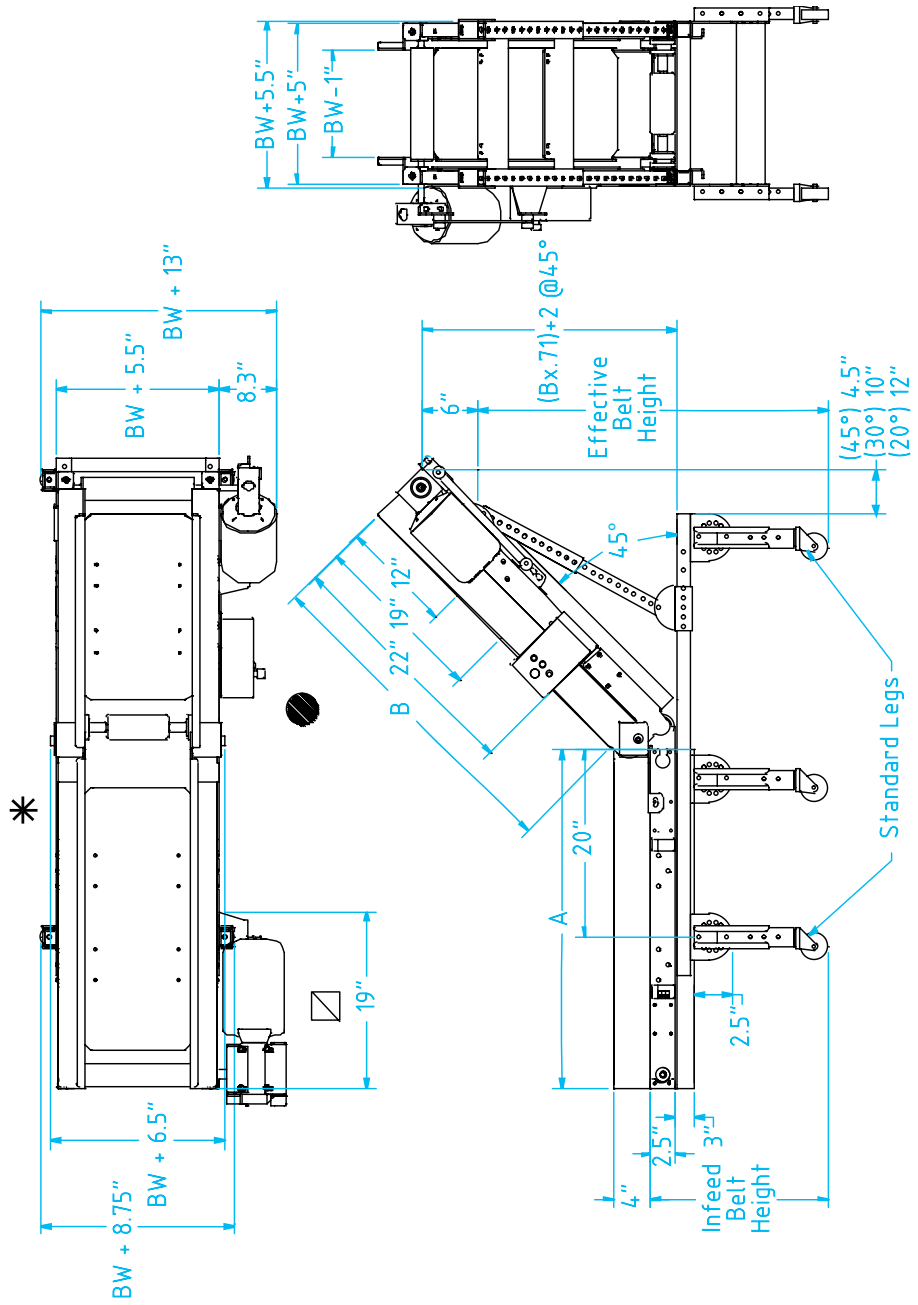
ATLK CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

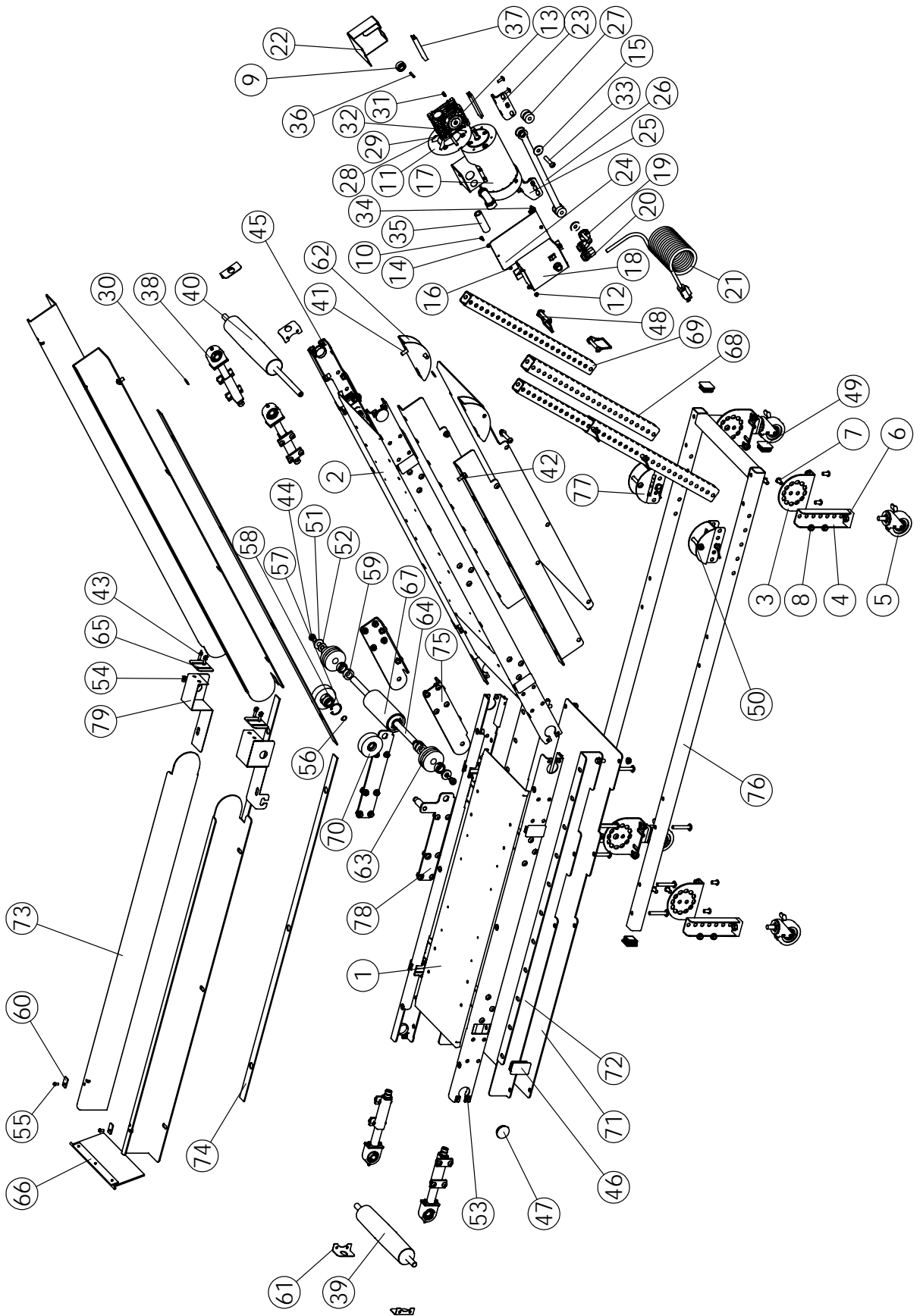
ATLK CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- Drive location for 24" models is mounted on infeed end.
- Drive location for 6", 9", 12" & 18" models is on discharge.
- * 9" min. infeed belt height with standard legs and castors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATLK CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ATLK CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	INFEED FRAME ASSEMBLY
2	1	DISCHARGE FRAME ASSEMBLY
3	4	LEG MOUNTING BRACKET - CONSULT FACTORY
4	4	LEG - CONSULT FACTORY
5	4	CASTER
6	4	1/2-13 HEX HALF-NUTS
7	60	3/8-16 X 3/4" HHCS
8	62	3/8-16 SERATED FLANGE LOCKNUT
9	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
10	2	#10-32 X 1/2" RHMS
11	1	GEARBOX - SEE SPEC SHEET
12	2	#10-32 HEX NYLON INSERT LOCKNUT
13	1	1/4 X 1-1/4 FENDER WASHER
14	4	3/16" FLAT WASHER
15	4	3/8" FLAT WASHER
16	2	#10 LIGHT LOCK WASHER
17	1	MOTOR - SEE SPEC SHEET
18	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
19	2	90 DEGREE ELBOW
20	1	90 DEGREE ELBOW
21	1	15' POWER CABLE
22	1	MOTOR COVER
23	1	MOTOR MOUNTING BRACKET
24	1	CONTROL MOUNTING PLATE
25	1	MOTOR SUPPORT BRACKET
26	1	REACTION ROD -
27	2	REACTION ROD UNIVERSAL MOUNT
28	4	1/4" LOCK WASHER
29	11	1/4-20 X 3/4" HEX FLANGE SCREW
30	14	3/8" FLAT WASHER
31	4	1/4-20 HEX SERATED FLANGE LOCKNUT
32	6	1/4" FLAT WASHER
33	2	3/8-16 X 2" HHCS
34	4	1/4-20 LOCKNUT
35	1	CONDUIT
36	1	3/16" SQ. X 1" KEY
37	4	1/8" SPACER, J-LOCK STYLE
38	4	TAKE-UP
39	1	TAIL PULLEY

ITEM	QTY	PART DESCRIPTION
40	1	DRIVE PULLEY
41	4	3/8-16 X 1" HHCS
42	4	3/8-16 X 3/4" HHCS
43	4	1/4-20X3/4 SHOULDER THUMB SCREW
44	2	1/2"ODx3/8 LONG SHOULDER 3/8-16 THREAD
45	8	TINNERMAN FASTENER
46	8	1.5" X 2.5" RECTANGULAR CAP
47	5	1.5" ROUND CAP
48	6	SAFETY SNAP PIN
49	4	1.5" x 1.5" BLACK PLUG
50	10	3/8-16 X 2 1/2" HHCS
51	2	SST 1/2" FL WASHER
52	2	1/2" FLAT WASHER
53	8	1/4-20 X 1/2" HEX FLANGE SCREW
54	4	1/4-20 NUTSERT
55	2	1/4-20X1/2 BHSCS
56	2	SNAP RING, 15MM EXTERNAL RING
57	2	SNAP RING 35MM DIA
58	2	ROLLER BEARING
59	6	3/4 X 1-1/4 X 9/16 SET SCREW COLLAR
60	2	FLAPPER CLIP
61	4	FRAME END GUARD
62	2	UPPER LEG MOUNTING BRACKET
63	2	RETURN IDLER TRANSITION WHEEL
64	1	RETURN IDLER SHAFT
65	2	TRANSITION PINCH IDLER GUARD
66	1	FLAPPER ASSEMBLY
67	1	RETURN IDLER ROLLER 2 9/16" DIA.
68	2	SUB-BASE TO CONV EXTENSION - CONSULT FACTORY
69	2	LEG FROM SUB-BASE TO CONV - CONSULT FACTORY
70	2	TRANSITION PINCH IDLER ROLLER
71	1	BOTTOM SLIDE TRAY SIDE - CONSULT FACTORY
72	1	BOTTOM SLIDE TRAY - CONSULT FACTORY
73	1	SIDE RAIL - CONSULT FACTORY
74	2	SIDE RAIL SPACER
75	1	DISCH TRANSITION CONNECT PLATE
76	1	SUB-BASE WELD ASSY
77	2	SUPPORT ASSEMBLY FOR LEG
78	1	TRANSITION CONNECTING PLATE
79	2	TRANSITION IDLER GUARD

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

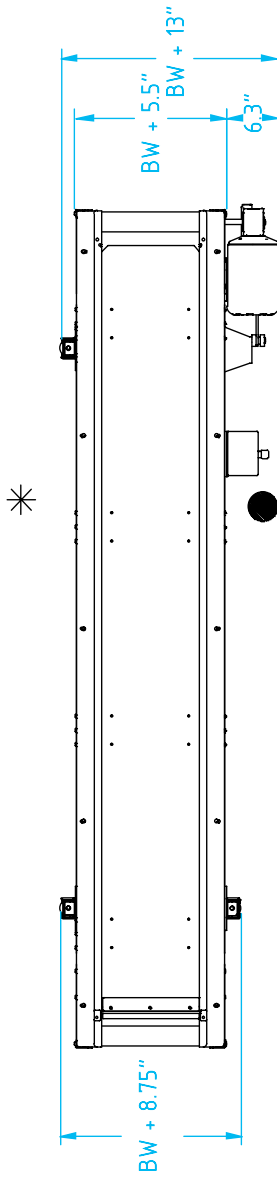
STL CONVEYOR - ASSEMBLED VIEW



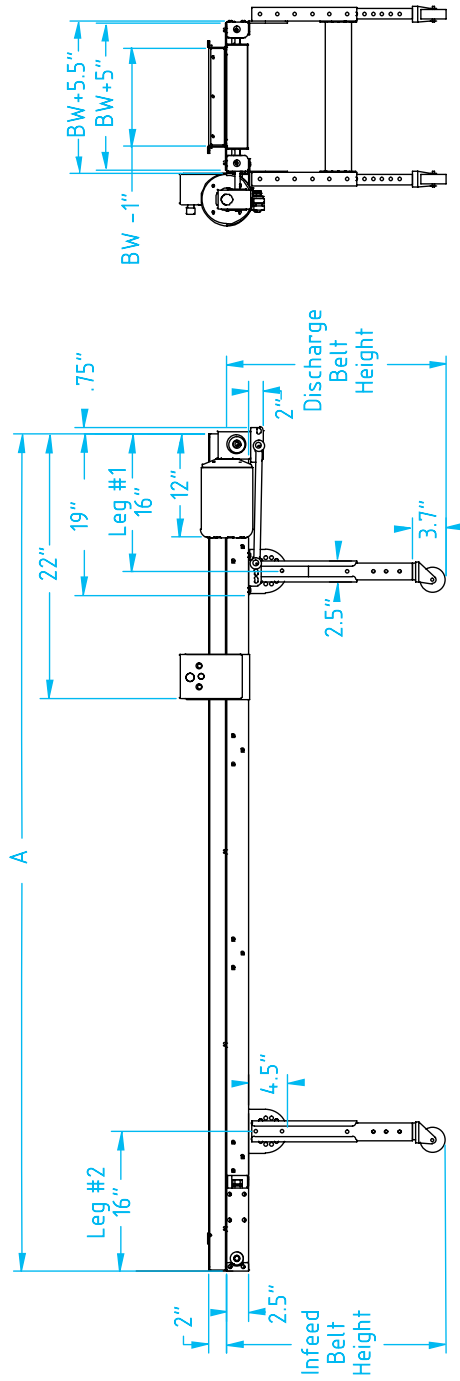
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STL CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.
 Leg set #1 will be located under drive package for 3'-6' long and 6'-9" wide conveyors.

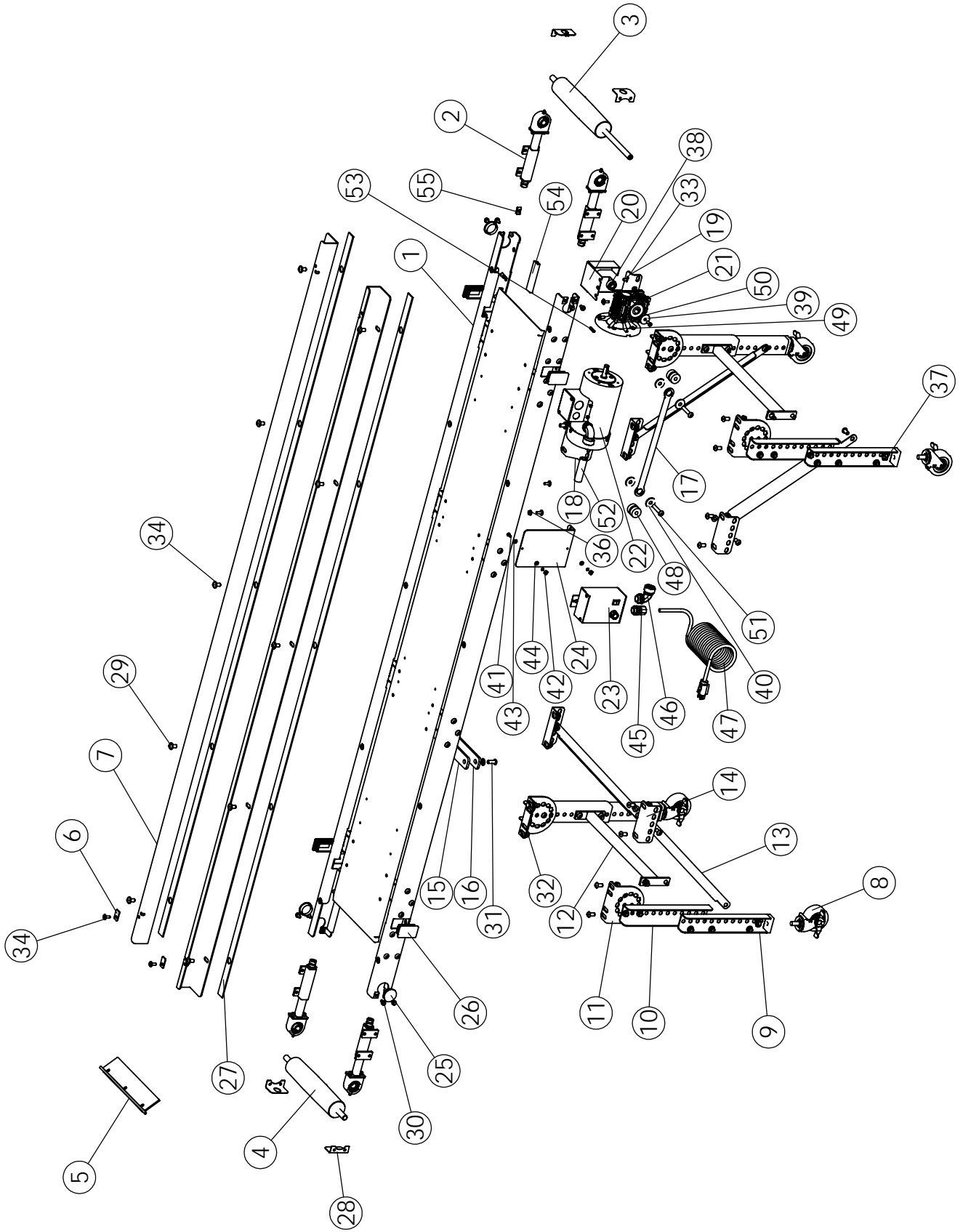


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SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STL CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STL CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSEMBLY
2	4	TAKE-UP
3	1	DRIVE PULLEY
4	1	TAIL PULLEY
5	1	FLAPPER ASSEMBLY
6	2	FLAPPER CLIP
7	2	SIDE RAIL
8	4	CASTER
9	4	LEG - CONSULT FACTORY
10	4	LEG EXTENSION - CONSULT FACTORY
11	4	LEG MOUNTING BRACKET
12	2	CROSS BRACE
13	4	KNEE BRACE - CONSULT FACTORY
14	4	LEG BRACE SUPPORT
15	1	BELT SUPPORT
16	1	BELT SUPPORT
17	1	REACTION ROD
18	1	MOTOR SUPPORT BRACKET
19	1	MOTOR MOUNTING BRACKET
20	1	MOTOR COVER
21	1	GEARBOX - SEE SPEC SHEET
22	1	MOTOR - SEE SPEC SHEET
23	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
24	1	CONTROL MOUNTING PLATE
25	3	1.5" ROUND CAP
26	4	1.5" X 2.5" RECTANGULAR CAP
27	2	SIDE RAIL SPACER
28	4	FRAME END GUARD

ITEM	QTY	PART DESCRIPTION
29	72	3/8-16 X 3/4" HHCS
30	8	1/4-20 X 1/2" HEX FLANGE SCREW
31	2	3/8-16 X 1" HHCS
32	50	3/8-16 SERATED FLANGE LOCKNUT
33	13	1/4-20 X 3/4" HEX FLANGE SCREW
34	14	3/8" FLAT WASHER
35	8	1/4" FLAT WASHER
36	4	1/4-20 LOCKNUT
37	4	1/2-13 HEX HALF-NUTS
38	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
39	1	1/4 X 1-1/4 FENDER WASHER
40	4	3/8" FLAT WASHER
41	2	#10-32 X 1/2" RHMS
42	2	#10-32 HEX NYLON INSERT LOCKNUT
43	4	3/16" FLAT WASHER
44	2	#10 LIGHT LOCK WASHER
45	1	WATER TIGHT ENTRANCE CONNECTOR
46	2	90 DEGREE ELBOW
47	1	15' POWER CABLE
48	2	REACTION ROD UNIVERSAL MOUNT
49	4	1/4" LOCK WASHER
50	4	1/4-20 HEX SERATED FLANGE LOCKNUT
51	2	3/8-16 X 2" HHCS
52	1	CONDUIT
53	1	3/16" SQ. X 1" KEY
54	4	1/8" SPACER, J-LOCK STYLE
55	8	TINNERMAN FASTENER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

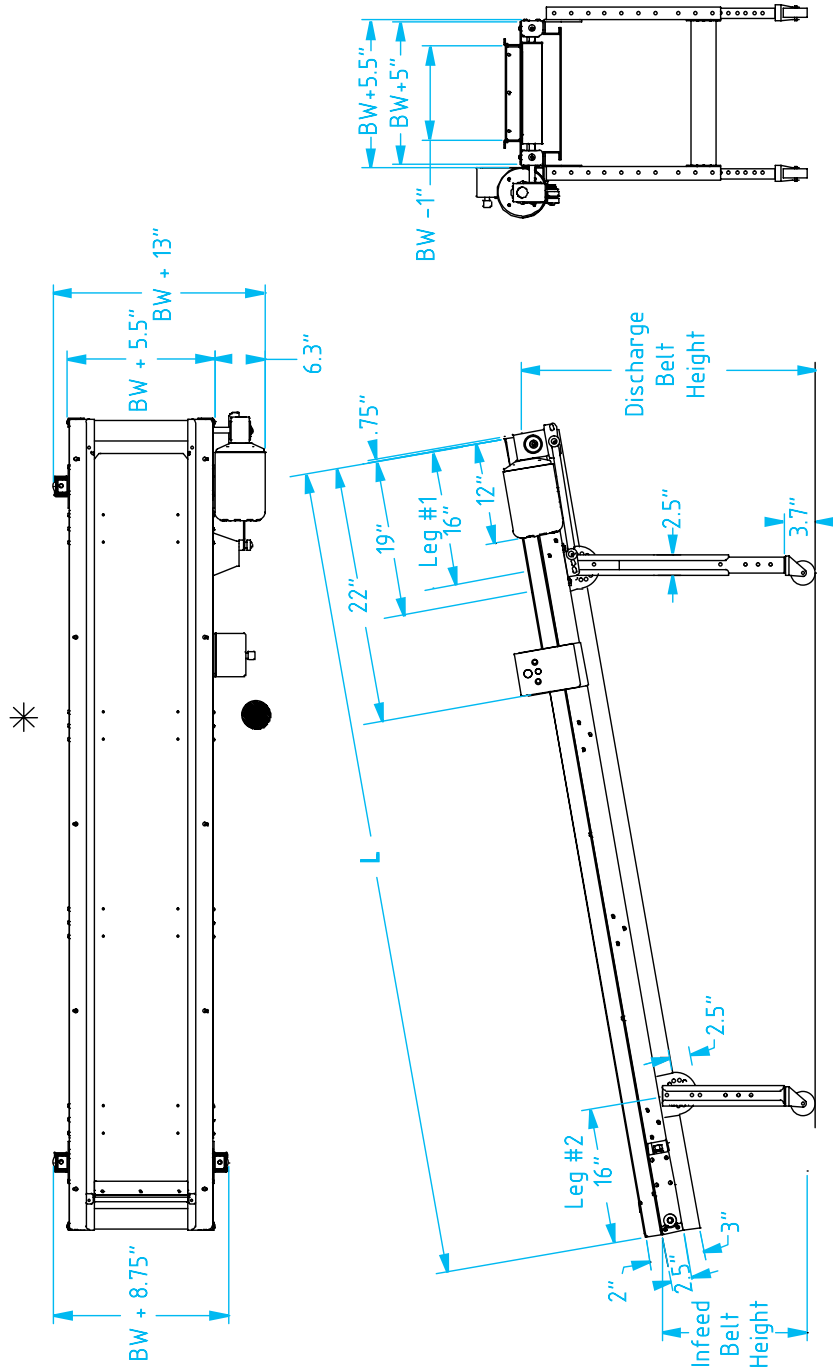
STLC CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

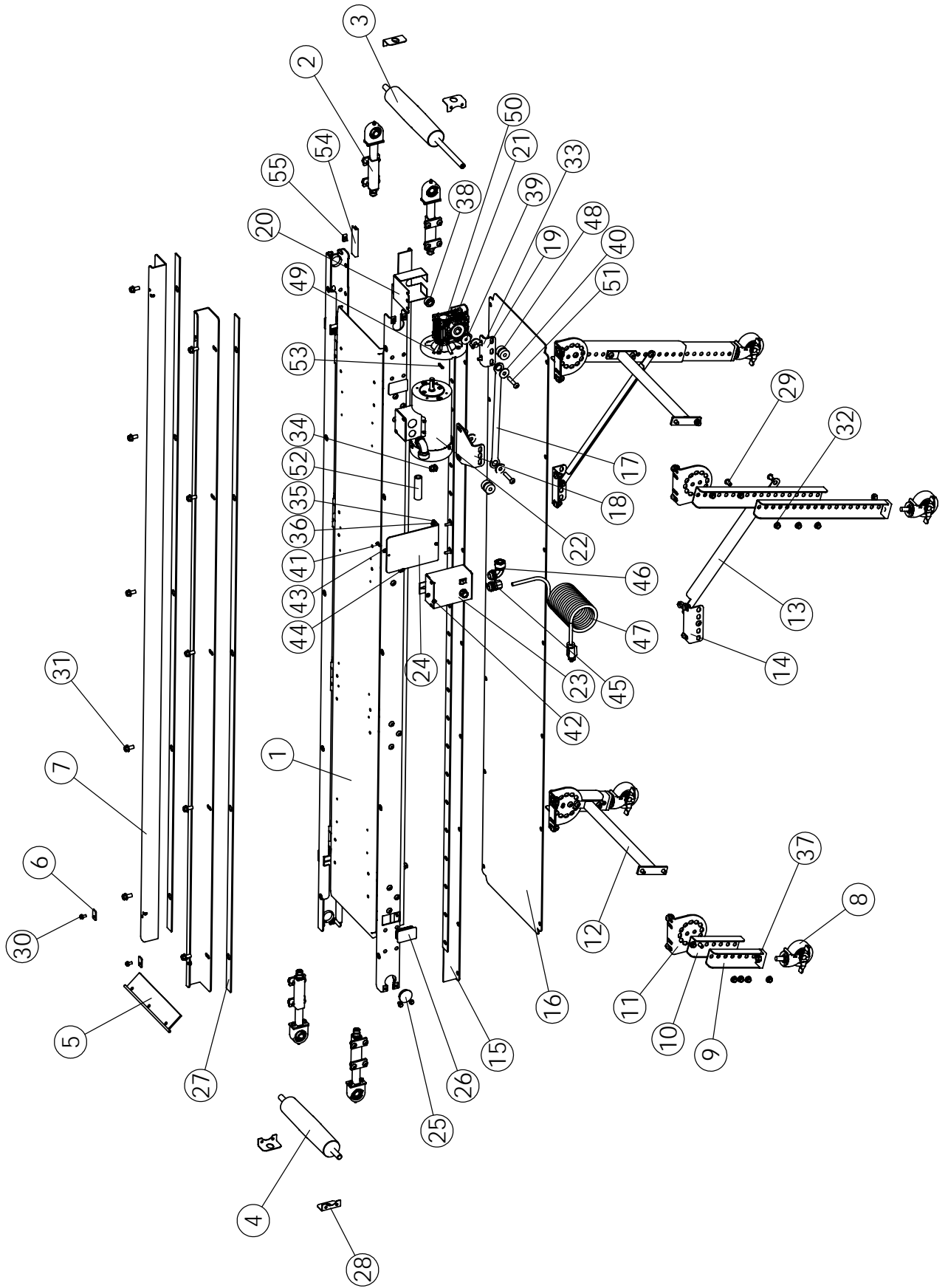
STLC CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors
- Leg set #1 will be located under drive package for 3'-6" long and 6"-9" wide conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STLC CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STLC CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSEMBLY
2	4	TAKE-UP
3	1	DRIVE PULLEY
4	1	TAIL PULLEY
5	1	FLAPPER ASSEMBLY
6	2	FLAPPER CLIP
7	2	SIDE RAIL
8	4	CASTER
9	4	LEG - CONSULT FACTORY
10	4	LEG EXTENSION - CONSULT FACTORY
11	4	LEG MOUNTING BRACKET
12	2	CROSS BRACE
13	2	KNEE BRACE - CONSULT FACTORY
14	2	LEG BRACE SUPPORT
15	2	BOTTOM SLIDE TRAY SIDE
16	1	BOTTOM SLIDE TRAY
17	1	REACTION ROD
18	1	MOTOR SUPPORT BRACKET
19	1	MOTOR MOUNTING BRACKET
20	1	MOTOR COVER
21	1	GEARBOX - SEE SPEC SHEET
22	1	MOTOR - SEE SPEC SHEET
23	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
24	1	CONTROL MOUNTING PLATE
25	3	1.5" ROUND CAP
26	4	1.5" X 2.5" RECTANGULAR CAP
27	2	SIDE RAIL SPACER
28	4	FRAME END GUARD

ITEM	QTY	PART DESCRIPTION
29	57	3/8-16 X 3/4" HHCS
30	10	1/4-20 X 1/2" HEX FLANGE SCREW
31	10	3/8-16 X 1" HHCS
32	43	3/8-16 SERATED FLANGE LOCKNUT
33	11	1/4-20 X 3/4" HEX FLANGE SCREW
34	5	3/8" FLAT WASHER
35	6	1/4" FLAT WASHER
36	2	1/4-20 LOCKNUT
37	4	1/2-13 HEX HALF-NUTS
38	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
39	1	1/4 X 1-1/4 FENDER WASHER
40	4	3/8" FLAT WASHER
41	2	#10-32 X 1/2" RHMS
42	2	#10-32 HEX NYLON INSERT LOCKNUT
43	4	3/16" FLAT WASHER
44	2	#10 LIGHT LOCK WASHER
45	1	WATER TIGHT ENTRANCE CONNECTOR
46	2	90 DEGREE ELBOW
47	1	15' POWER CABLE
48	2	REACTION ROD UNIVERSAL MOUNT
49	4	1/4" LOCK WASHER
50	6	1/4-20 HEX SERATED FLANGE LOCKNUT
51	2	3/8-16 X 2" HHCS
52	1	CONDUIT
53	1	3/16" SQ. X 1" KEY
54	4	1/8" SPACER, J-LOCK STYLE
55	8	TINNERMAN FASTENER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

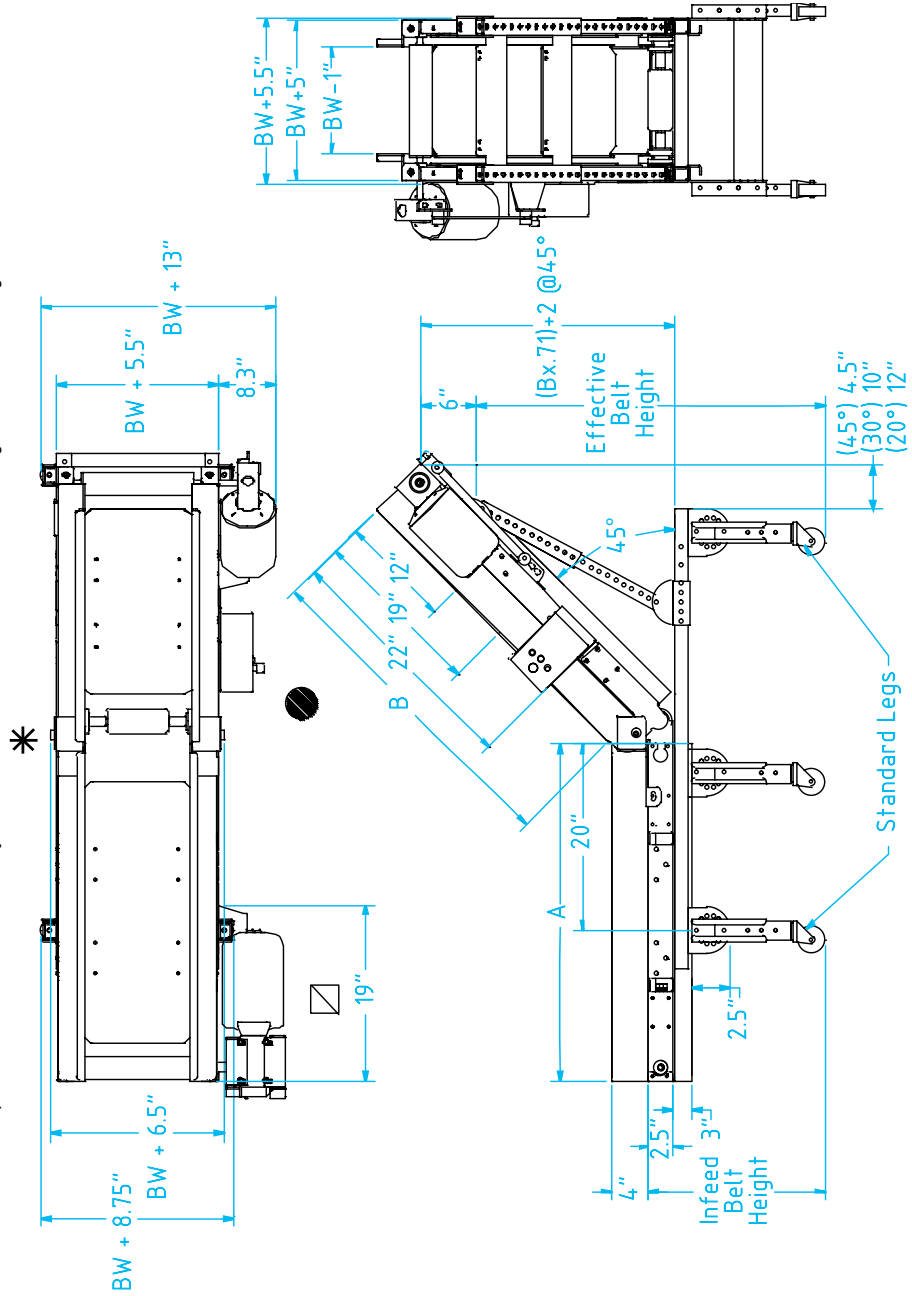
STLK CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

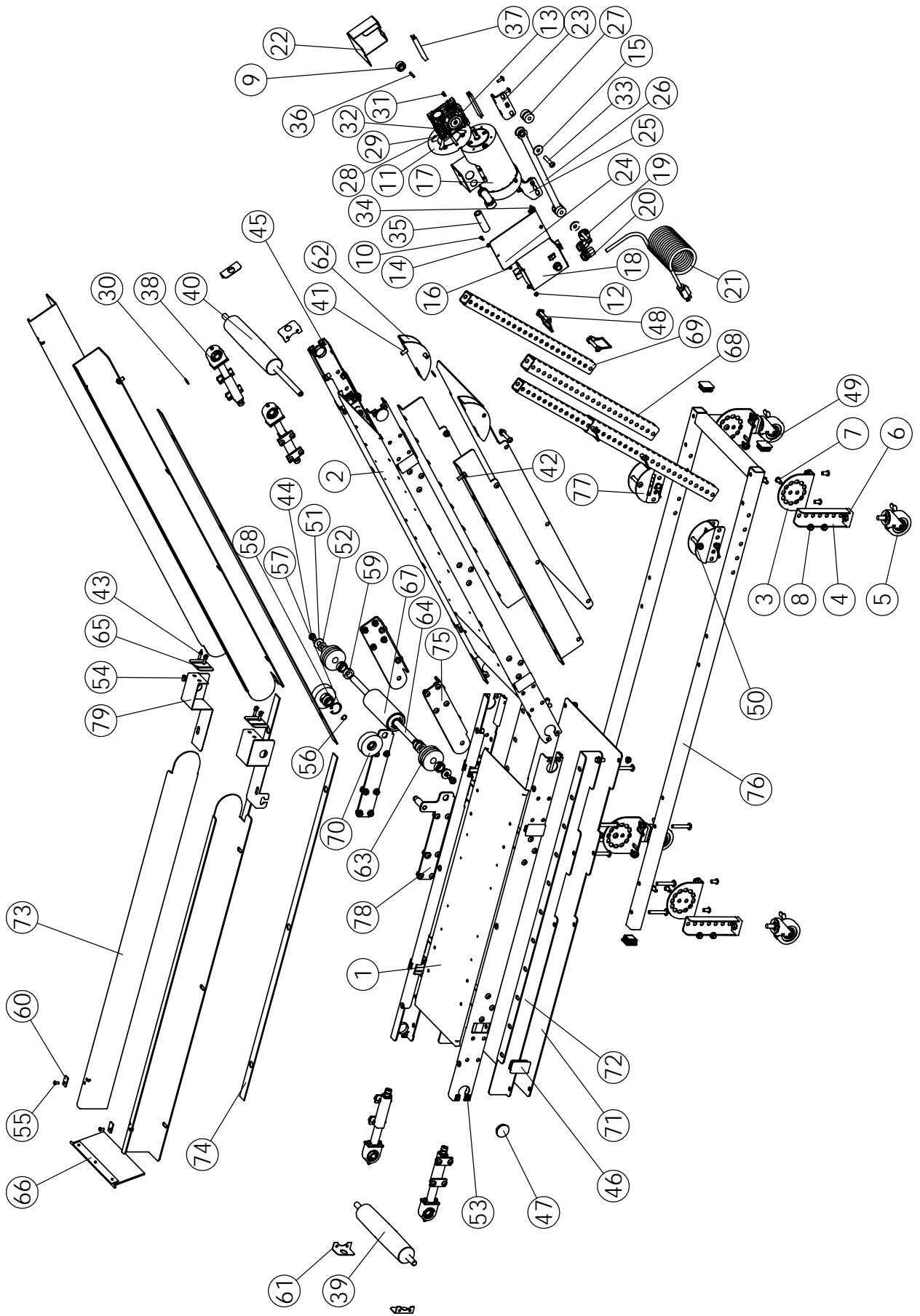
STLK CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors
- ☐ Drive location for 24" models is mounted on infeed end.
- Drive location for 6", 9", 12' & 18" models is on discharge.
- 9" min. infeed belt height with standard legs and castors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STLK CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

STLK CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	INFEED FRAME ASSEMBLY
2	1	DISCHARGE FRAME ASSEMBLY
3	4	LEG MOUNTING BRACKET - CONSULT FACTORY
4	4	LEG - CONSULT FACTORY
5	4	CASTER
6	4	1/2-13 HEX HALF-NUTS
7	60	3/8-16 X 3/4" HHCS
8	62	3/8-16 SERATED FLANGE LOCKNUT
9	1	5/8 X 1-1/8 X 1/2" SET SCREW COLLAR
10	2	#10-32 X 1/2" RHMS
11	1	GEARBOX - SEE SPEC SHEET
12	2	#10-32 HEX NYLON INSERT LOCKNUT
13	1	1/4 X 1-1/4 FENDER WASHER
14	4	3/16" FLAT WASHER
15	4	3/8" FLAT WASHER
16	2	#10 LIGHT LOCK WASHER
17	1	MOTOR - SEE SPEC SHEET
18	1	VARIABLE SPEED CONTROL - SEE SPEC SHEET
19	2	90 DEGREE ELBOW
20	1	90 DEGREE ELBOW
21	1	15' POWER CABLE
22	1	MOTOR COVER
23	1	MOTOR MOUNTING BRACKET
24	1	CONTROL MOUNTING PLATE
25	1	MOTOR SUPPORT BRACKET
26	1	REACTION ROD
27	2	REACTION ROD UNIVERSAL MOUNT
28	4	1/4" LOCK WASHER
29	11	1/4-20 X 3/4" HEX FLANGE SCREW
30	14	3/8" FLAT WASHER
31	4	1/4-20 HEX SERATED FLANGE LOCKNUT
32	6	1/4" FLAT WASHER
33	2	3/8-16 X 2" HHCS
34	4	1/4-20 LOCKNUT
35	1	CONDUIT
36	1	3/16" SQ. X 1" KEY
37	4	1/8" SPACER, J-LOCK STYLE
38	4	TAKE-UP
39	1	TAIL PULLEY

ITEM	QTY	PART DESCRIPTION
40	1	DRIVE PULLEY
41	4	3/8-16 X 1" HHCS
42	4	3/8-16 X 3/4" HHCS
43	4	1/4-20X3/4 SHOULDER THUMB SCREW
44	2	1/2"ODx3/8 LONG SHOULDER 3/8-16 THREAD
45	8	TINNERMAN FASTENER
46	8	1.5" X 2.5" RECTANGULAR CAP
47	5	1.5" ROUND CAP
48	6	SAFETY SNAP PIN
49	4	1.5" X 1.5" BLACK PLUG
50	10	3/8-16 X 2 1/2" HHCS
51	2	SST 1/2" FL WASHER
52	2	1/2" FLAT WASHER
53	8	1/4-20 X 1/2" HEX FLANGE SCREW
54	4	1/4-20 NUTSERT
55	2	1/4-20X1/2 BHSCS
56	2	SNAP RING, 15MM EXTERNAL RING
57	2	SNAP RING 35MM DIA
58	2	ROLLER BEARING
59	6	3/4 X 1-1/4 X 9/16 SET SCREW COLLAR
60	2	FLAPPER CLIP
61	4	FRAME END GUARD
62	2	UPPER LEG MOUNTING BRACKET
63	2	RETURN IDLER TRANSITION WHEEL
64	1	RETURN IDLER SHAFT
65	2	TRANSITION PINCH IDLER GUARD
66	1	FLAPPER ASSEMBLY
67	1	RETURN IDLER ROLLER 2 9/16" DIA.
68	2	SUB-BASE TO CONV EXTENSION - CONSULT FACTORY
69	2	LEG FROM SUB-BASE TO CONV - CONSULT FACTORY
70	2	TRANSITION PINCH IDLER ROLLER
71	1	BOTTOM SLIDE TRAY SIDE - CONSULT FACTORY
72	1	BOTTOM SLIDE TRAY - CONSULT FACTORY
73	1	SIDE RAIL - CONSULT FACTORY
74	2	SIDE RAIL SPACER
75	1	DISCH TRANSITION CONNECT PLATE
76	1	SUB-BASE WELD ASSY
77	2	SUPPORT ASSEMBLY FOR LEG
78	1	TRANSITION CONNECTING PLATE
79	2	TRANSITION IDLER GUARD

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

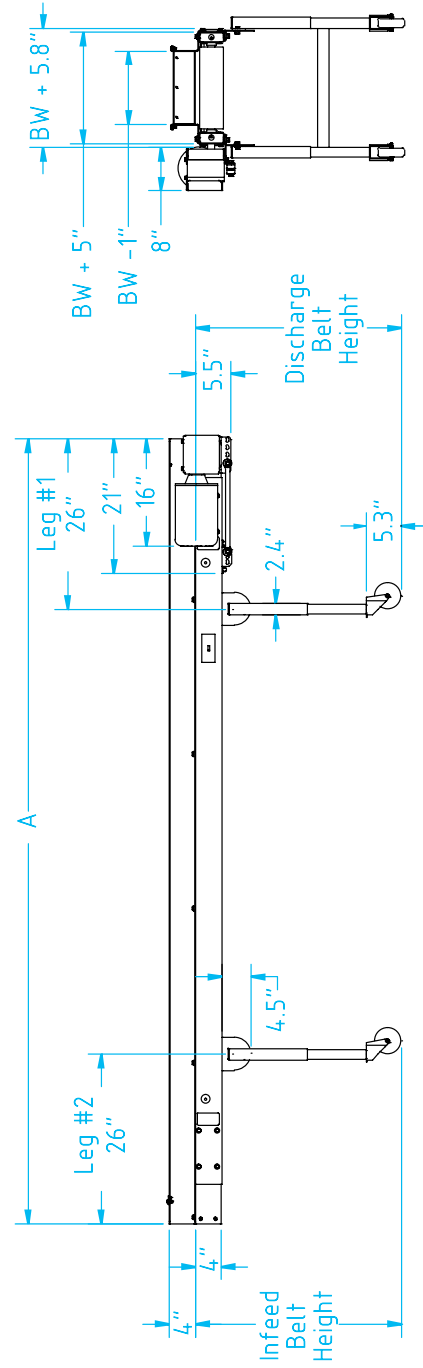
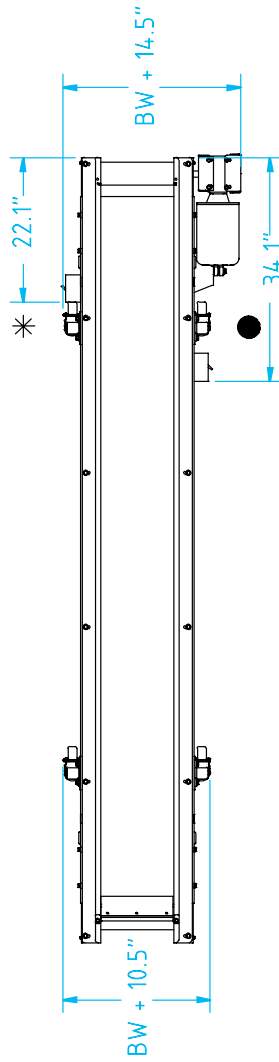
ACRF CLEAN ROOM CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

● Standard starter position (specify if other location).

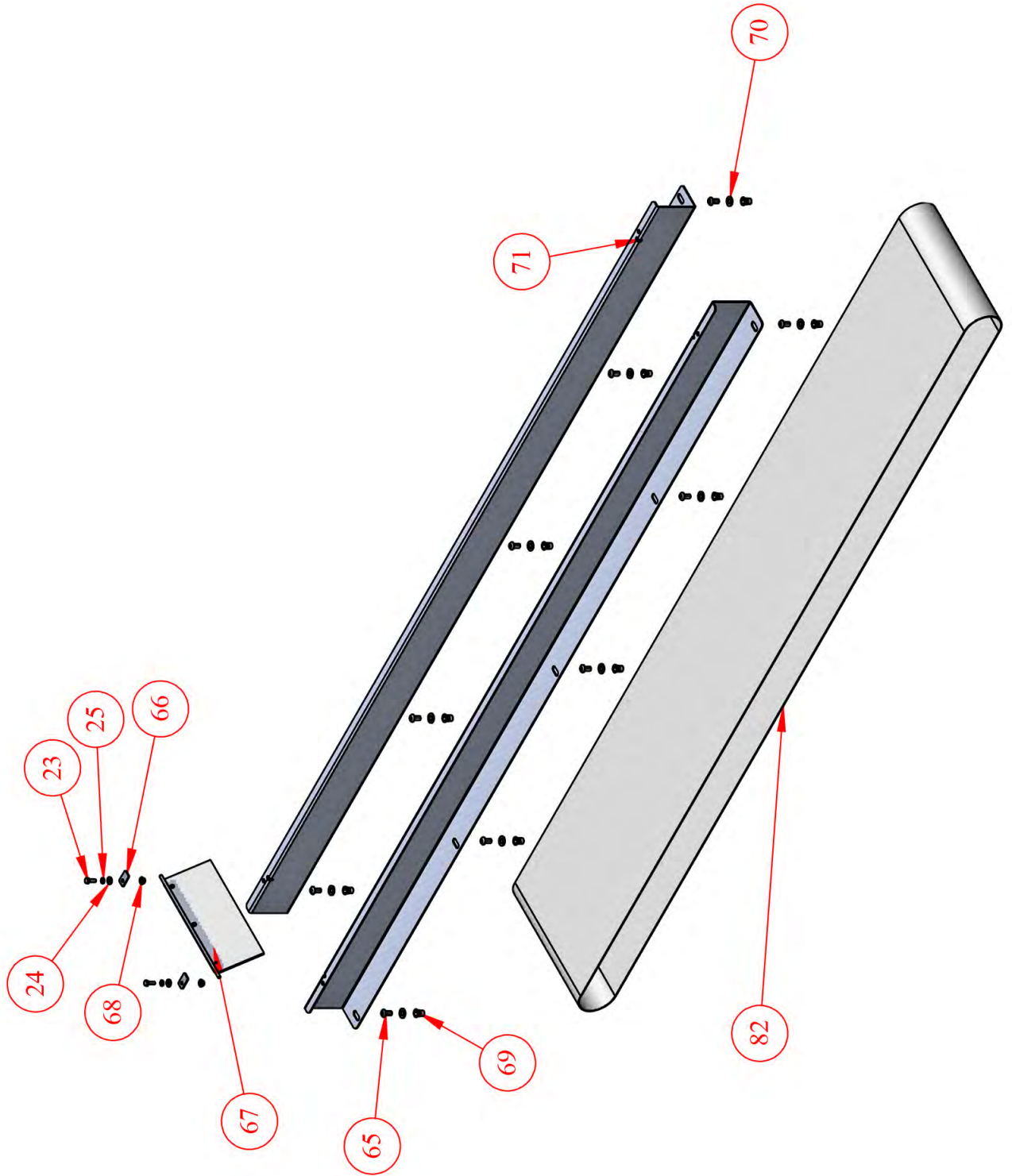
* Starter position for 8' or shorter conveyors

Leg set #1 will be located under drive package for 3'-6' long and 6"-9" wide conveyors.



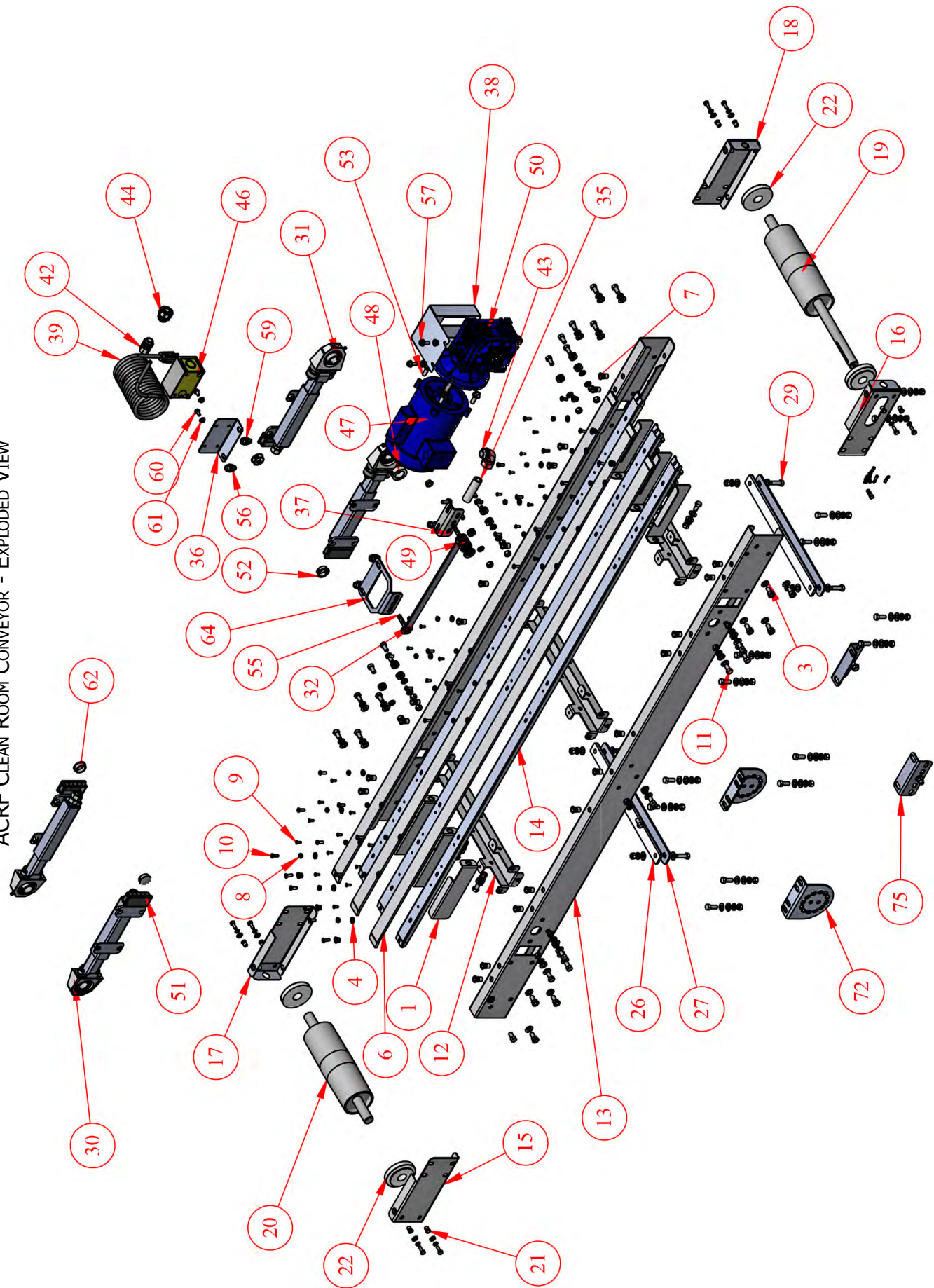
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - EXPLODED VIEW



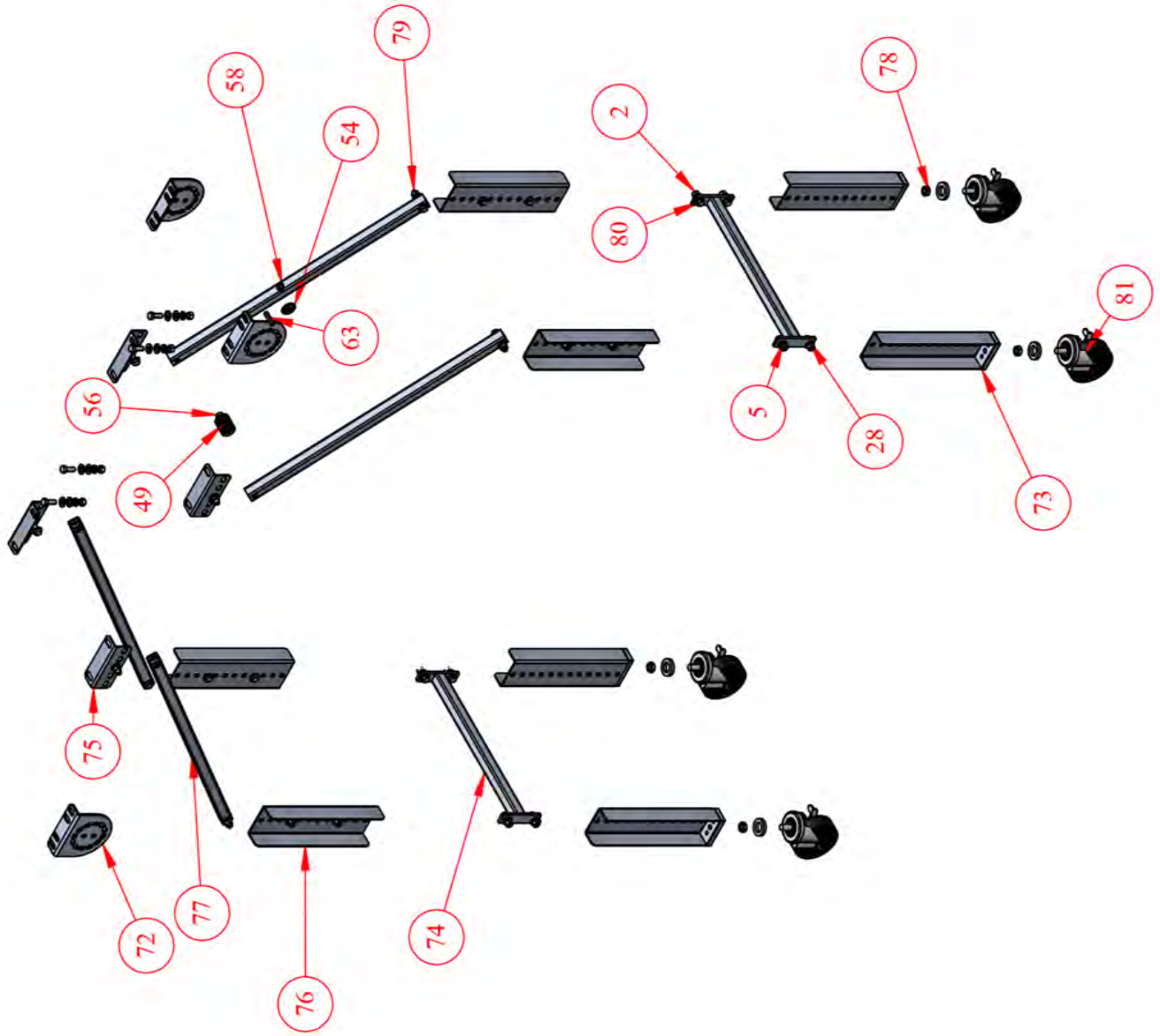
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	6	4M-29-1-CR	SLIDE TRAY END SUPPORT
2	67	CP-179	HEX NUT .375-16 SST
3	63	CP-768	FLAT WASHER .375 SST
4	30	CP-1997	FLAT WASHER .250 SAE 80/20
5	83	CP-186	LOCK WASHER .375 SPLIT RING SST
6	3	2L-31-8-L	UHMW SPACER
7	26	CP-2867	HEX NUT INSERT 3/8-16 GRIP RANGE .150-.312 #AH-S-4-616-312
8	30	CP-600	1/4-20 PLATED ELASTIC LOCK NUT
9	30	CP-2052	POP RIVET 3/16 RIVET, CTRSK HEAD,
10	30	CP-282	SLOTTED FLAT HEAD SCREW .250-20 x .750
11	39	CP-2155	HEX HEAD SCREW .375-16 x .750 SST
12	3	4M-41-21-W	FRAME CROSSBRACE
13	2	4M-44-41-L	AD FRAME SIDE
14	3	4M-45-39-L	SST SLIDE TRAY
15	2	4M-08-1-(L/R)	PULLEY GUARD
16	1	4M-08-2-(L/R)	PULLEY GUARD
17	1	4M-08-1-(L/R)	PULLEY GUARD
18	4	2M-67-1-S	SST BEARING COVER
19	1	4M-210-9-W	DRIVE PULLEY WELD ASSY
20	1	4M-224-4-W	TAIL PULLEY WELD ASSY
21	8	CP-2132	1/4 - 20 AVIBANK NUTSERT
22	4	4M-15-2	V-GUIDE PROTECTION IDLER
23	10	CP-188	HEX HEAD SCREW .250-20 x .750 SST
24	10	CP-182	FLAT WASHER .250 SAE SST
25	10	CP-185	LOCK WASHER .250 SPLIT RING SST
26	2	4M-29-3-W	UHMW BELT SUPPORT
27	2	4M-29-4-W-S	SST BELT SUPPORT
28	88	CP-183	FLAT WASHER .375 SST SAE
29	4	CP-172	HEX HEAD SCREW .375-16 x 1.250 SST

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
30	2	2M-232-3-S	TAKE-UP ASSY
31	2	2M-232-4-S	TAKE-UP ASSY
32	1	2M-38-1-S	SST REACTION ROD
33	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
34	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
35	1	4E-62-1	CONDUIT FOR STD DRV PAK
36	1	2M-14-3-S	FG-5 SWITCH MOUNTING BRACKET
37	1	2M-14-28-1-S	SST REACTION ROD BRACKET
38	1	2M-08-12-S	SST 050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD
39	1	2E-263-1	15' POWER CORD
40	1	EL-533	SQ.D. HEATER A9.85
41	3	EL-455	WIRE NUT "Y" TYPE
42	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
43	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
44	1	EL-354	.500 INCH STRAIGHT CONNECTOR
45	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)
46	1	EL-168	SWITCH - FG5 SQ. D.
47	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
48	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
49	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
50	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
51	4	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
52	2	EL-394	HEYCO SNAP BUSHING #2182
53	4	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
54	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
55	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRF CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
56	6	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
57	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
58	4	CP-3786	5/16 FLANGE HEX NUT
59	5	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
60	2	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
61	2	CP-3068	HEX FLANGE NUT 0.25-20
62	2	EL-395	HEYCO DOME PLUG #2733
63	1	CP-1003	1/4"SQ x 1.500 KEY
64	1	2M-14-29-3-S	SST REACTION ROD BRACKET
65	10	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
66	2	2E-01-10	FLAPPER CLIP
67	1	4S-249-1-W	SST LEXAN FLAPPER ASSY
68	2	CP-3482	SERRATED FLANGE NUT 0.25-20 18-8 SST.
69	10	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
70	10	CP-3342	FLAT WASHER .375
71	2	2M-33-L	4"-90° SST SIDE RAIL
72	4	2M-14-16-S	SST LEG MOUNTING BRACKET
73	4	4S-236-X	LEG WELD ASSY
74	2	4S-241-1-W-DV	LEG BRACE WELD ASSY
75	4	4S-14-41	BRACKET
76	4	4S-36-X	LEG EXTENSION
77	4	4S-41-45-L	SST KNEE BRACE
78	4	CP-284	HEX JAM NUT .500-13 SST
79	8	CP-176	HEX HEAD SCREW .375-16 x 2.000 SST
80	32	CP-175	HEX HEAD SCREW .375-16 x 1.000 SST
81	4	CP-1239	SWIVEL CASTER, 4"X1 3/8"
82	1	BELT	BELT FOR ACRF

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

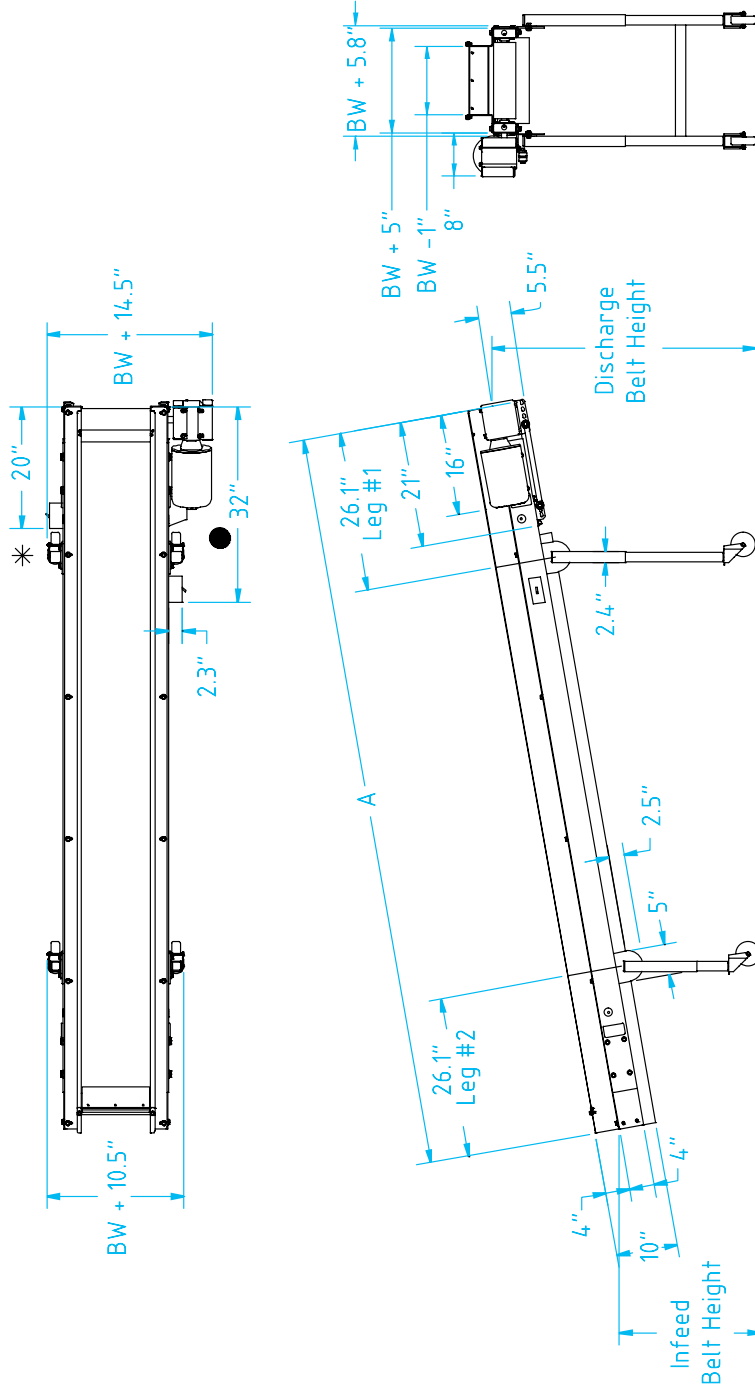
ACRC CLEAN ROOM CONVEYOR - BASIC DIMENSIONS

BW = Belt width.

● Standard starter position (specify if other location).

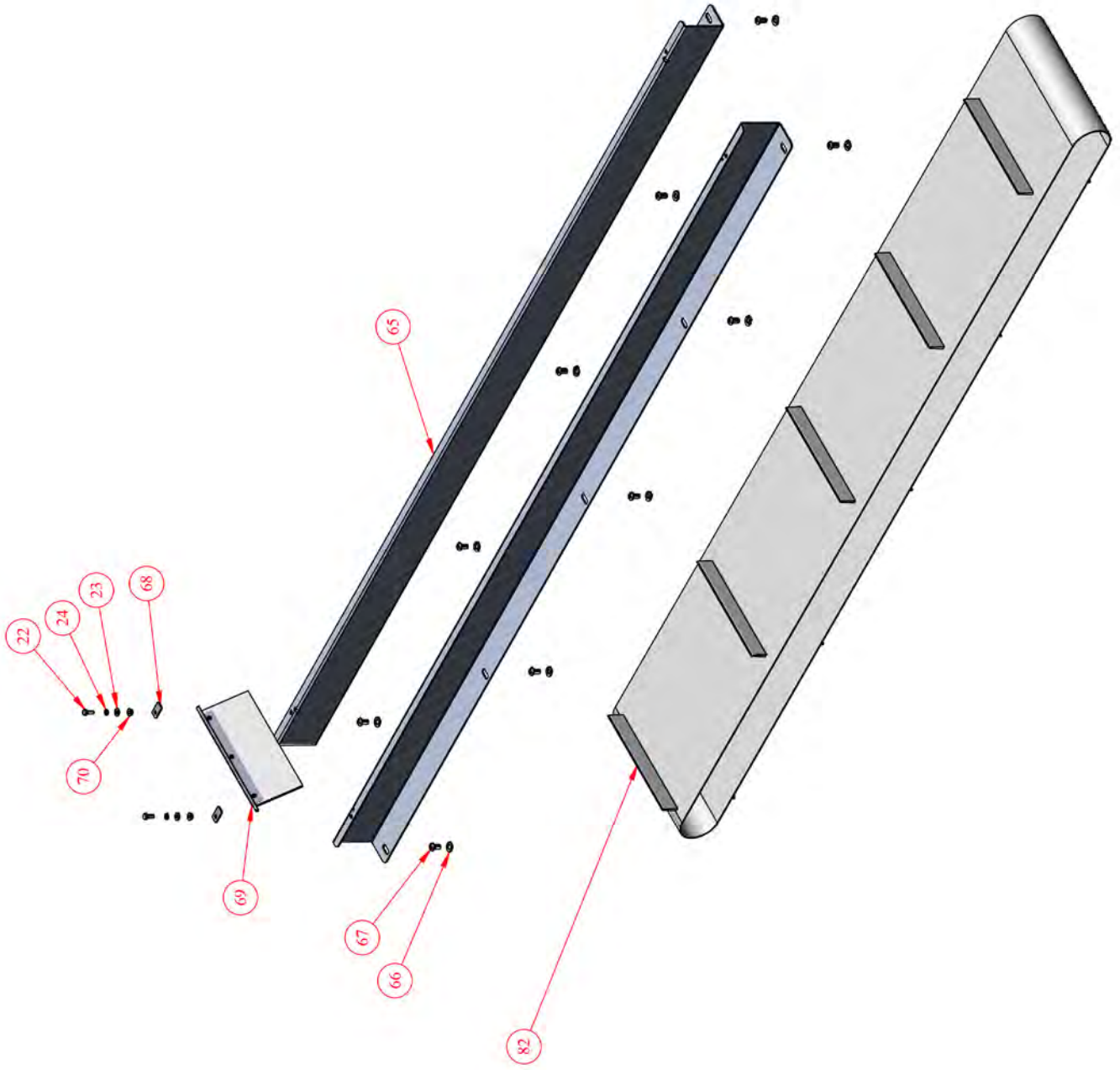
* Starter position for 8' or shorter conveyors.

Leg set #1 will be located under drive package for 3'-6" long and 6"-9" wide conveyors.



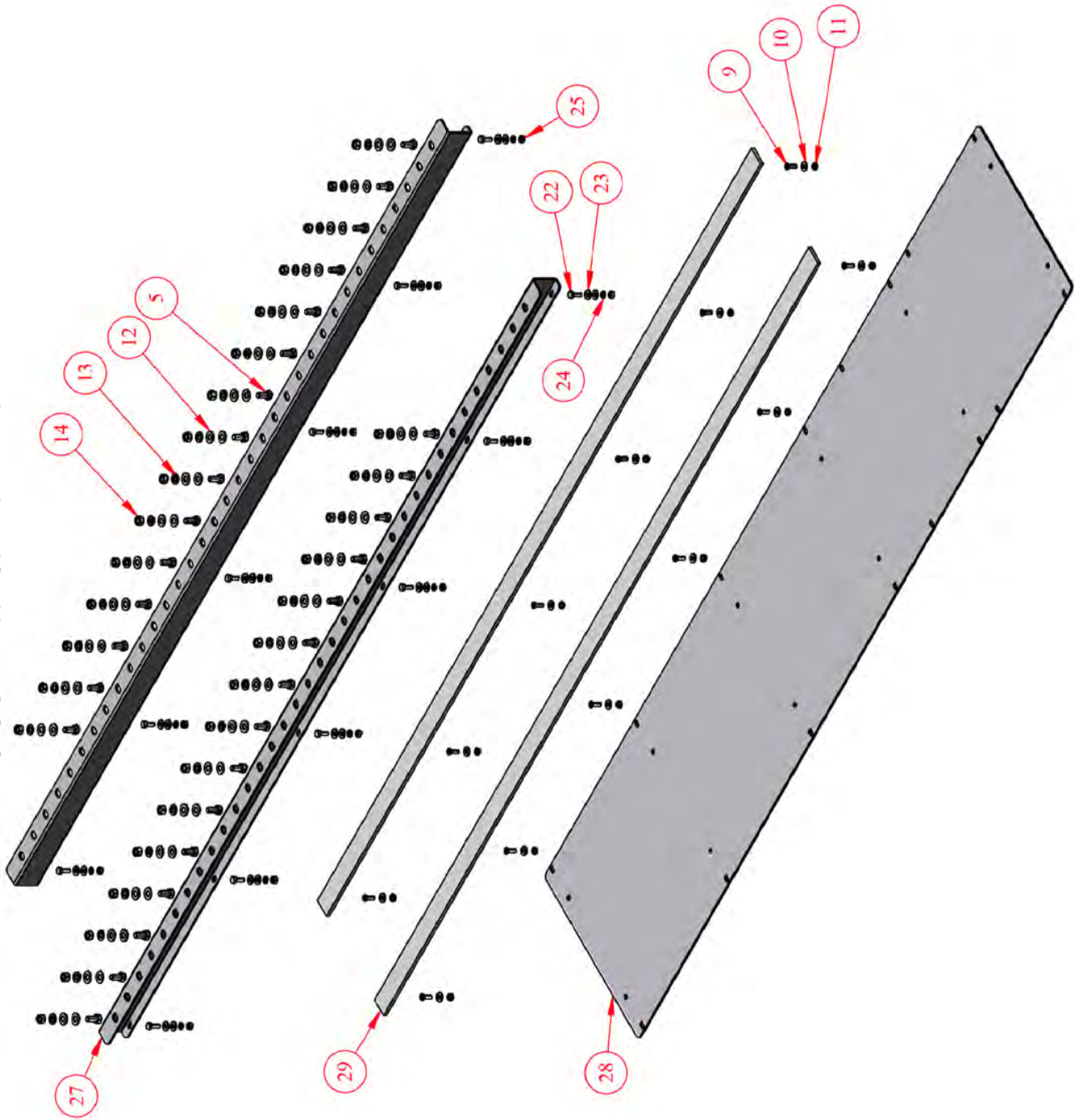
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - EXPLODED VIEW



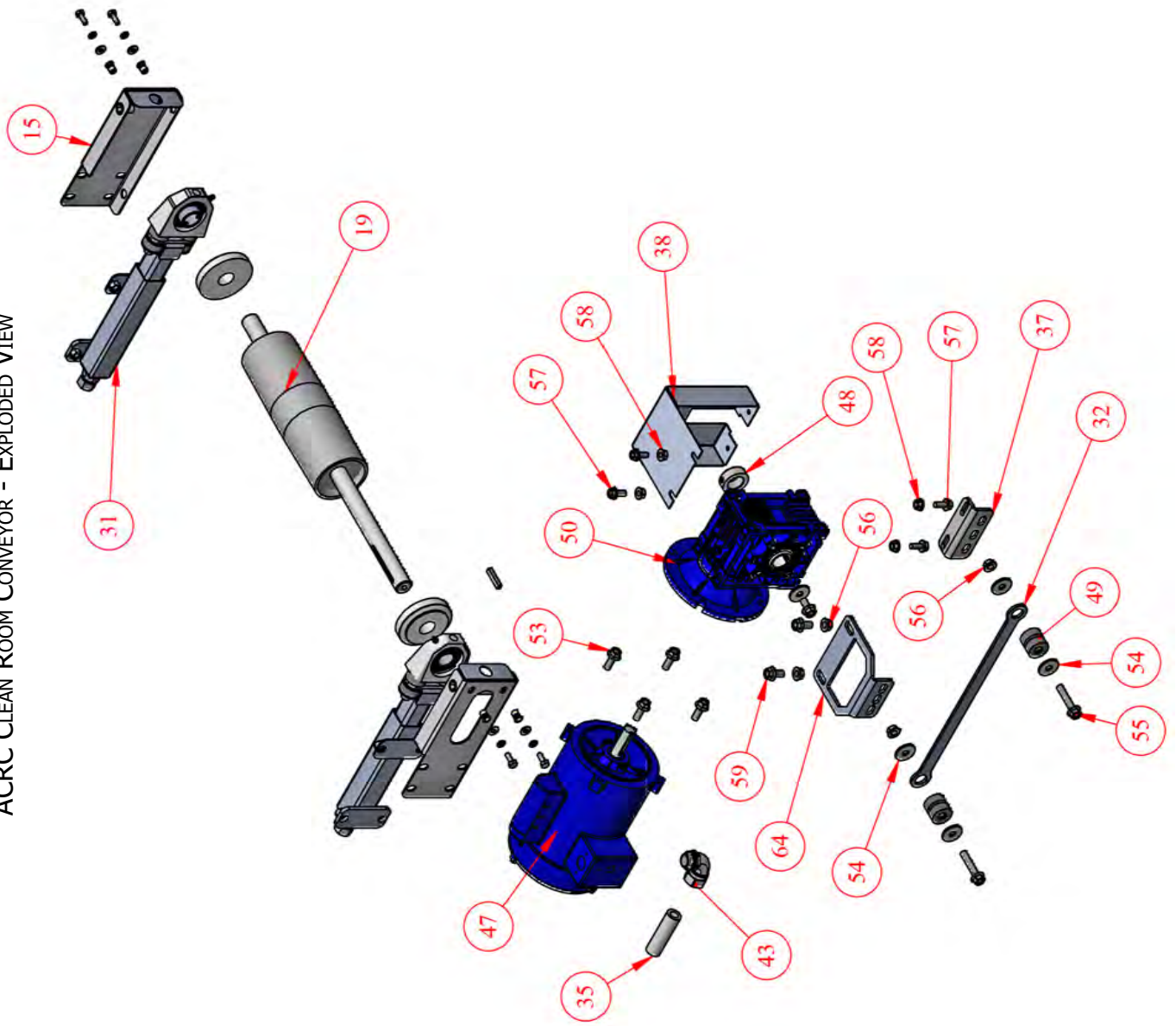
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - EXPLODED VIEW



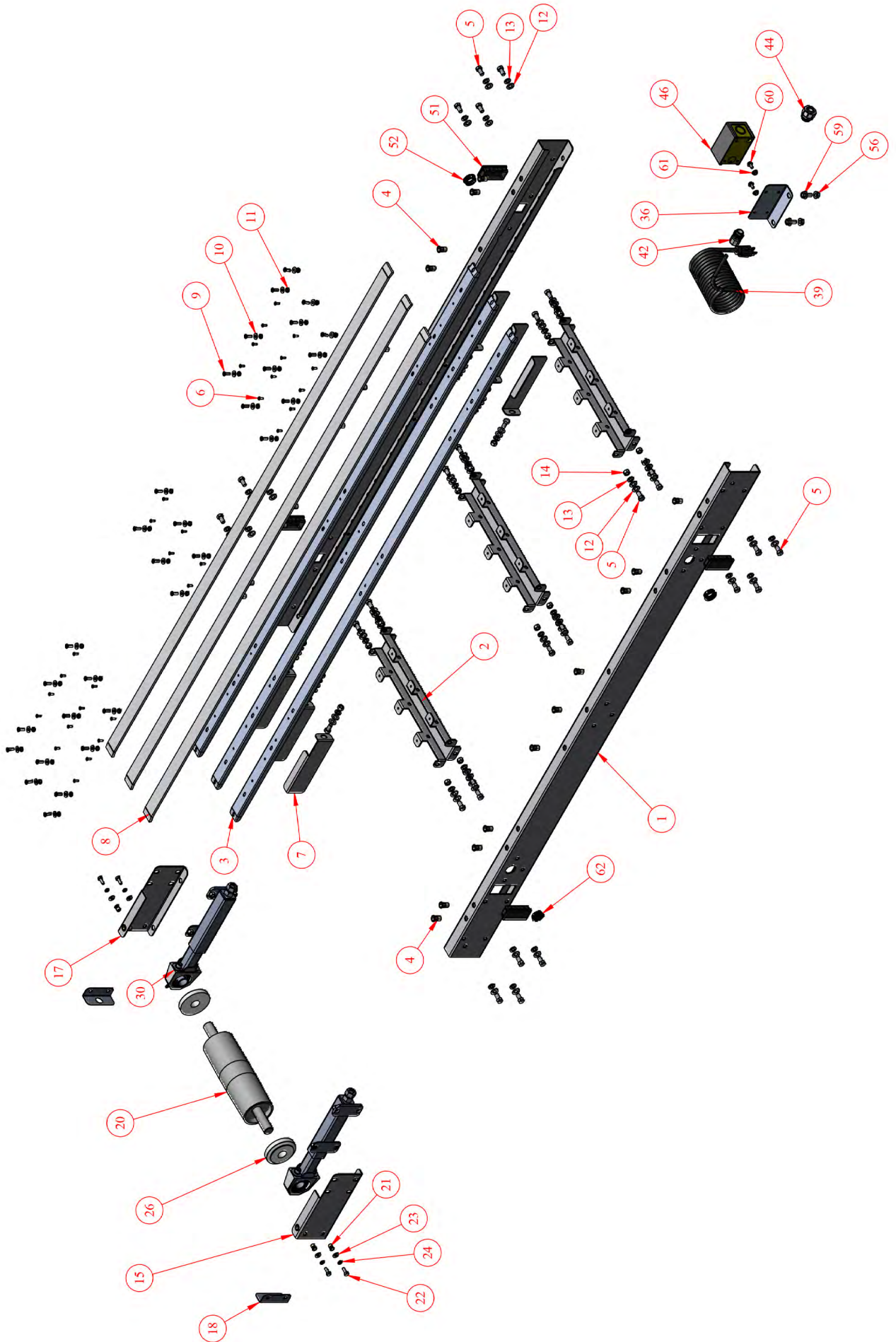
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	4M-44-41-L	AD FRAME SIDE
2	3	4M-41-21-W	FRAME CROSSBRACE
3	3	4M-45-39-L	SST SLIDE TRAY
4	26	CP-2867	HEX NUT INSERT 3/8-16 GRIP RANGE .150-.312 #AH-S- 4-616-312
5	70	CP-2155	HEX HEAD SCREW .375-16 x .750 SST
6	30	CP-2052	POP RIVET 3/16 RIVET, CTRSK HEAD,
7	6	4M-29-1-CR	SLIDE TRAY END SUPPORT
8	3	2L-31-8-L	UHMW SPACER
9	42	CP-282	SLOTTED FLAT HEAD SCREW .250-20 x .750
10	42	CP-1997	FLAT WASHER .250 SAE 80/20
11	42	CP-600	1/4-20 PLATED ELASTIC LOCK NUT
12	124	CP-768	FLAT WASHER .375 SST
13	110	CP-186	LOCK WASHER .375 SPLT RING SST
14	94	CP-179	HEX NUT .375-16 SST
15	2	4M-08-1-(L/R)	PULLEY GUARD
16	1	4M-08-2-(L/R)	PULLEY GUARD
17	1	4M-08-1-(L/R)	PULLEY GUARD
18	4	2M-67-1-S	SST BEARING COVER
19	1	4M-210-9-W	DRIVE PULLEY WELD ASSY
20	1	4M-224-4-W	TAIL PULLEY WELD ASSY
21	8	CP-2132	1/4 - 20 AVIBANK NUTSERT
22	22	CP-188	HEX HEAD SCREW .250-20 x .750 SST
23	34	CP-182	FLAT WASHER .250 SAE SST
24	22	CP-185	LOCK WASHER .250 SPLT RING SST
25	12	CP-180	HEX NUT .250-20 SST
26	4	4M-15-2	V-GUIDE PROTECTION IDLER
27	2	4M-44-19-L	2" BOTTOM BELT GUARD SIDE
28	1	4M-45-16-L-W-U	BOTTOM BELT TRAY (UHMW LINED)

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
29	2	4M-29-34-L	UHMW WEAR STRIP
30	2	2M-232-3-S	TAKE-UP ASSY
31	2	2M-232-4-S	TAKE-UP ASSY
32	1	2M-38-1-S	SST REACTION ROD
33	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
34	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
35	1	4E-62-1	CONDUIT FOR STD DRV PAK
36	1	2M-14-3-S	FG-5 SWITCH MOUNTING BRACKET
37	1	2M-14-28-1-S	SST REACTION ROD BRACKET
38	1	2M-08-12-S	SST 050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD
39	1	2E-263-1	15' POWER CORD
40	1	EL-533	SQ.D. HEATER A9.85
41	3	EL-455	WIRE NUT "Y" TYPE
42	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
43	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)
44	1	EL-354	.500 INCH STRAIGHT CONNECTOR
45	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)
46	1	EL-168	SWITCH - FG5 SQ. D.
47	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
48	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
49	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
50	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
51	4	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
52	2	EL-394	HEYCO SNAP BUSHING #2182
53	4	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
54	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRC CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
55	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
56	6	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
57	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
58	4	CP-3786	5/16 FLANGE HEX NUT
59	5	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
60	2	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
61	2	CP-3068	HEX FLANGE NUT 0.25-20
62	2	EL-395	HEYCO DOME PLUG #2733
63	1	CP-1003	1/4"SQ x 1.500 KEY
64	1	2M-14-29-3-S	SST REACTION ROD BRACKET
65	2	2M-33-X	4"-90° SST SIDE RAIL
66	10	CP-3342	FLAT WASHER .375
67	10	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
68	2	2E-01-10	FLAPPER CLIP
69	1	4S-249-1-W	SST LEXAN FLAPPER ASSY
70	2	CP-3482	SERRATED FLANGE NUT 0.25-20 18-8 SST.
71	4	2M-14-16-S	SST LEG MOUNTING BRACKET
72	4	4S-236-X	LEG WELD ASSY
73	2	4S-241-1-W-DV	LEG BRACE WELD ASSY
74	4	4S-14-41	BRACKET
75	4	4S-36-X	LEG EXTENSION
76	4	4S-41-45-L	SST KNEE BRACE
77	4	CP-284	HEX JAM NUT .500-13 SST
78	80	CP-183	FLAT WASHER .375 SST SAE
79	8	CP-176	HEX HEAD SCREW .375-16 x 2.000 SST
80	32	CP-175	HEX HEAD SCREW .375-16 x 1.000 SST
81	4	CP-1239	SWIVEL CASTER, 4"XI 3/8"
82	1	BELT	BELT FOR ACRC

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

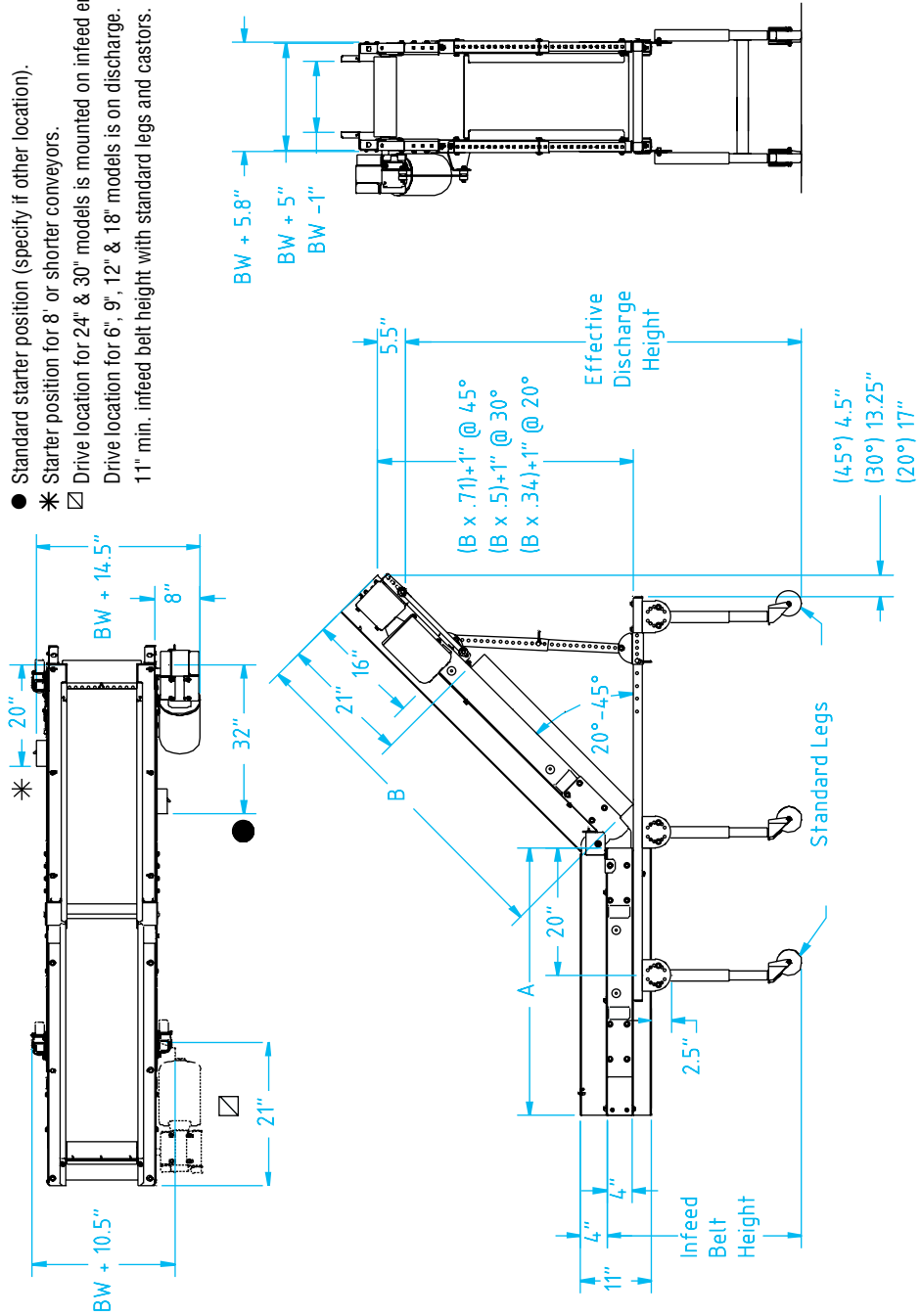
ACRK CLEAN ROOM CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

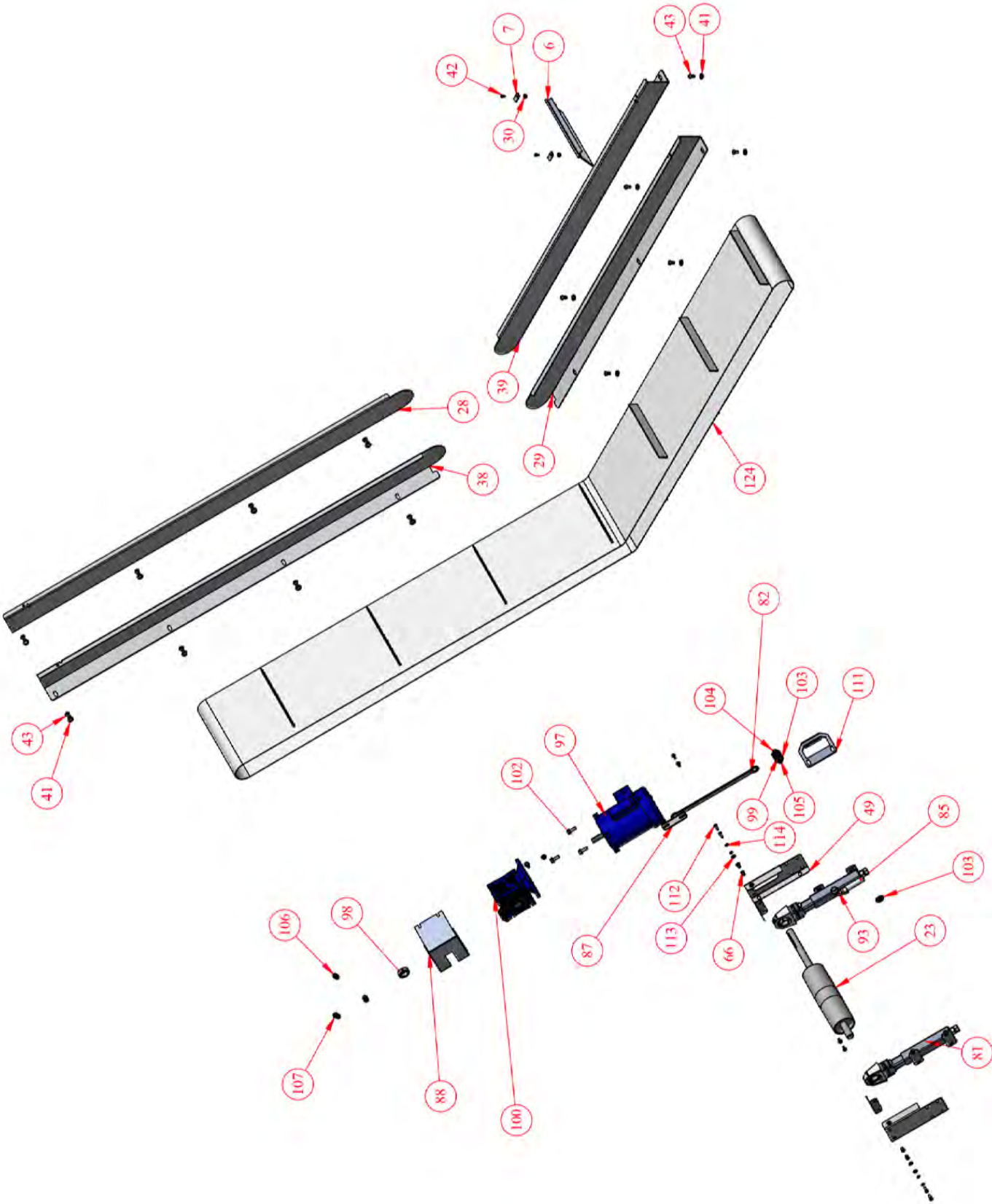
ACRK CLEAN ROOM CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
 - * Starter position for 8' or shorter conveyors.
 - ☒ Drive location for 24" & 30" models is mounted on infeed end.
 - ☒ Drive location for 6", 9", 12" & 18" models is on discharge.
- 11" min. infeed belt height with standard legs and castors.



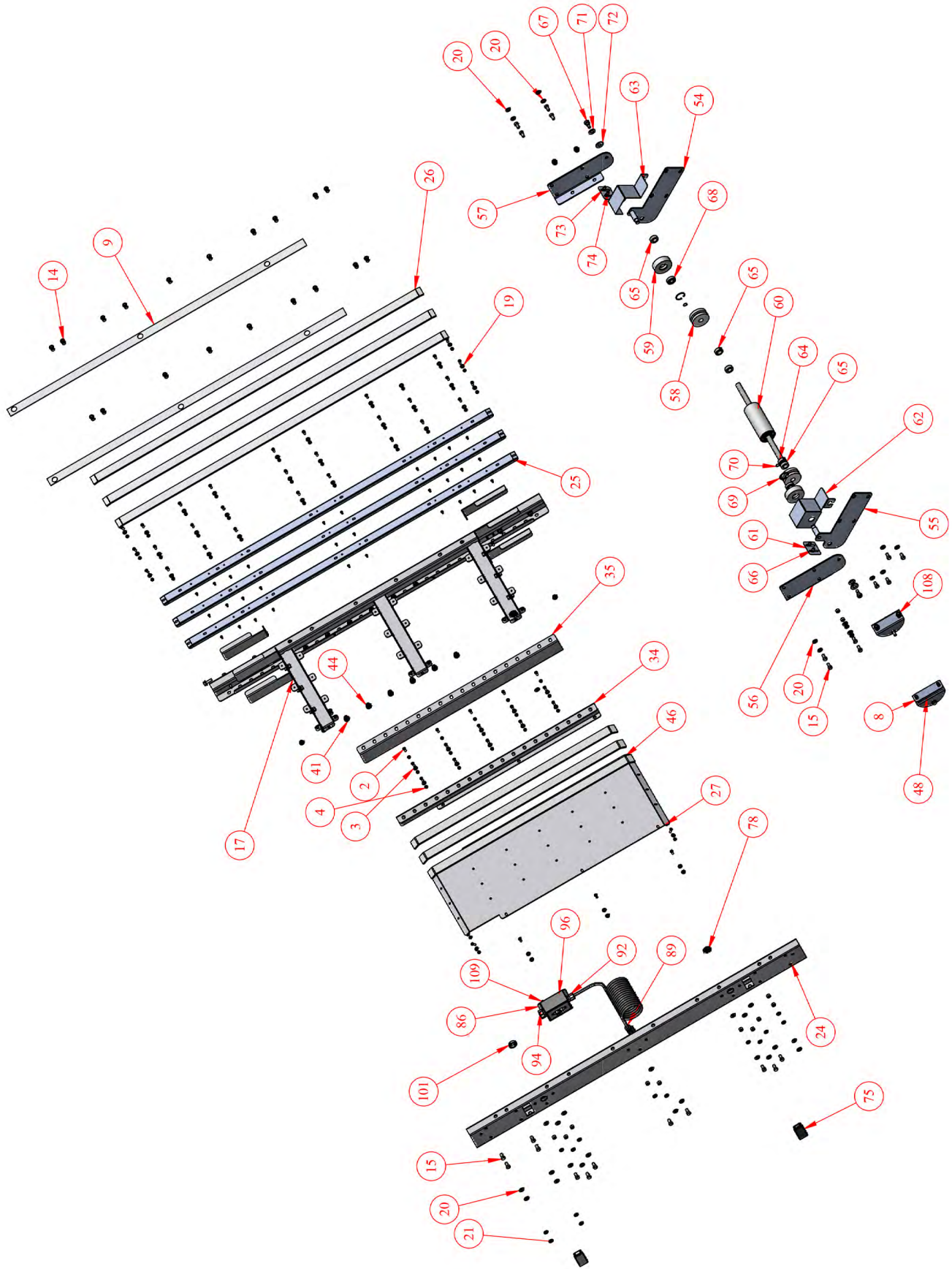
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRCK CLEAN ROOM CONVEYOR - EXPLODED VIEW



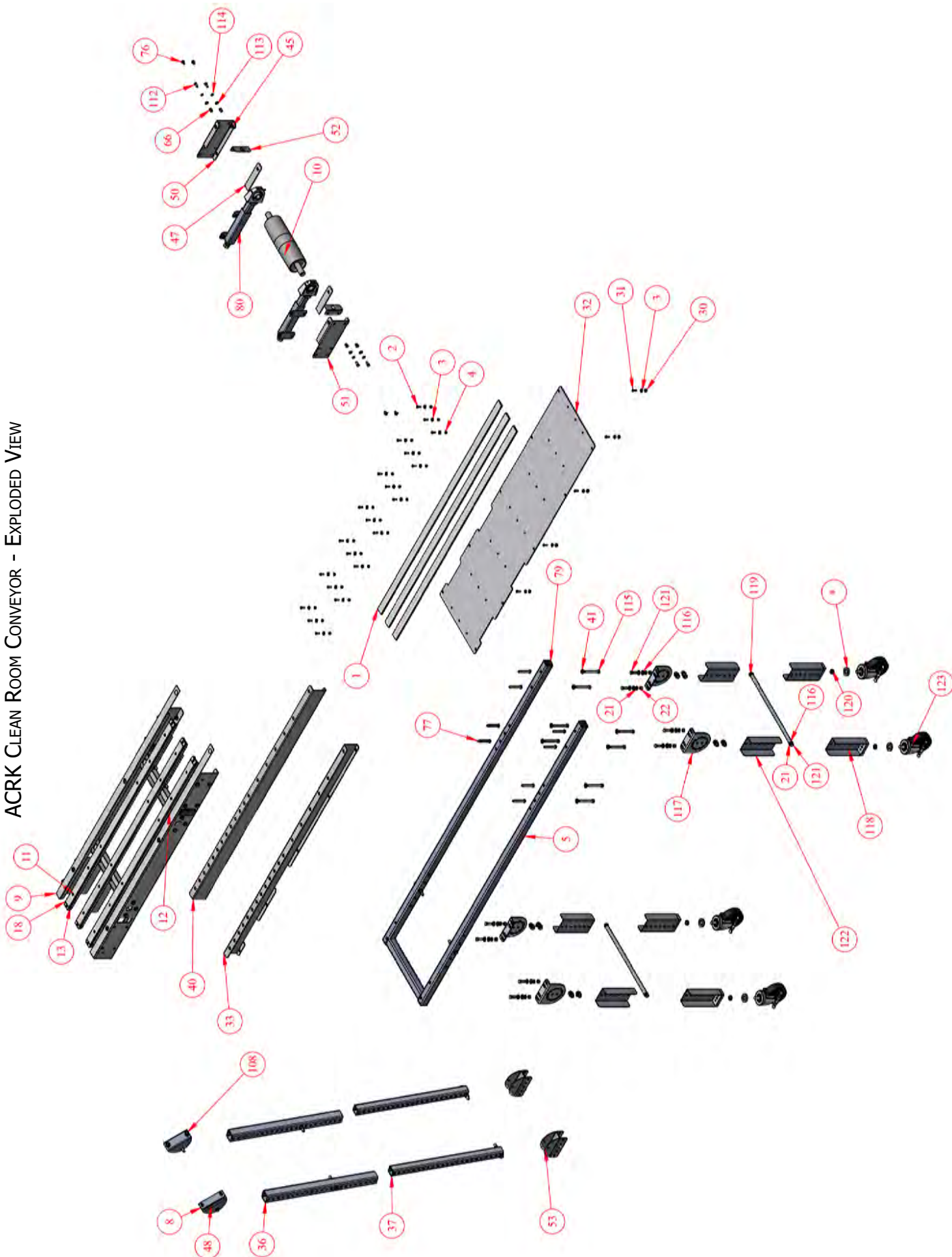
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	3	4M-29-34-L	UHMW WEAR STRIP
2	96	CP-282	SLOTTED FLAT HEAD SCREW .250-20 x .750
3	58	CP-654	FLAT WASHER .250 SAE
4	96	CP-600	1/4-20 PLATED ELASTIC LOCK NUT
5	1	4M-241-1-W-L-S	SST SUB-BASE WELD ASSY
6	1	2E-249-5-W	NEW STYLE LEXAN FLAPPER
7	2	2E-01-10	FLAPPER CLIP
8	1	2M-31-11-S	SST LEG SPACER
9	4	4M-31-26-L	SIDE RAIL SPACER
10	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
11	2	4M-44-41-L	AD FRAME SIDE
12	5	4M-41-21-W	FRAME CROSSBRACE
13	3	4M-45-39-L	SST SLIDE TRAY
14	36	CP-2867	HEX NUT INSERT 3/8-16 GRIP RANGE .150-.312 #AH-S-4-616-312
15	72	CP-2155	HEX HEAD SCREW .375-16 x .750 SST
16	54	CP-2052	POP RIVET 3/16 RIVET, CTRSK HEAD,
17	12	4M-29-1-CR	SLIDE TRAY END SUPPORT
18	3	2L-31-8-L	UHMW SPACER
19	54	CP-1997	FLAT WASHER .250 SAE 80/20
20	130	CP-768	FLAT WASHER .375 SST
21	108	CP-186	LOCK WASHER .375 SPLIT RING SST
22	88	CP-179	HEX NUT .375-16 SST
23	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
24	2	4M-44-41-L	AD FRAME SIDE
25	3	4M-45-39-L	SST SLIDE TRAY
26	3	2L-31-8-L	UHMW SPACER
27	1	4M-45-14-L-W-U	DROP BOTTOM SLIDE TRAY
28	1	4M-33-151-L	ALUM SIDE RAIL
29	1	4M-33-151-L	ALUM SIDE RAIL
30	18	CP-3297	SERRATED FLANGE NUT 0.25-20 BLACK OXIDE
31	16	CP-695	HEX SOCKET BUTTON HEAD SCREW .250-20 x .750

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
32	1	4M-45-12-L-W-U	ADK BOTTOM BELT TRAY
33	1	4M-44-12-L	RH BOTTOM BELT GUARD SIDE
34	1	4M-44-16-L	RH BOTTOM BELT GUARD SIDE
35	1	4M-44-15-L	LH BOTTOM BELT GUARD SIDE
36	2	4S-36-29-L	TELESPAR EXT
37	2	4S-36-28-L	TELESPAR LEG
38	1	4M-33-152-L	ALUM SIDE RAIL
39	1	4M-33-152-L	ALUM SIDE RAIL
40	1	4M-44-11-L	LH BOTTOM BELT GUARD SIDE
41	44	CP-3342	FLAT WASHER .375
42	2	CP-2419	HEX SOCKET BUTTON HEAD SCREW .250-20 x .500
43	40	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
44	32	CP-3299	3/8-16 SERRATED FLANGE
45	6	CP-2856	HEX NUT INSERT 3/8-16 GRIP RANGE .027-.150 (AKPT6P616)
46	3	4M-29-35-L	DELIN WEAR STRIP
47	2	4M-31-20	INFEED 6" TAIL SPACER PLATE
48	2	4M-14-23-S	SST CONV. TO SUB-BASE LEG MNT.
49	1	4M-08-2-(L/R)	PULLEY GUARD
50	2	4M-08-1-(L/R)	PULLEY GUARD
51	1	4M-08-1-(L/R)	PULLEY GUARD
52	4	2M-67-1-S	SST BEARING COVER
53	2	2M-229-5-S	DDK ADJUSTING SUPPORT
54	1	DDK-227-2-1-S	SST INFEED TRANS. MOUNTING
55	1	DDK-227-2-2-S	SST INFEED TRANS. MOUNTING
56	1	DDK-27-3-(L/R)-S	SST INCLINE TRANSITION BRKT
57	1	DDK-27-3-(L/R)-S	SST INCLINE TRANSITION BRKT
58	2	2L-15-1	ATLK / STLK RETURN
59	2	2M-15-1	TRANSITION PINCH IDLER WHEEL
60	1	2M-40-2-W	RETURN IDLER
61	2	4M-08-6-S	ADJ. TRANSITION PINCH IDLER
62	1	4M-208-1-S	SST LH TRANSITION PINCH IDLER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
63	1	4M-208-2-S	SST RH TRANSITION PINCH IDLER
64	1	4M-21-3-W	RETURN IDLER ROLLER SHAFT
65	6	CP-1210	LOCKING COLLAR .750IDx1.250ODx.563TH
66	12	CP-2132	1/4 - 20 AVIBANK NUTSERT
67	2	CP-3051	SHOULDER SCREW .500 x .375
68	2	CP-7037	LSE-11 ROLLER BEARING
69	2	CP-7310	SNAP RING 35MM DIA (SEEGER) ATS-25
70	2	CP-7035	SNAP RING, 15mm EXTERNAL RING
71	2	CP-658	FLAT WASHER .500 SAE
72	2	CP-894	FLAT WASHER .500 SST
73	4	CP-3340	FLAT WASHER .250
74	4	CP-690	THUMB SCREW 1/4 - 20 X 3/4" PLATED
75	8	CP-1581	1 1/2 x 3" BLACK PLASTIC CAP
76	10	CP-3067	HEX SERRATED FLANGE SCREW 0.250-20x0.500" ZINC PLATED
77	8	CP-3296	HEX SOCKET BUTTON HEAD SCREW .375-16 x 2.500
78	6	EL-395	HEYCO DOME PLUG #2733
79	4	CP-2321	PLASTIC CAP 1.500x1.500 SQUARE
80	2	2M-232-3-S	TAKE-UP ASSY
81	2	2M-232-4-S	TAKE-UP ASSY
82	1	2M-38-1-S	SST REACTION ROD
83	1	4E-269-1	BLACK WIRE ASSY FOR STD DRIVE PAK
84	1	4E-269-2	GREEN WIRE ASSY FOR STD DRIVE PAK
85	1	4E-62-1	CONDUIT FOR STD DRV PAK
86	1	2M-14-3-S	FG-5 SWITCH MOUNTING BRACKET
87	1	2M-14-28-1-S	SST REACTION ROD BRACKET
88	1	2M-08-12-S	SST 050 MOTOVARIO GEARBOX OUTPUT SHAFT GUARD
89	1	2E-263-1	15' POWER CORD
90	1	EL-533	SQ.D. HEATER A9.85
91	3	EL-455	WIRE NUT "Y" TYPE
92	1	EL-358	APPLETON CORD GRIP CONNECTOR #CG-3150
93	1	EL-353	90 DEG .500 INCH CONDUIT FITTING (REF RACO)

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

ACRK CLEAN ROOM CONVEYOR - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
94	1	EL-354	.500 INCH STRAIGHT CONNECTOR
95	3	EL-301	RING TERMINAL 14-16 AWG, #8 (STUD)
96	1	EL-168	SWITCH - FG5 SQ. D.
97	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
98	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
99	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60I66-4
100	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
101	2	EL-394	HEYCO SNAP BUSHING #2182
102	4	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
103	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
104	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
105	6	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
106	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED
107	4	CP-3786	5/16 FLANGE HEX NUT
108	5	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
109	2	CP-3068	HEX FLANGE NUT 0.25-20
110	1	CP-1003	1/4"SQ x 1.500 KEY
111	1	2M-14-29-3-S	SST REACTION ROD BRACKET
112	8	CP-188	HEX HEAD SCREW .250-20 x .750 SST
113	8	CP-182	FLAT WASHER .250 SAE SST
114	8	CP-185	LOCK WASHER .250 SPLIT RING SST
115	16	CP-346	HEX HEAD SCREW .375-24 x 3.000 SST
116	68	CP-183	FLAT WASHER .375 SST SAE
117	4	2M-14-16-S	SST LEG MOUNTING BRACKET
118	4	4S-236-X	LEG WELD ASSY
119	2	4S-41-37-L	5/8" DIA. SST CROSS BRACE
120	4	CP-284	HEX JAM NUT .500-13 SST
121	20	CP-175	HEX HEAD SCREW .375-16 x 1.000 SST
122	4	4S-36-X	LEG EXTENSION
123	4	CP-1239	SWIVEL CASTER, 4"X1 3/8"
124	1	BELT	BELT FOR ACRK

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR - ASSEMBLED VIEW

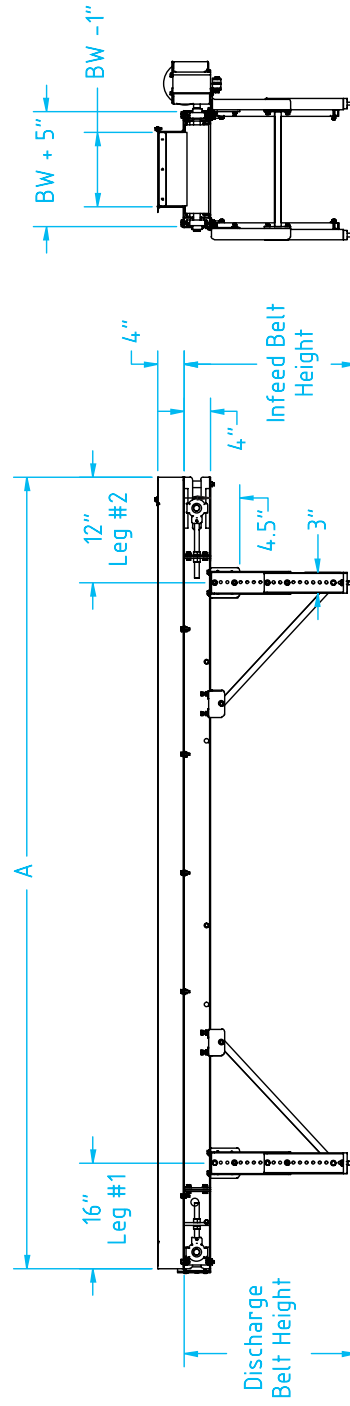
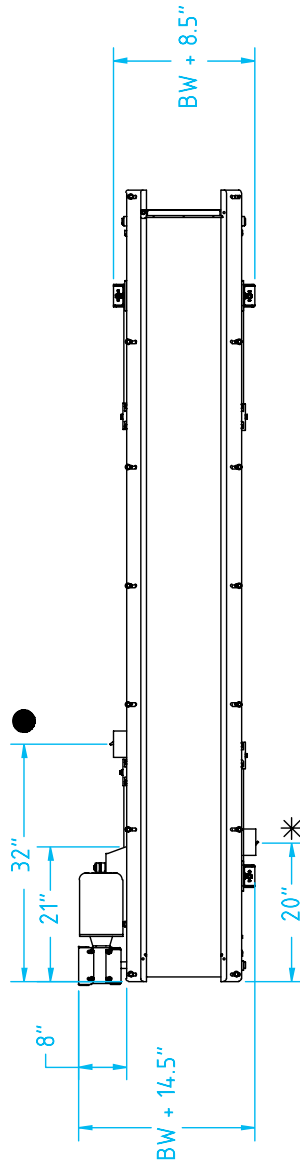


SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR - BASIC DIMENSIONS

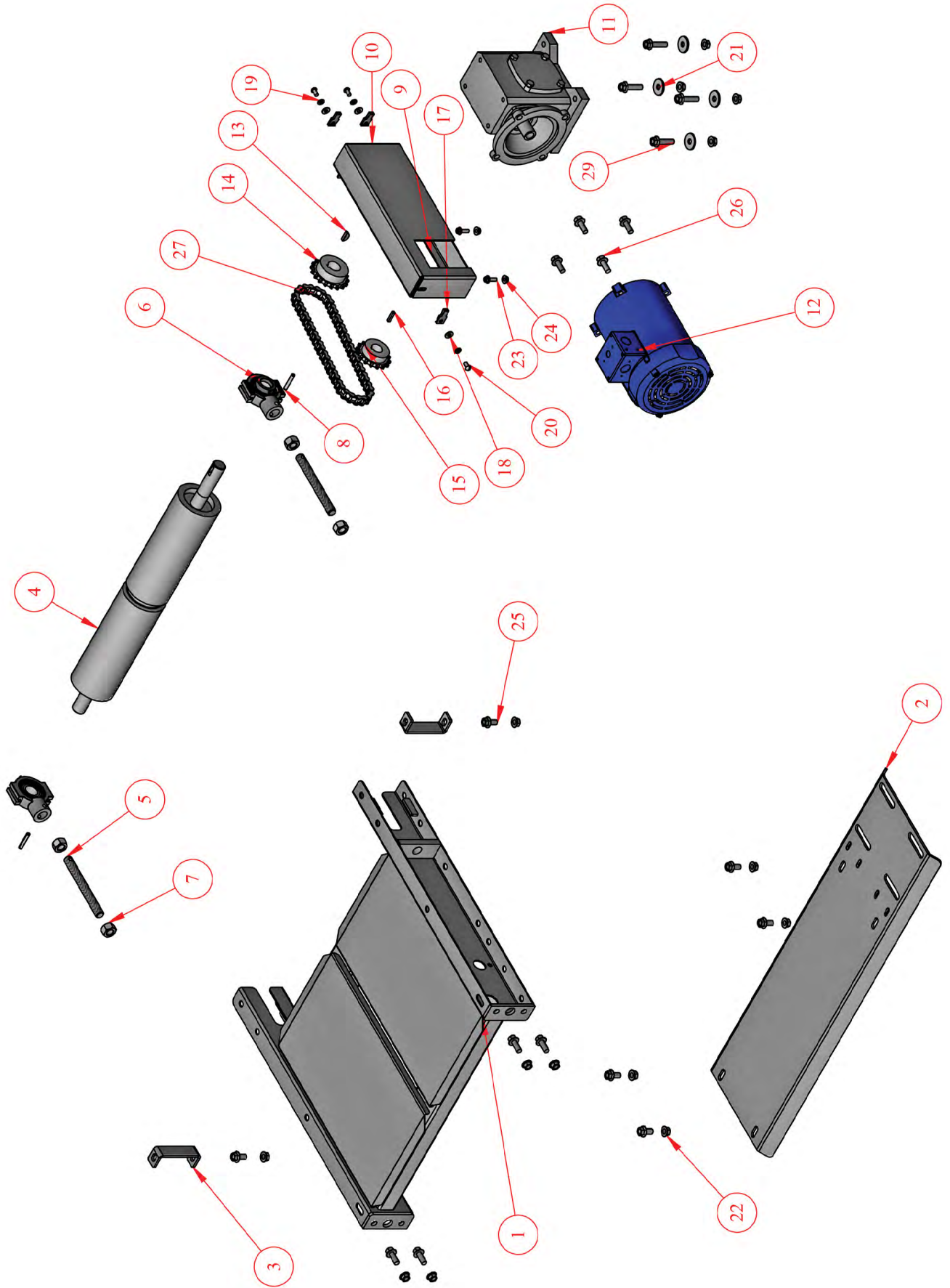
BW = Belt width.

- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR DRIVE HEAD ASSEMBLY - EXPLODED VIEW



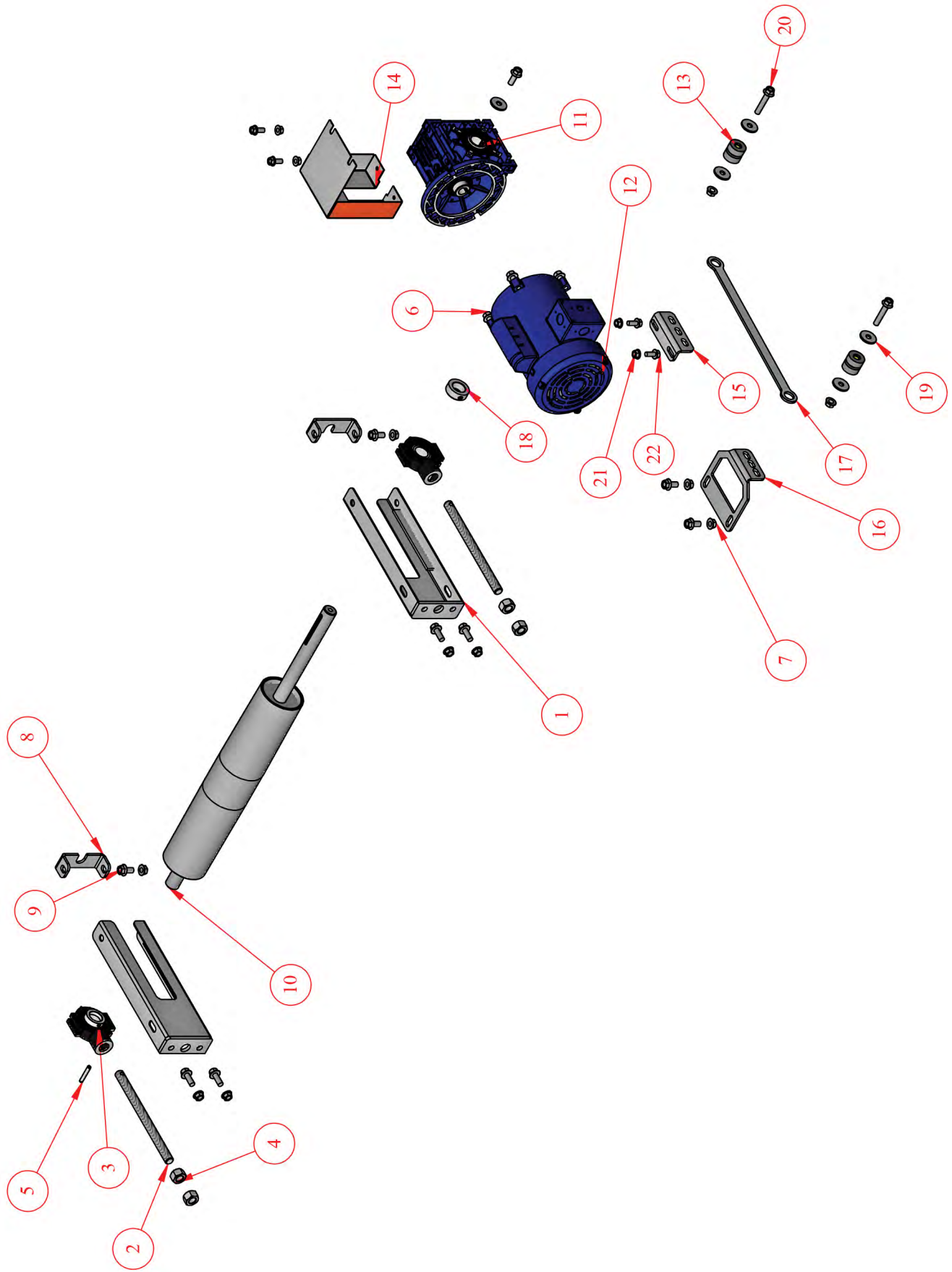
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR DRIVE HEAD ASSEMBLY - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	1	4E-204-1-W	DR. HEAD WELD ASSEMBLY
2	1	4E-29-23-W	SUPPORT
3	2	4E-14-1	"C" CLIP
4	1	2E-210-3-W	DRIVE PULLEY
5	2	2E-32-5	THREADED ROD
6	2	CP-822	BEARING - RUPL - 16 X 1" BORE
7	4	CP-505	HEX NUT .625-11
8	2	CP-1360	ROLL PIN .250 x 1.500
9	1	4E-08-11	LHCHAIN GUARD FOR RM CONV.
10	1	4E-67-12	LH. CHAIN GUARD COVER FOR
11	1	CP-1754	BOSTON GEAR #F718B-60T-B5-G1
12	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
13	1	CP-1005	1/4 X 7/8 WOODRUFF KEY
14	1	CP-1364	SPROCKET, 40B18 x 1"
15	1	CP-1295	SPROCKET 40B16 x .875
16	1	CP-1006	3/16"SQ x 1.000 KEY
17	3	CP-611	1/4-20 TINNERMAN NUT
18	3	CP-654	FLAT WASHER .250 SAE
19	3	CP-702	LOCK WASHER .250 SPLIT RING
20	3	CP-275	SLOTTED ROUND HEAD SCREW .250-20 x .500
21	4	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
22	14	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
23	2	CP-2942	HEX FLANGE SCREW 0.250-20x0.750
24	2	CP-3068	HEX FLANGE NUT 0.25-20
25	6	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
26	8	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
27	1	2E-40-4	ROLLER DRIVE CHAIN #40
28	1	CP-1297	#40 CONNECTOR LINK
29	4	CP-3751	HEX SERRATED FLANGE SCREW 0.375-16x1.500" ZINC PLATED

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR DRIVE SECTION FOR DOUBLE V-GUIDE - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

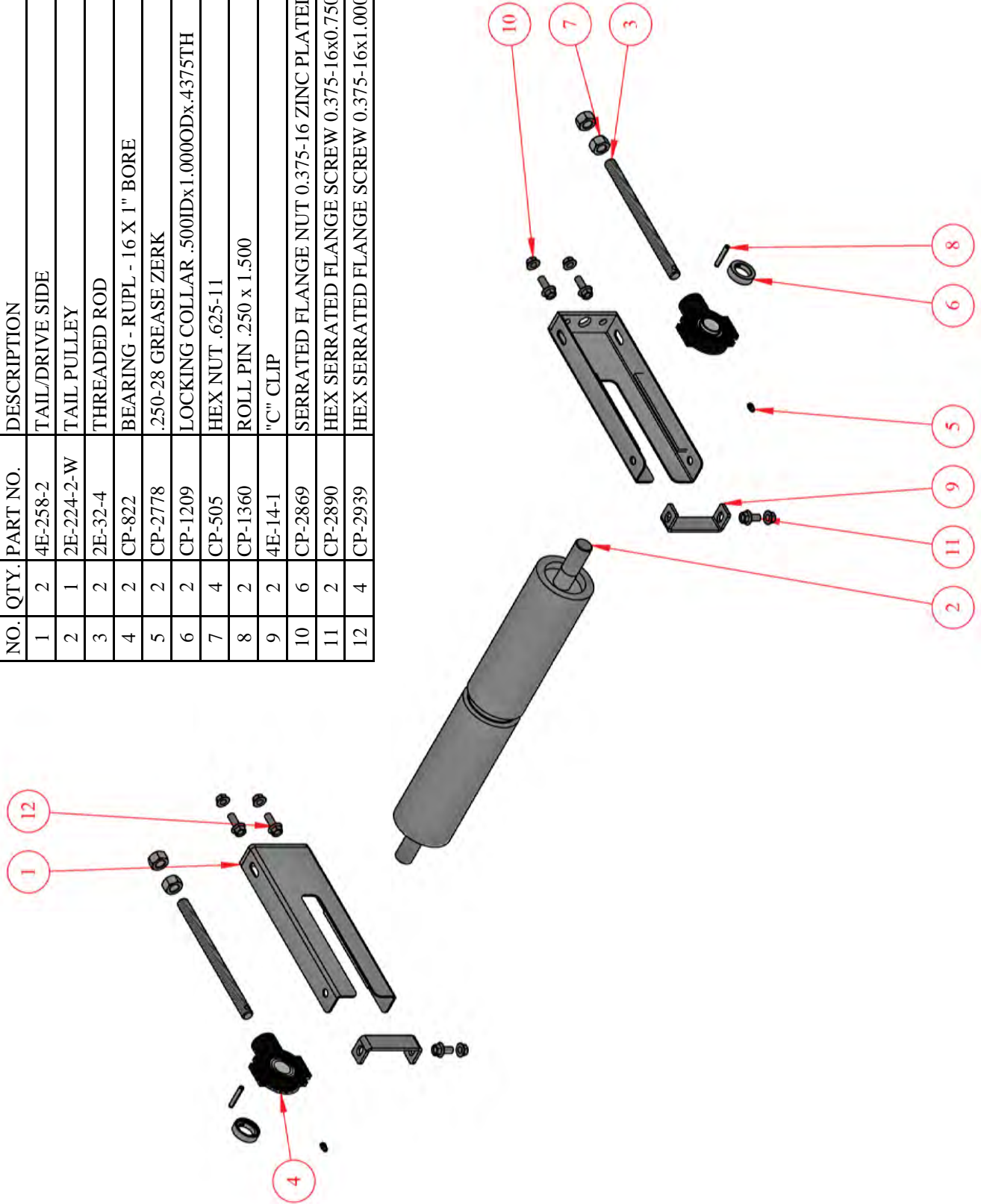
RM CONVEYOR DRIVE SECTION FOR DOUBLE V-GUIDE - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	4E-258-2-DV	TAIL/DRIVE SIDE
2	2	2E-32-4	THREADED ROD
3	2	CP-822	BEARING - RUPL - 16 X 1" BORE
4	4	CP-505	HEX NUT .625-11
5	2	CP-1360	ROLL PIN .250 x 1.500
6	9	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
7	10	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
8	2	4E-14-1-DV	END BRACKET
9	4	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
10	1	4M-210-6-W	WELD ASSY FOR STEEL DRIVE
11	1	CP-3290	MOTOVARIO GEAR REDUCER #NMRV050-40-56C
12	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
13	2	CP-3178	UNIVERSAL MOUNT (NARROW) #60166-4
14	1	2M-08-12	050 MOTOVARIO GEARBOX
15	1	2M-14-28-1	REACTION ROD BRACKET
16	1	2M-14-29-3	REACTION ROD BRACKET
17	1	2M-38-1	REACTION ROD
18	1	CP-1201	LOCKING COLLAR 1.000IDx1.625ODx.625TH
19	5	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
20	2	CP-3049	HEX SERRATED FLANGE SCREW 0.375-16x2.000" ZINC PLATED
21	4	CP-3786	5/16 FLANGE HEX NUT
22	4	CP-2941	HEX SERRATED FLANGE SCREW 0.313-18x0.750" ZINC PLATED

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR TAIL SECTION - EXPLODED VIEW & PARTS LIST

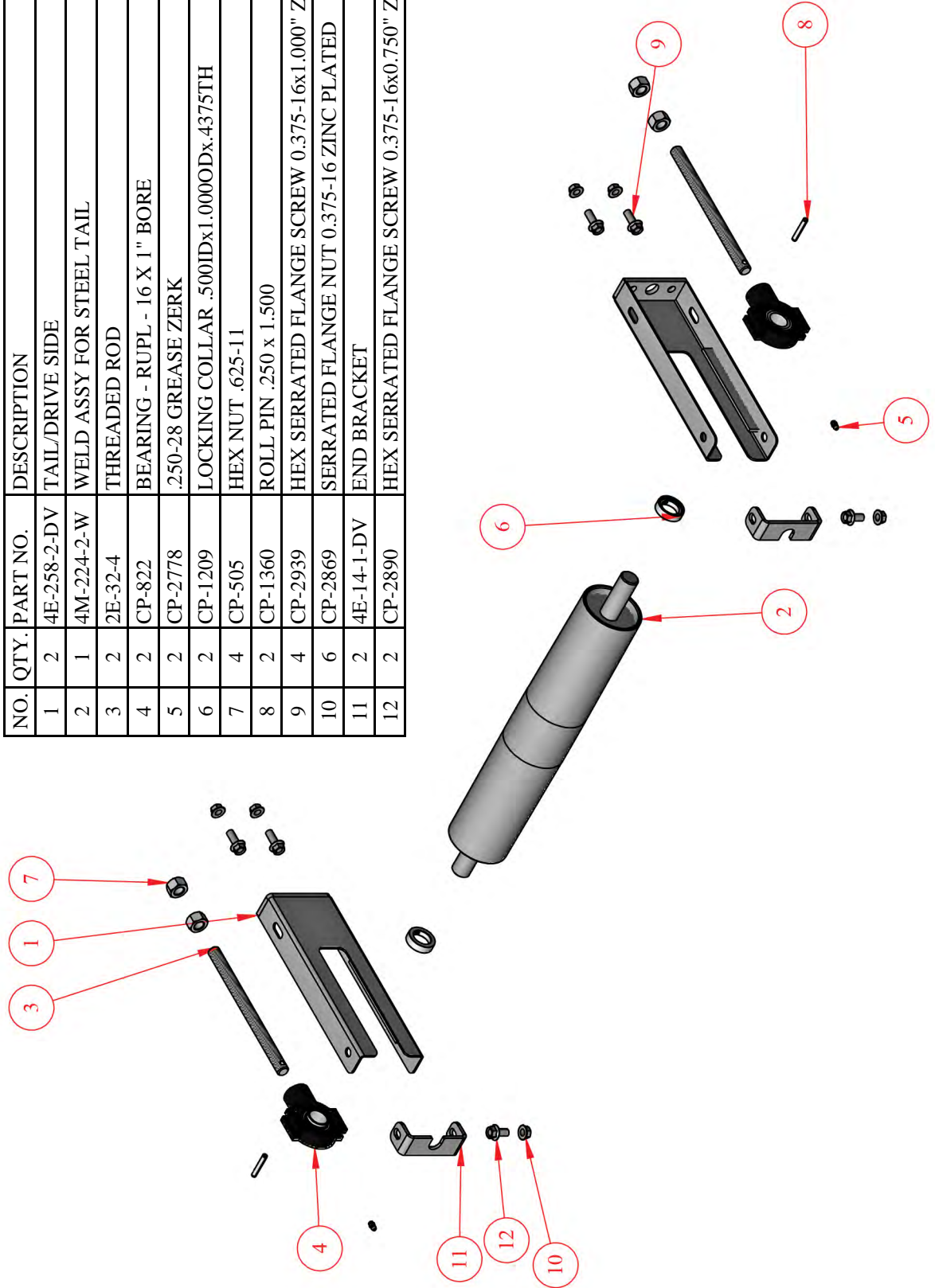
NO.	QTY.	PART NO.	DESCRIPTION
1	2	4E-258-2	TAIL/DRIVE SIDE
2	1	2E-224-2-W	TAIL PULLEY
3	2	2E-32-4	THREADED ROD
4	2	CP-822	BEARING - RUPL - 16 X 1" BORE
5	2	CP-2778	.250-28 GREASE ZERK
6	2	CP-1209	LOCKING COLLAR .500IDx1.000ODx.4375TH
7	4	CP-505	HEX NUT .625-11
8	2	CP-1360	ROLL PIN .250 x 1.500
9	2	4E-14-1	"C" CLIP
10	6	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
11	2	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
12	4	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM CONVEYOR TAIL SECTION FOR DOUBLE V-GUIDE - EXPLODED VIEW & PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	4E-258-2-DV	TAIL/DRIVE SIDE
2	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
3	2	2E-32-4	THREADED ROD
4	2	CP-822	BEARING - RUPL - 16 X 1" BORE
5	2	CP-2778	.250-28 GREASE ZERK
6	2	CP-1209	LOCKING COLLAR .500IDx1.000ODx.4375TH
7	4	CP-505	HEX NUT .625-11
8	2	CP-1360	ROLL PIN .250 x 1.500
9	4	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
10	6	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
11	2	4E-14-1-DV	END BRACKET
12	2	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

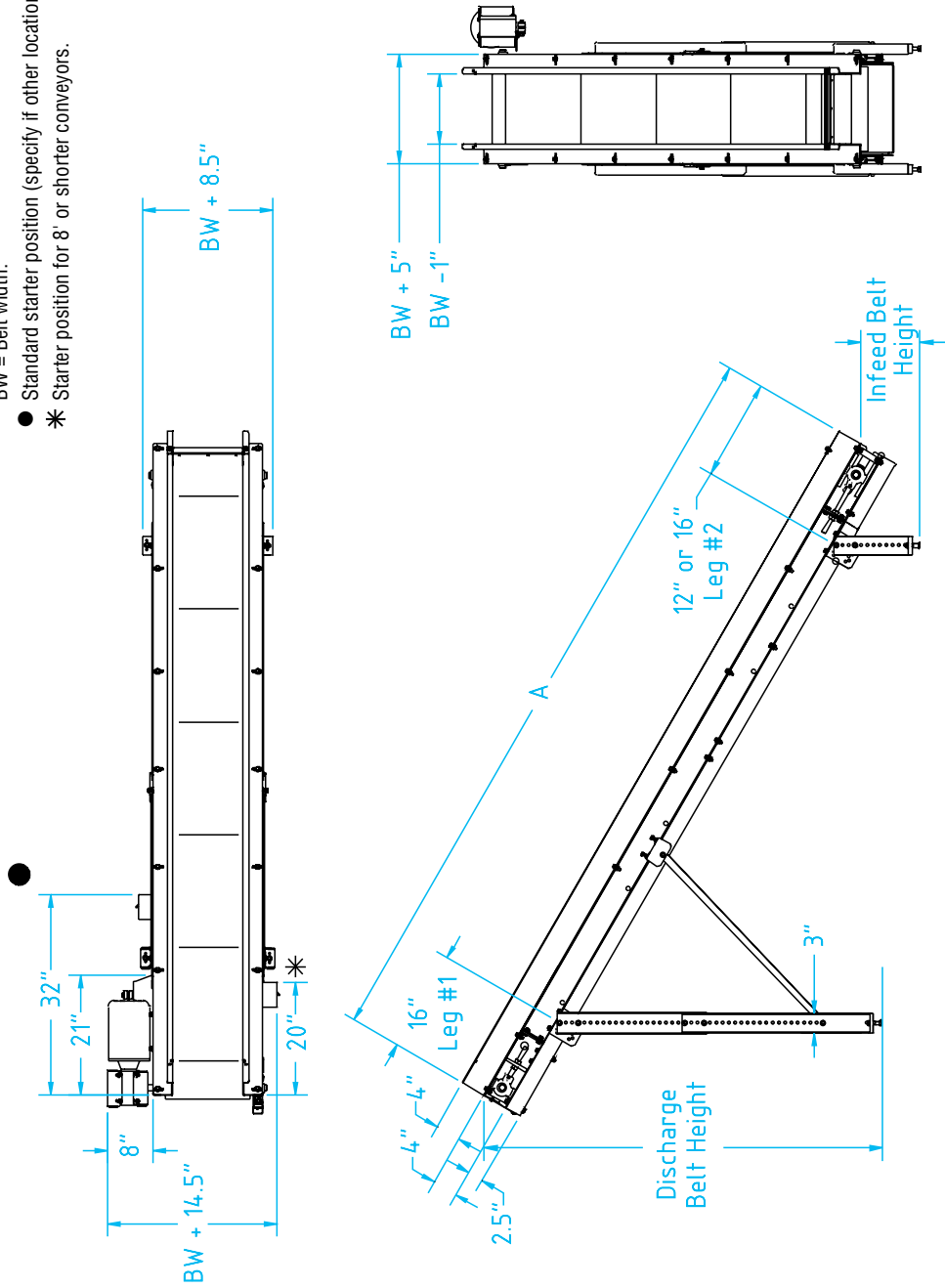
RMC CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

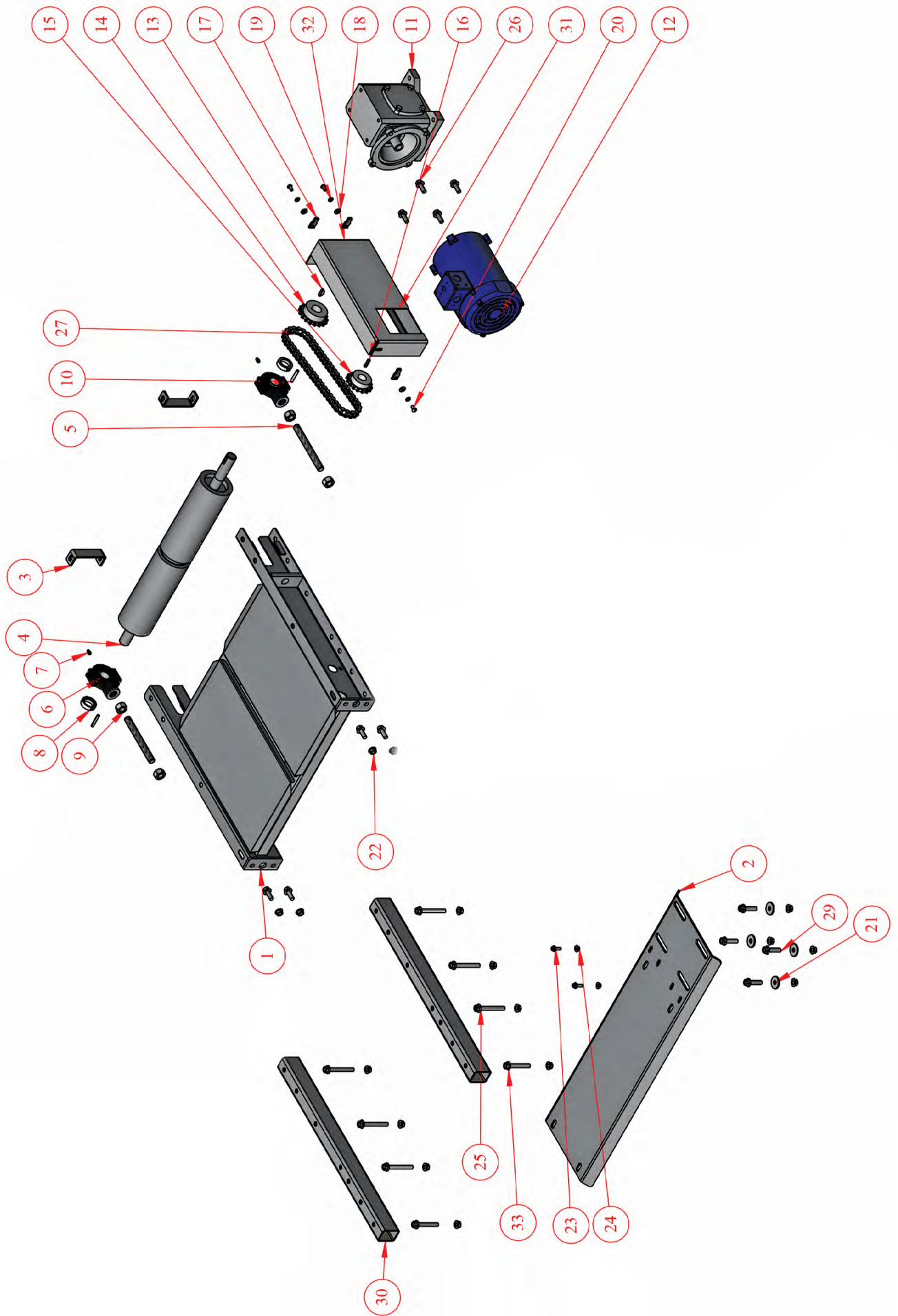
RMC CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- * Starter position for 8' or shorter conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RMC CONVEYOR DRIVE HEAD ASSEMBLY - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

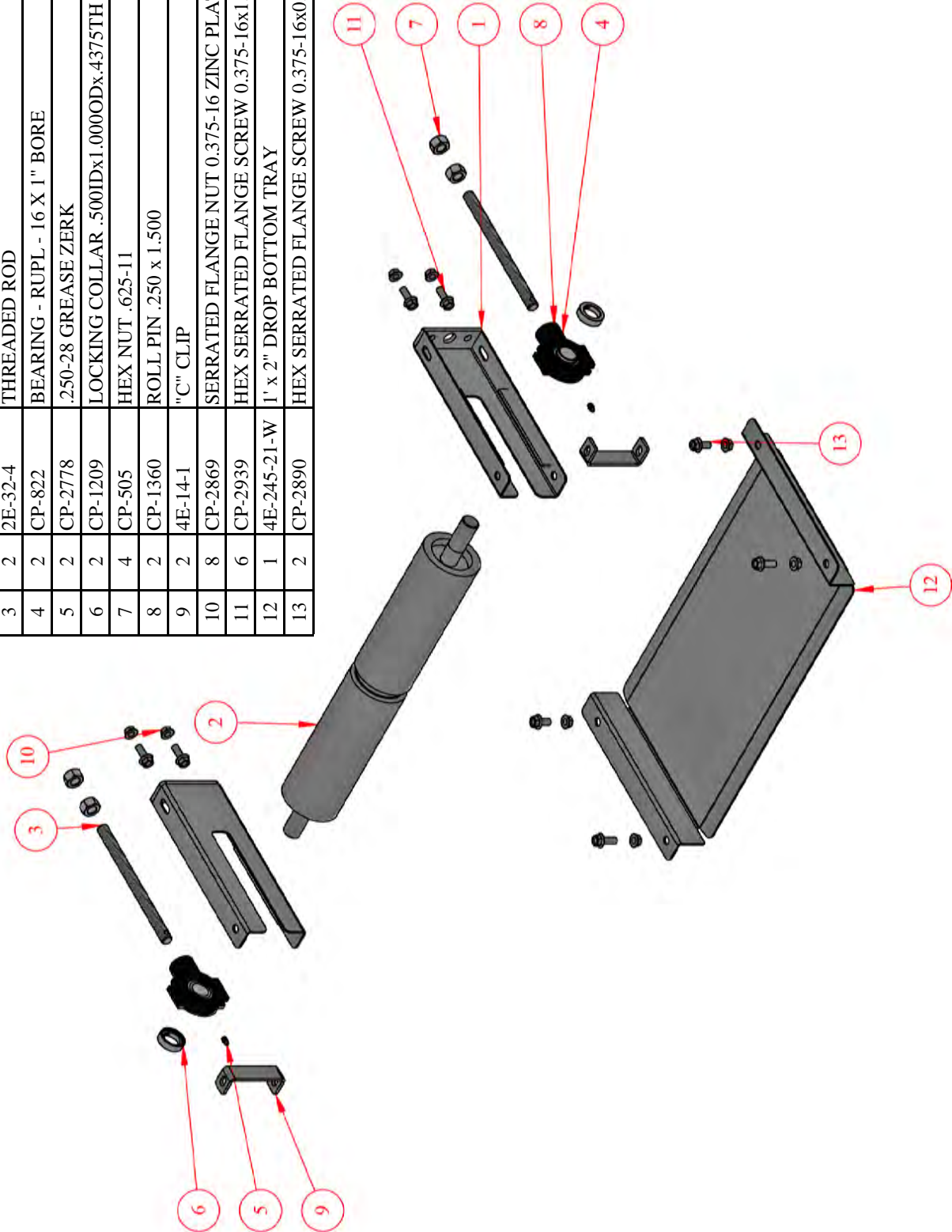
RMC CONVEYOR DRIVE HEAD ASSEMBLY - PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	1	4E-204-1-W	DR. HEAD WELD ASSEMBLY
2	1	4E-29-23-W	SUPPORT
3	2	4E-14-1	"C" CLIP
4	1	2E-210-3-W	DRIVE PULLEY
5	2	2E-32-5	THREADED ROD
6	2	CP-822	BEARING - RUPL - 16 X 1" BORE
7	2	CP-2778	.250-28 GREASE ZERK
8	2	CP-1209	LOCKING COLLAR .500IDx1.000ODx.4375TH
9	4	CP-505	HEX NUT .625-11
10	2	CP-1360	ROLL PIN .250 x 1.500
11	1	CP-1754	BOSTON GEAR #F718B-60T-B5-G1
12	1	EL-116B	LINCOLN LM24598 1/3 HP 115/230/60/1
13	1	CP-1005	1/4 X 7/8 WOODRUFF KEY
14	1	CP-1364	SPROCKET, 40B18 x 1"
15	1	CP-1295	SPROCKET 40B16 x .875
16	1	CP-1006	3/16"SQ x 1.000 KEY
17	3	CP-611	1/4-20 TINNEMAN NUT
18	3	CP-654	FLAT WASHER .250 SAE
19	3	CP-702	LOCK WASHER .250 SPLIT RING
20	3	CP-275	SLOTTED ROUND HEAD SCREW .250-20 x .500
21	4	CP-671	FLAT WASHER .407IDx1.250ODx.125TH
22	16	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
23	2	CP-2942	HEX FLANGE SCREW 0.250-20x0.750
24	2	CP-3068	HEX FLANGE NUT 0.25-20
25	6	CP-3873	HEX SERRATED FLANGE SCREW 0.375-16x3.000" ZINC PLATED
26	8	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
27	1	2E-40-4	ROLLER DRIVE CHAIN #40
28	1	CP-1297	#40 CONNECTOR LINK
29	4	CP-3751	HEX SERRATED FLANGE SCREW 0.375-16x1.500" ZINC PLATED
30	2	4E-31-1	2" DR. HEAD SPACER
31	1	4E-08-1	CHAIN GUARD FOR RMC
32	1	4E-67-1	RMC CHAIN GUARD COVER
33	2	CP-3050	HEX SERRATED FLANGE SCREW 0.375-16x2.500" ZINC PLATED

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RMC CONVEYOR TAIL SECTION ASSEMBLY - EXPLODED VIEW & PARTS LIST

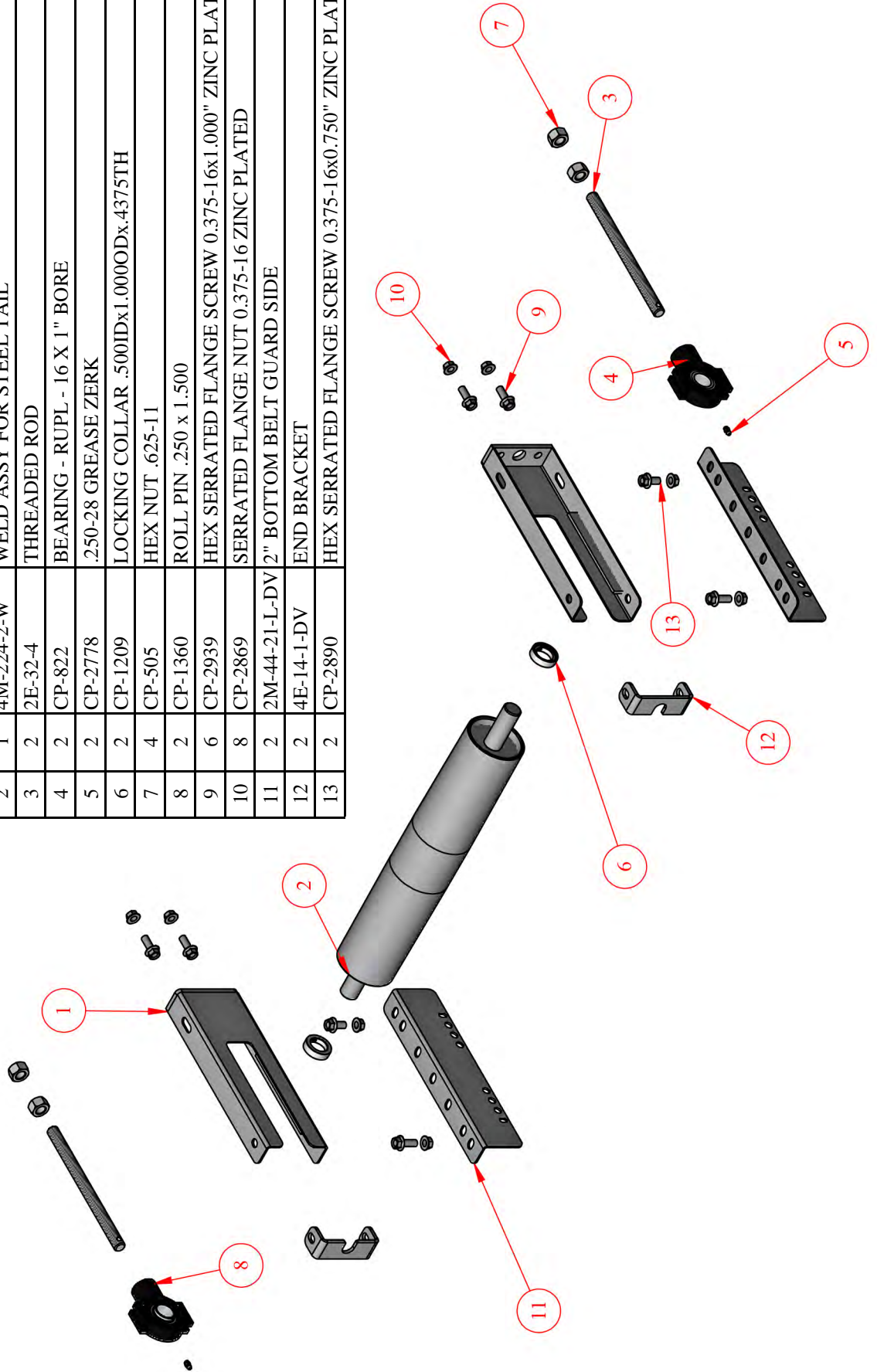
NO.	QTY.	PART NO.	DESCRIPTION
1	2	4E-258-2	TAIL/DRIVE SIDE
2	1	2E-224-2-W	TAIL PULLEY
3	2	2E-32-4	THREADED ROD
4	2	CP-822	BEARING - RUPL - 16 X 1" BORE
5	2	CP-2778	.250-28 GREASE ZERK
6	2	CP-1209	LOCKING COLLAR .500IDx1.000ODx.4375TH
7	4	CP-505	HEX NUT .625-11
8	2	CP-1360	ROLL PIN .250 x 1.500
9	2	4E-14-1	"C" CLIP
10	8	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
11	6	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
12	1	4E-245-21-W	1' x 2" DROP BOTTOM TRAY
13	2	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RMC CONVEYOR TAIL SECTION FOR DOUBLE V-GUIDE - EXPLODED VIEW & PARTS LIST

NO.	QTY.	PART NO.	DESCRIPTION
1	2	4E-258-2-DV	TAIL/DRIVE SIDE
2	1	4M-224-2-W	WELD ASSY FOR STEEL TAIL
3	2	2E-32-4	THREADED ROD
4	2	CP-822	BEARING - RUPL - 16 X 1" BORE
5	2	CP-2778	.250-28 GREASE ZERK
6	2	CP-1209	LOCKING COLLAR .500IDx1.000ODx.4375TH
7	4	CP-505	HEX NUT .625-11
8	2	CP-1360	ROLL PIN .250 x 1.500
9	6	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
10	8	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
11	2	2M-44-21-L-DV	2" BOTTOM BELT GUARD SIDE
12	2	4E-14-1-DV	END BRACKET
13	2	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KK CONVEYOR - ASSEMBLED VIEW

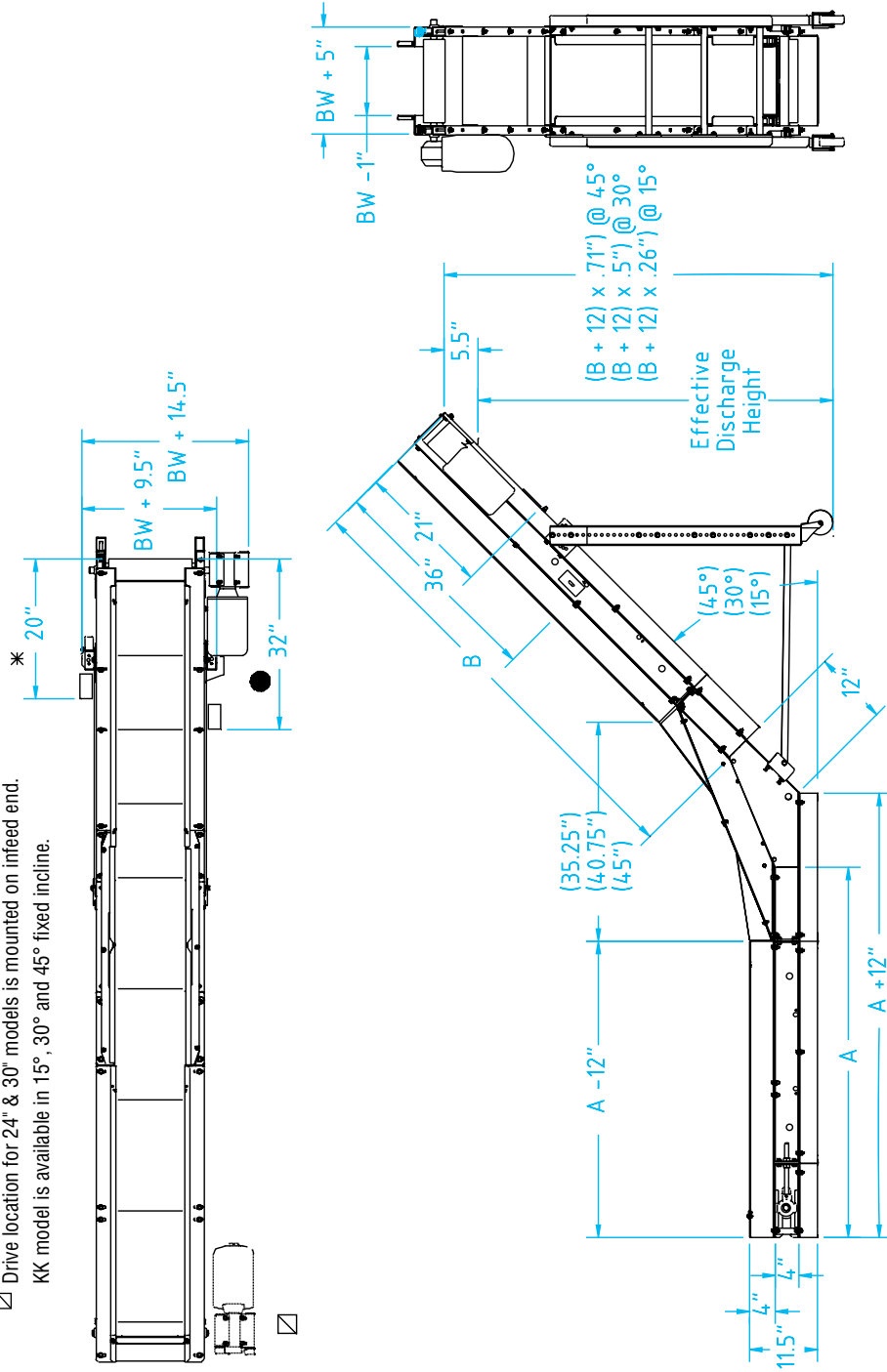


SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KK CONVEYOR - BASIC DIMENSIONS

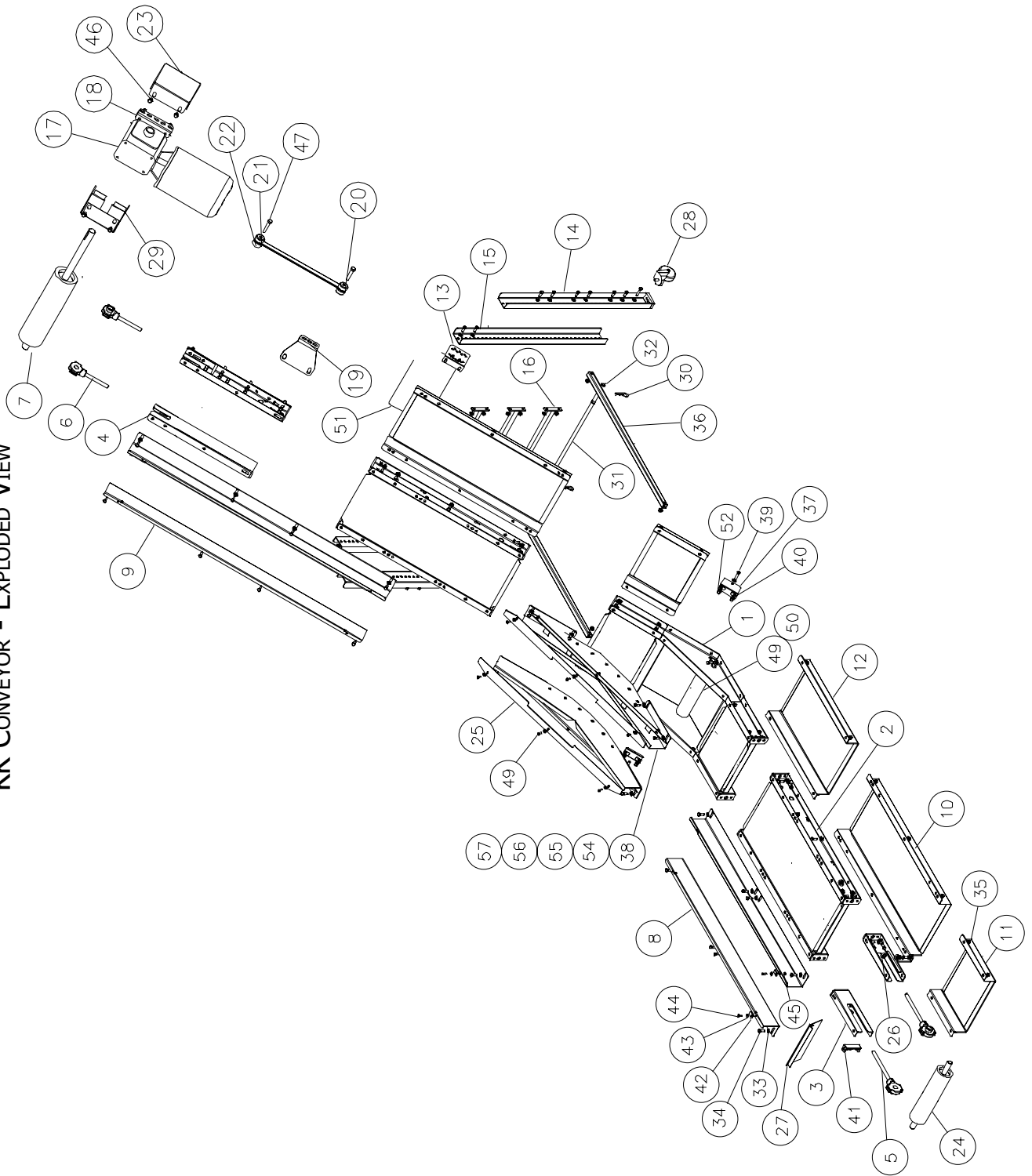
BW = Belt width.

- Standard starter position (specify if other location).
 - * Starter position for 8' or shorter conveyors.
 - ☐ Drive location for 24" & 30" models is mounted on infeed end.
- KK model is available in 15°, 30° and 45° fixed incline.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KK CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KK CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	TRANSITION ASSY
2	2	FRAME ASSY
3	2	TAIL ASSY
4	1	DRIVE HEAD ASSY
5	2	TAIL PULLEY TAKE-UP BEARING
6	2	DRIVE PULLEY TAKE-UP BEARING
7	1	DRIVE PULLEY
8	2	INFEED RAIL
9	2	DISCHARGE RAIL
10	2	BOTTOM SLIDE TRAY
11	2	1' TAIL BOTTOM SLIDE TRAY
12	1	2' KK BOTTOM SLIDE TRAY
13	2	LEG MOUNTING BRACKET
14	2	LEG WELD ASSY
15	2	LEG EXTENSION
16	3	LEG BRACE ASSY
17	2	MOTOR MOUNT SPACER TUBE
18	1	MOTOR & REDUCER SUPPORT
19	1	SPROCKET
20	1	SPROCKET
21	1	MOTOR & REDUCER
22	1	CHAIN GUARD COVER
23	1	CHAIN GUARD
24	1	TAIL PULLEY
25	2	TRANSITION BELT ROLLER GUARD
26	8	5/8-11 HEX NUT
27	1	FLAPPER ASSY
28	2	WHEEL
29	2	"U" BOLT

ITEM	QTY	PART DESCRIPTION
30	4	SPRING PIN
31	1	AXLE SHAFT
32	2	SNAP RING
33	98	3/8 WASHER
34	86	3/8-24x1 HEX BOLT
35	98	3/8-24 HEX NUT
36	2	KNEE BRACE
37	2	LEG BRACE SUPPORT
38	2	TRANSITION RAIL ASSY
39	4	3/8-24x 1-3/4 HEX BOLT
40	4	3/8-16 HEX JAM NUT
41	4	END BRACKET
42	2	FLAPPER CLIP
43	13	1/4 WASHER
44	10	1/4-28 X 3/4 HEX BOLT
45	10	1/4-20 HEX NUT
46	8	3/8-24x4 HEX BOLT
47	3	1/4-20x3/4 SLOTTED ROUND HEAD CAP SCREW
48	4	3/8-24x1-1/2 HEX BOLT
49	2	IDLER ROLLER
50	1	IDLER SHAFT
51	1	BELT SUPPORT
52	4	3/8-16X1 SQHD SET SCREW
53	4	3/8X1-1/4OD WASHER
54	12	TRANSITION ROLLER
55	12	ROLLER BUSHING
56	12	ROLLER STUD
57	24	BRONZE WASHER
58	1	CHAIN (NOT SHOWN)

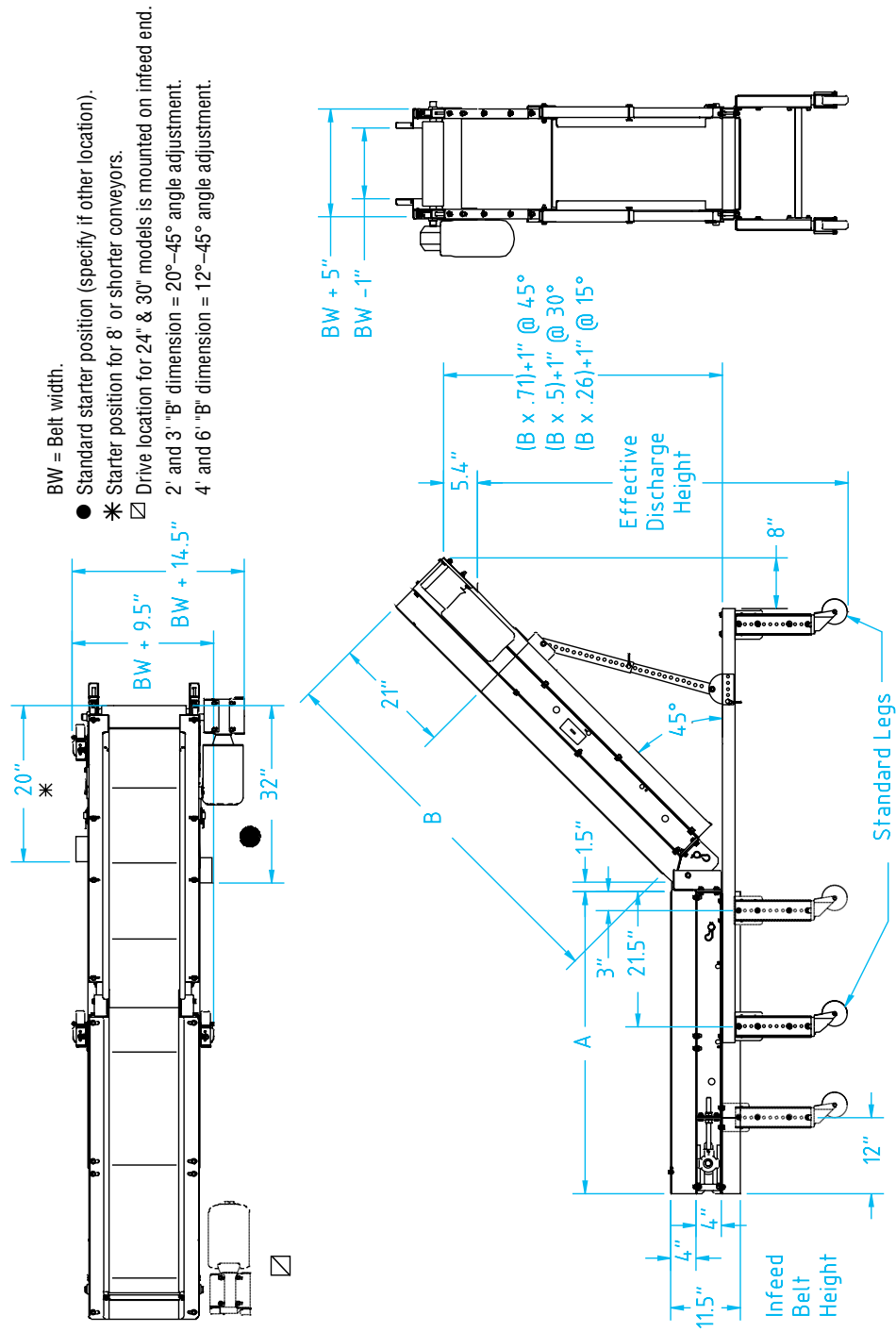
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KKI CONVEYOR - ASSEMBLED VIEW



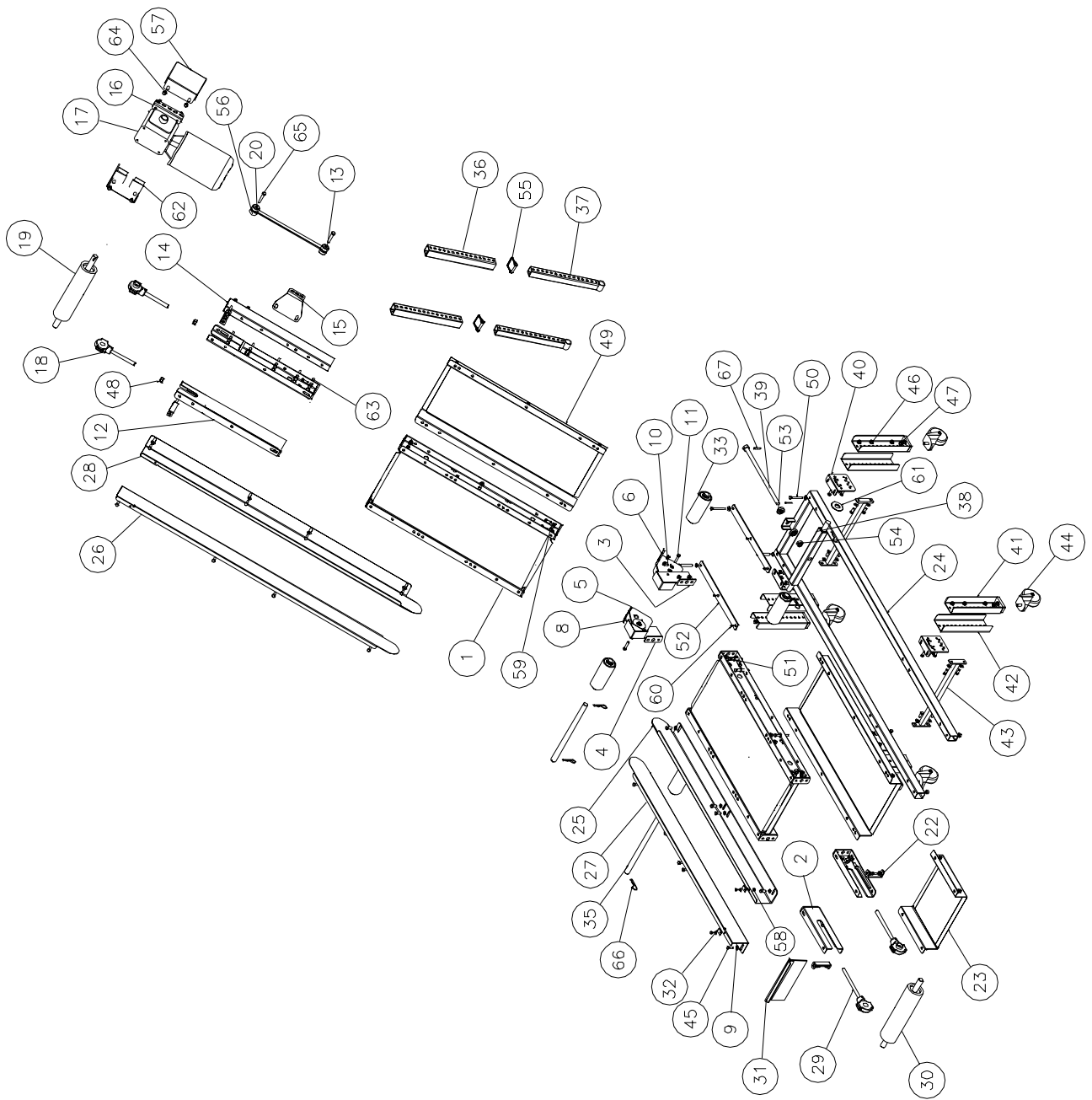
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KKI CONVEYOR - BASIC DIMENSIONS



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KKI CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

KKI CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION	ITEM	QTY	PART DESCRIPTION
1	2	FRAME ASSY	35	2	IDLER SHAFT
2	2	TAIL ASSY	36	2	TELESPAR LEG
3	1	RH INFEED PIVOT BRACKET	37	2	TELESPAR LEG ASSY
4	1	LH INFEED PIVOT BRACKET	38	1	ANGLE ADJUSTMENT
5	1	RH DISCHARGE PIVOT BRACKET	39	1	ADJUSTMENT SCREW
6	1	LH DISCHARGE PIVOT BRACKET	40	4	LEG MOUNTING BRACKET
7	6	3/8 X 1-1/4 OD WASHER	41	4	LEG WELD ASSY
8	2	TRANSITION ROLLER	42	4	LEG EXTENSION
9	91	3/8 FLAT WASHER	43	2	LEG BRACE ASSY
10	2	3/8 LOCK WASHER	44	4	CASTOR
11	2	3/8-24x1 - 3/4 HEX BOLT	45	51	3/8-24x1 HEX BOLT
12	1	DRIVE HEAD ASSY	46	89	3/8-24 HEX NUT
13	1	MOTOR & REDUCER SUPPORT	47	4	1/2-13 HEX JAM NUT
14	2	MOTOR MOUNT SPACER TUBE	48	8	5/8-11 HEX NUT
15	1	MOTOR & REDUCER	49	2	BOTTOM SLIDE TRAY
16	1	CHAIN GUARD	50	4	3/8-24x2-3/4 HEX BOLT
17	1	CHAIN GUARD COVER	51	8	3/8-24x3 HEX BOLT
18	2	DRIVE PULLEY TAKE-UP BEARING	52	2	UHMW GUIDE
19	1	DRIVE PULLEY	53	2	THRUST BEARING
20	1	SPROCKET	54	1	LOCK NUT
21	1	SPROCKET	55	2	CLIP PIN
22	4	END BRACKET	56	7	1/4 WASHER
23	1	1' TAIL BOTTOM SLIDE TRAY	57	4	1/4-28X3/4 HEX BOLT
24	1	ANGLE ADJUSTMENT	58	4	1/4-28 HEX NUT
25	1	LH INFEED RAIL	59	10	3/8-24x3/4 HEX BOLT
26	1	RH DISCHARGE RAIL	60	4	10-32x1/2 SLOTTED FLAT COUNTERSUNK HEAD CAP SCREW
27	1	RH INFEED RAIL	61	2	1" FLAT WASHER
28	1	LH DISCHARGE RAIL	62	1	BELT SUPPORT
29	2	TAIL PULLEY TAKE-UP BEARING	63	12	3/8-24x4 HEX BOLT
30	1	TAIL PULLEY	64	4	3/8-24x1-1/2 HEX BOLT
31	1	FLAPPER ASSY	65	3	1/4-20x3/4 SLOTTED ROUND HEAD CAP SCREW
32	2	FLAPPER CLIP	66	6	SPRING PIN
33	4	IDLER ROLLER ASSY	67	2	1/4 X 1-1/2 ROLL PIN
34	2	TELESPAR BRACKET	68	4	CHAIN (NOT SHOWN)

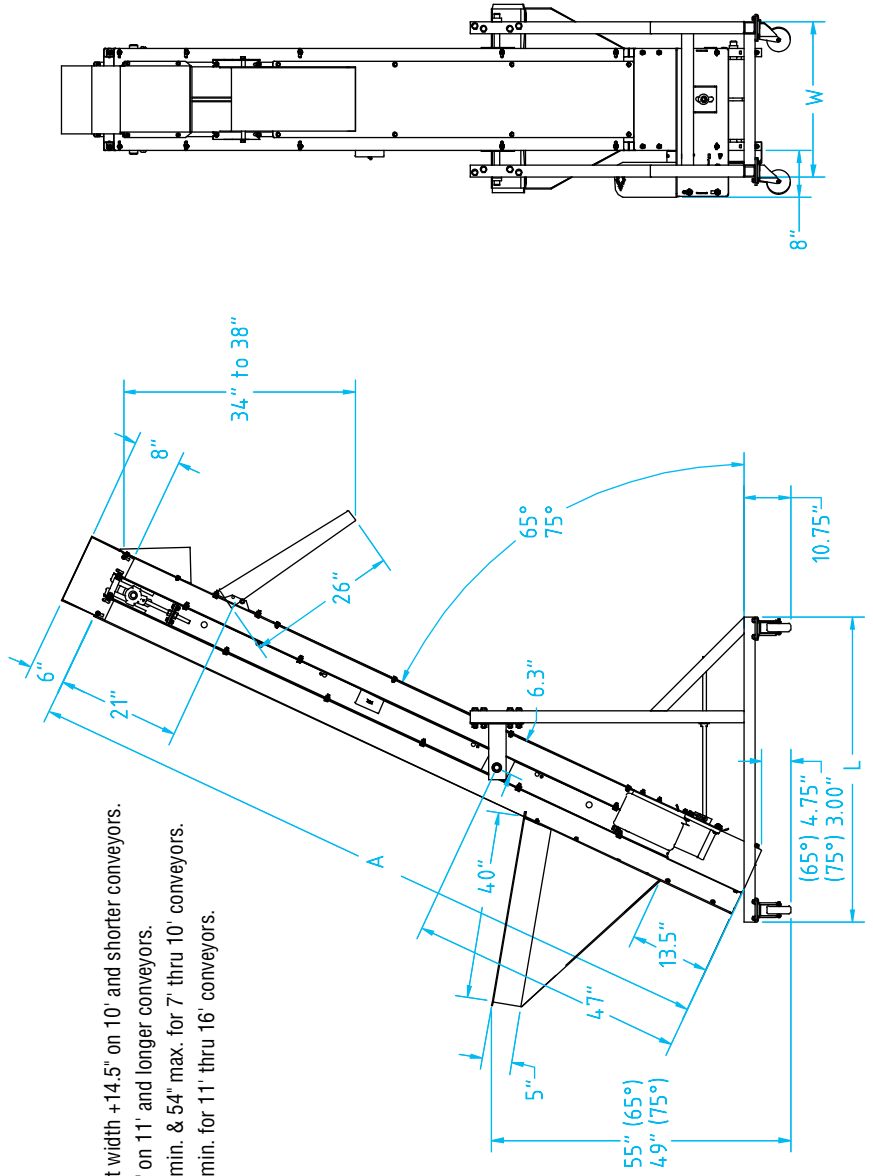
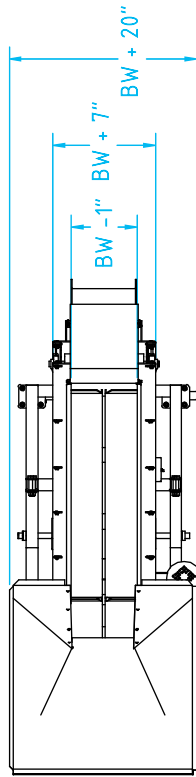
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RMSC CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

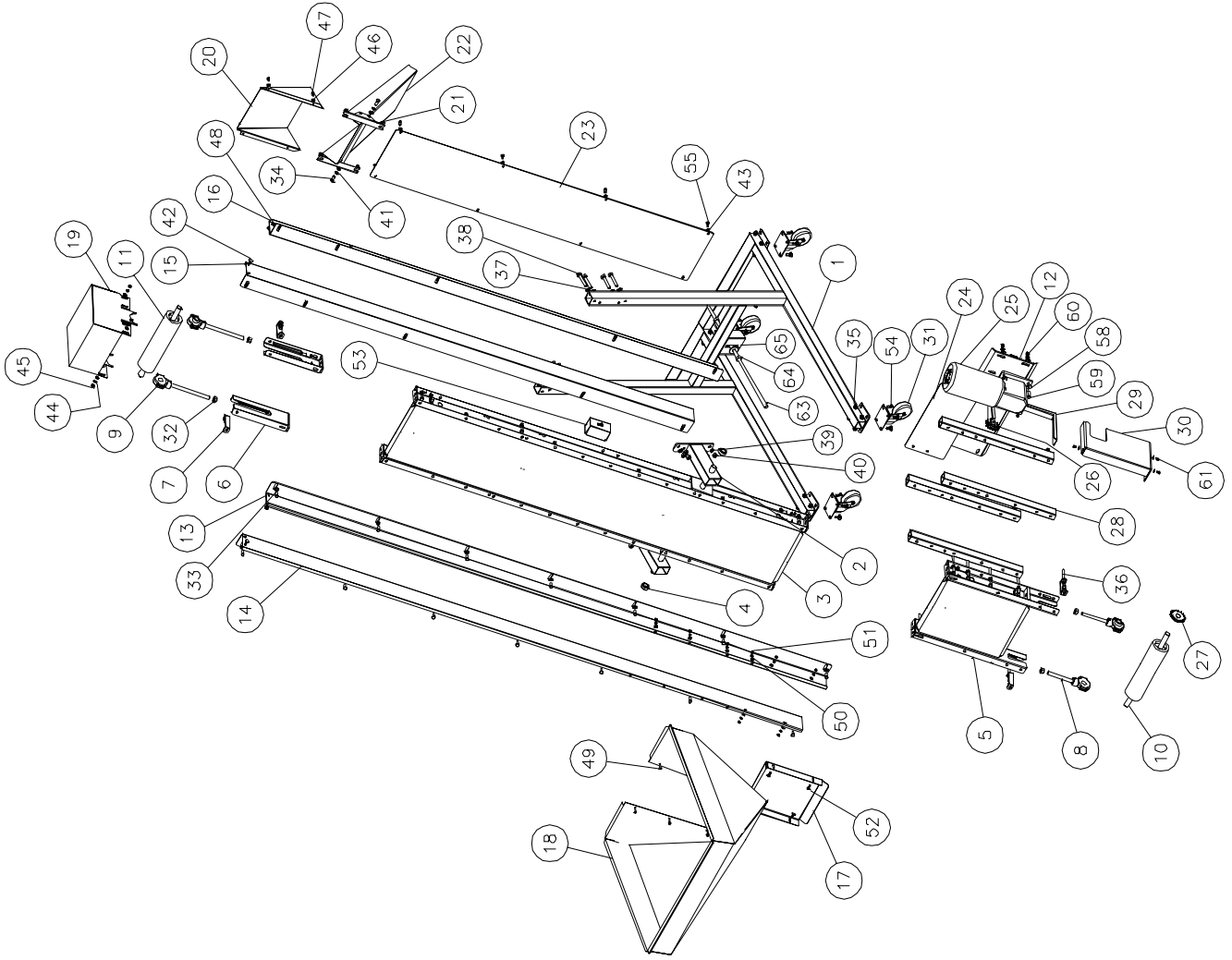
RMSC CONVEYOR - BASIC DIMENSIONS



- BW = Belt width.
- W dimension is belt width +14.5" on 10' and shorter conveyors.
- W dimension is 48" on 11' and longer conveyors.
- L dimension is 42" min. & 54" max. for 7' thru 10' conveyors.
- L dimension is 61" min. for 11' thru 16' conveyors.

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RMSC CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

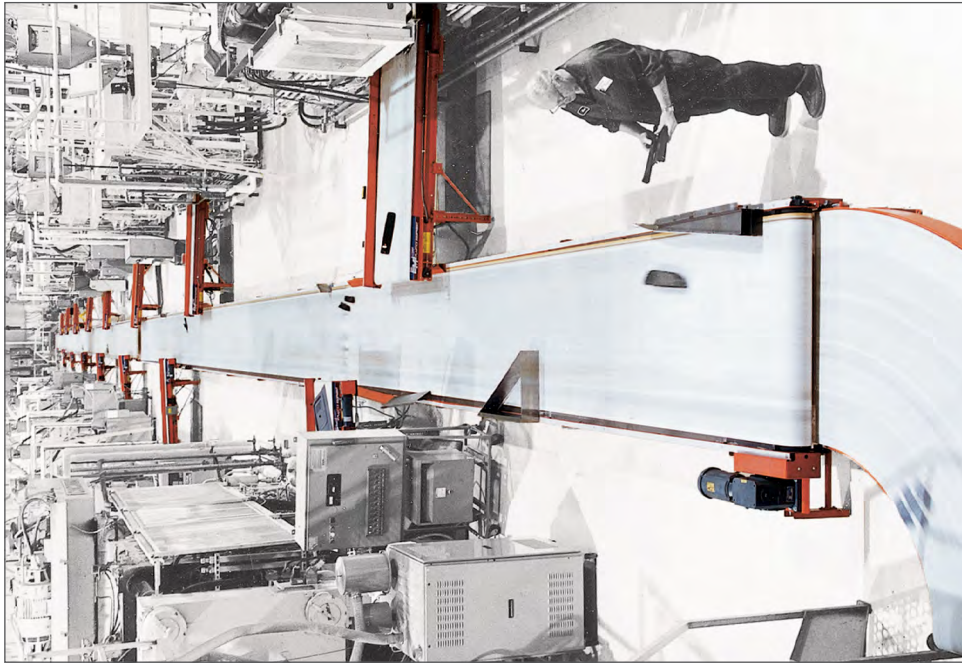
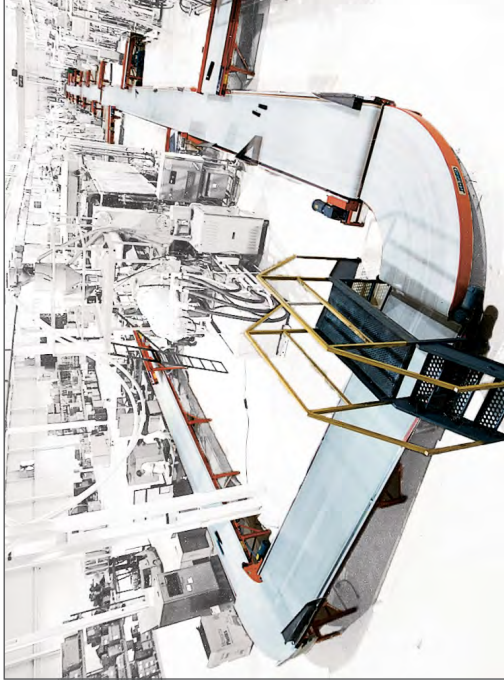
RMSC CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	LEG STAND
2	2	ARM SUPPORT
3	1	FRAME PIVOT ASS'Y
4	2	LOCKING COLLAR
5	1	DRIVE ASS'Y
6	2	TAIL ASS'Y
7	4	TAKE-UP BRACKET
8	2	DRIVE BEARING TAKE-UP ASS'Y
9	2	TAIL BEARING TAKE-UP ASSY
10	1	DRIVE PULLEY
11	1	TAIL PULLEY
12	1	MOTOR SUPPORT
13	1	LH TAP SIDERAIL
14	1	RH TOP SIDERAIL
15	1	RH BOTTOM SIDERAIL
16	1	LH BOTTOM SIDERAIL
17	1	PARTS TRAP
18	1	HOPPER ASS'Y
19	1	HOOD ASS'Y
20	1	PARTS DEFLECTOR
21	2	CHUTE BRACKET
22	1	CHUTE
23	1	BOTTOM SLIDE TRAY
24	1	BELT SUPPORT
25	1	MOTOR AND REDUCER
26	1	SPROCKET
27	1	SPROCKET
28	4	SUPPORT TUBES
29	1	CHAIN GUARD
30	1	CHAIN GUARD COVER
31	4	CASTOR
32	8	5/8-11 HEX NUT
33	48	3/8 WASHER

ITEM	QTY	PART DESCRIPTION
34	38	3/8-16 X1 HEX BOLT
35	62	3/8-16 HEX NUT
36	10	3/8-16x5 HEX BOLT
37	8	1/2 WASHER
38	8	1/2-13x3 HEX BOLT
39	8	1/2 LOCK WASHER
40	8	1/2-13 HEX NUT
41	6	3/8 LOCK WASHER
42	4	5/16-24x1 CARRIAGE BOLT
43	12	5/16 WASHER
44	4	5/16 LOCK WASHER
45	4	5/16-18 HEX NUT
46	21	1/4 WASHER
47	4	1/4-20x5/8 HEX BOLT
48	6	1/4-20 HEX NUT
49	8	1/4-20x5/8 HEX SOCKET BUTTON HEAD CAP SCREW
50	12	1/4 LOCK WASHER
51	12	1/4-20 HEX NUT
52	4	1/4-20x1 CARRIAGE BOLT
53	1	SWITCH
54	16	7/16-20x1 CARRIAGE BOLT
55	8	5/16-18x3/4 HEX BOLT
56	8	5/16-18 HEX NUT
57	2	1/4-20x1 HEX BOLT
58	8	3/8 WIDE WASHER
59	4	3/8-16x1-1/2 HEX BOLT
60	4	3/8-16 HEX NUT
61	3	1/4-20x1/2 SLOTTED ROUND HEAD CAP SCREW
62	1	1/4x2 SLOTTED SPRING PIN
63	1	THREADED ROD
64	3	5/8-11 HEX NUT
65	2	5/8 WIDE WASHER

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

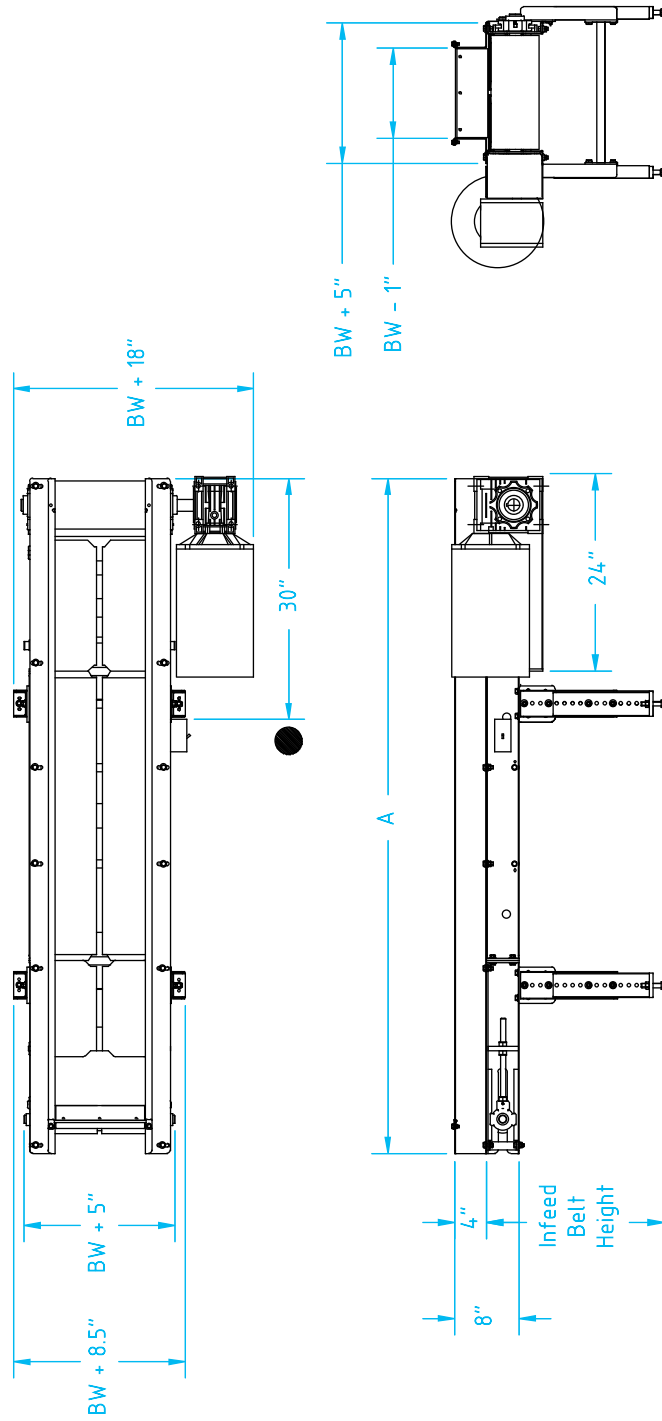
RMTL CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

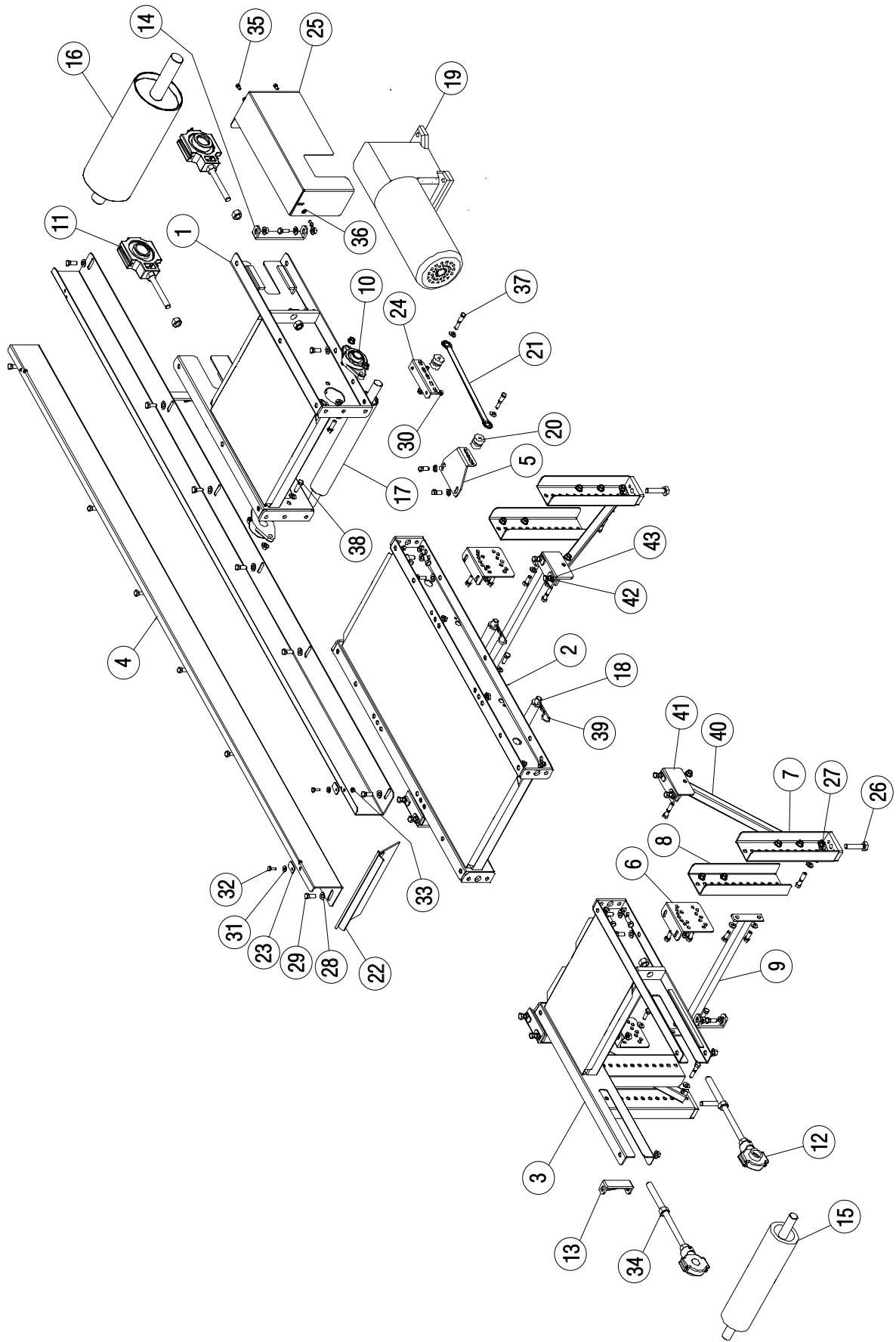
RMTL CONVEYOR - BASIC DIMENSIONS

- BW = Belt width.
- Standard starter position (specify if other location).
- NOTE: The "T" dimension thickness of frame section is 7" for 51' through 180' long conveyors, 9" for 181' through 250' long conveyors.



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

RM TL CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

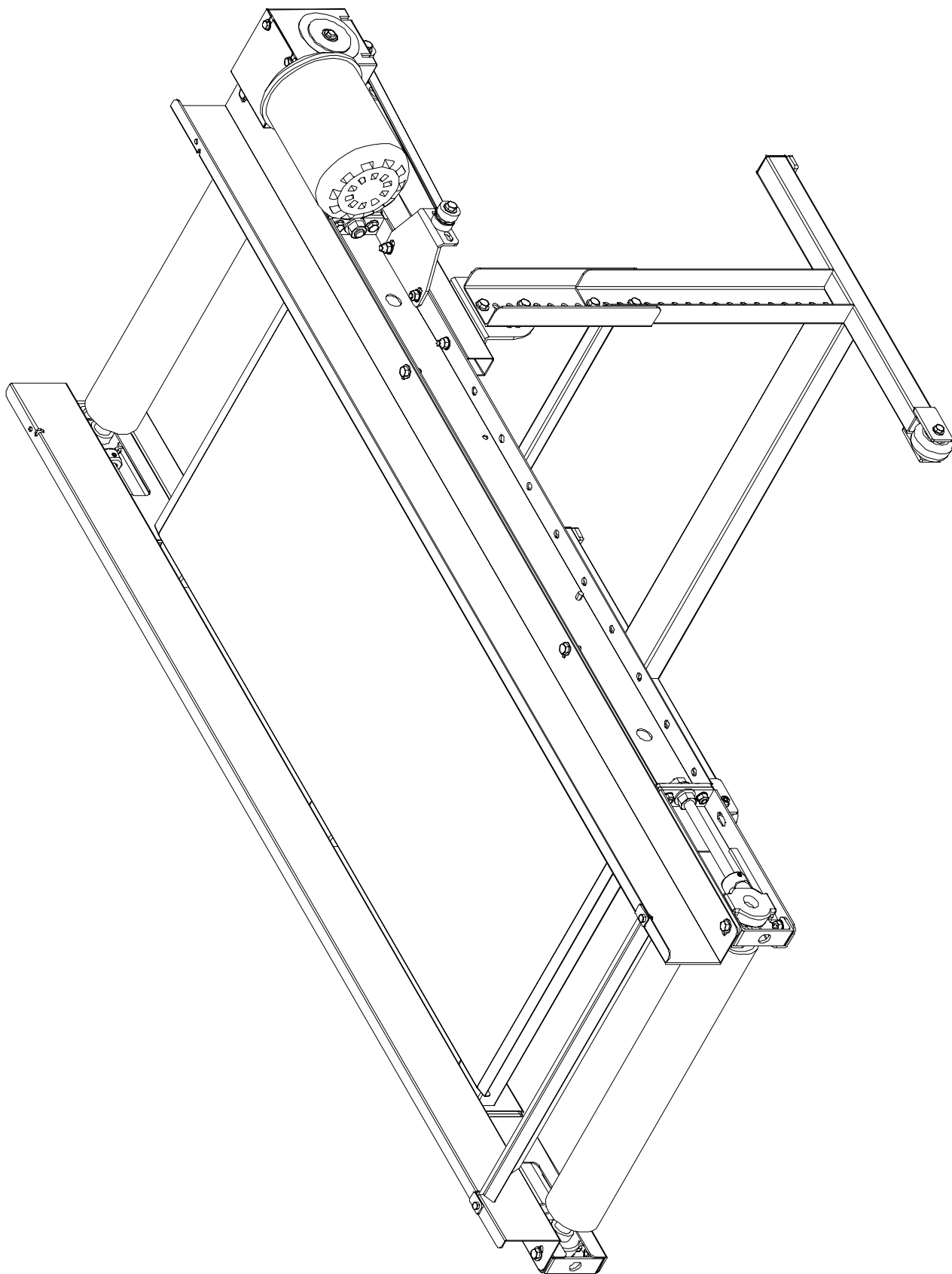
RMTL CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	TRUNK-LINE DRIVE HEAD
2	1	FRAME ASSY
3	1	TRUNK-LINE TAIL SECTION
4	2	SIDE RAIL
5	1	MOTOR & REDUCER SUPPORT
6	4	LEG MOUNTING BRACKET
7	4	LEG WELD ASSY
8	4	LEG EXTENSION
9	2	LEG BRACE ASSY
10	2	FLANGED BEARING
11	2	TAIL PULLEY TAKE-UP BEARING (DRIVE)
12	2	TRUNK-LINE DRIVE BEARING TAKE-UP (TAIL)
13	2	END BRACKET
14	2	TRUNK-LINE TAKE-UP BEARING
15	1	TAIL PULLEY ASSY
16	1	TRUNK-LINE DRIVE PULLEY
17	1	TRUNK-LINE IDLER ROLLER ASSY
18	2	IDLER ROLLER ASSY
19	1	MOTOR & REDUCER
20	1	SPROCKET
21	1	SPROCKET

ITEM	QTY	PART DESCRIPTION
22	1	FLAPPER ASSY
23	2	FLAPPER CLIP
24	1	CHAIN GUARD ASSY
25	1	CHAIN GUARD COVER
26	4	1/2-13 x 2 HEX BOLT
27	4	1/2-13 NUT
28	60	3/8 WASHER
29	52	3/8-24 x 1 HEX BOLT
30	60	3/8-24 NUT
31	6	1/4 WASHER
32	4	1/4-28 x 3/4 HEX BOLT
33	4	1/4-28 NUT
34	8	5/8-11 HEX NUT
35	3	1/4-20 x 3/4 SLOTTED ROUND HEAD CAP SCREW
36	1	1/4 WASHER
37	4	3/8-24 x 1-1/2 HEX BOLT
38	4	3/8-24 x 1-1/4 HEX BOLT
39	4	SPRING PIN
40	4	LEG BRACE
41	4	LEG BRACE SUPPORT
42	8	3/8-16 X 1 SQ HD CUP POINT SET SCREW
43	8	3/8-16 JAM NUT

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

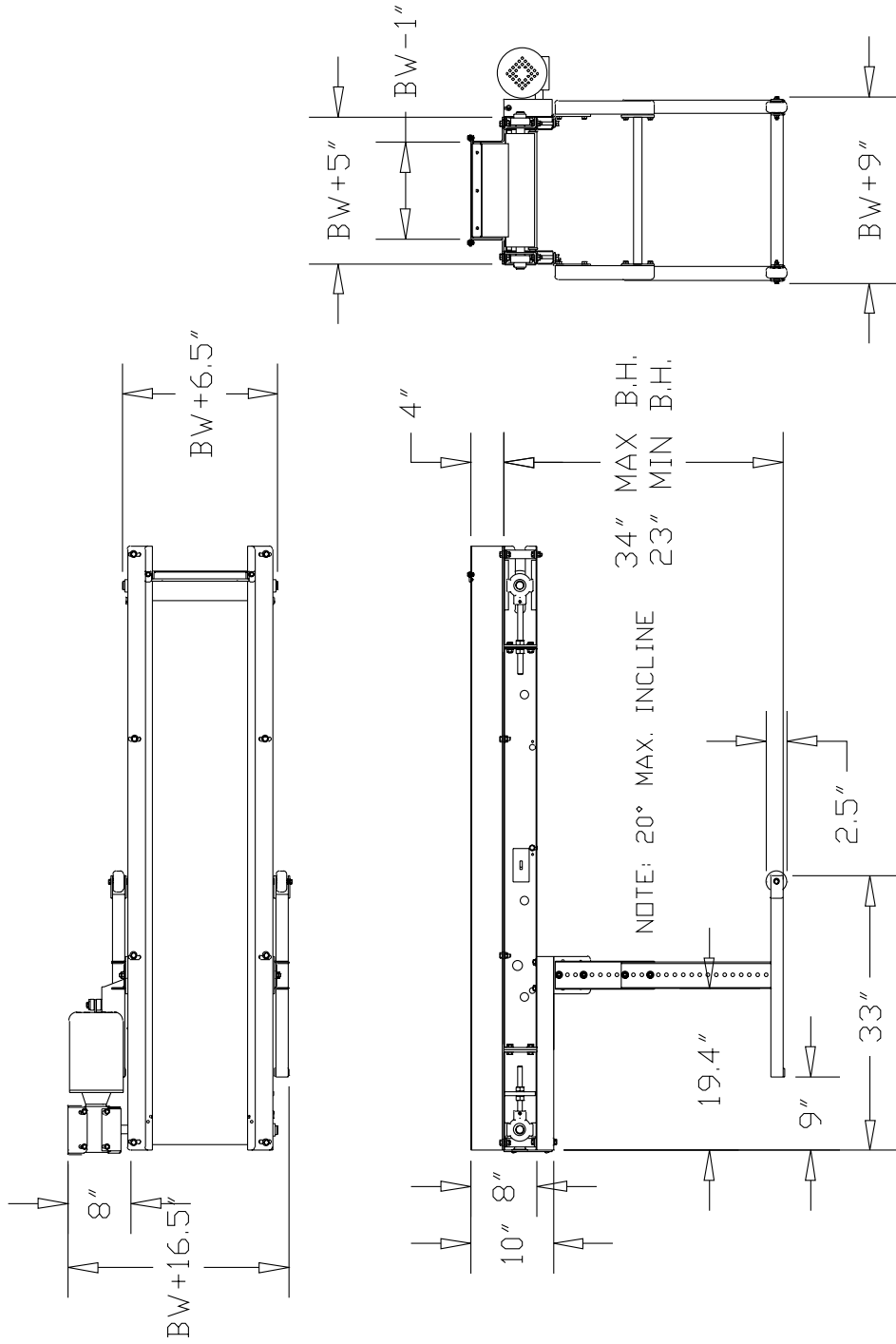
CLR CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

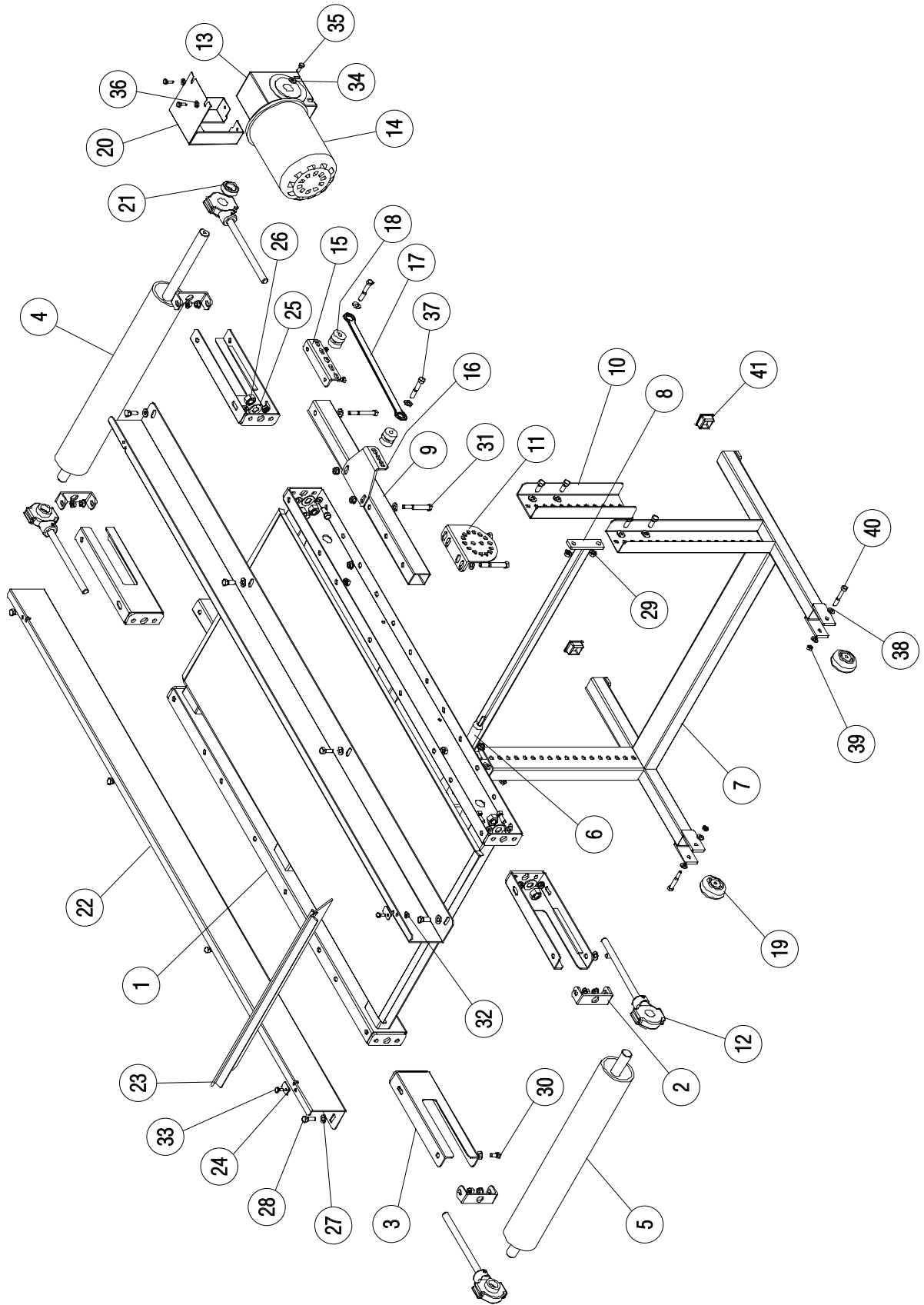
CLR CONVEYOR - BASIC DIMENSIONS

BW = Belt Width



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

CLR CONVEYOR - EXPLODED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

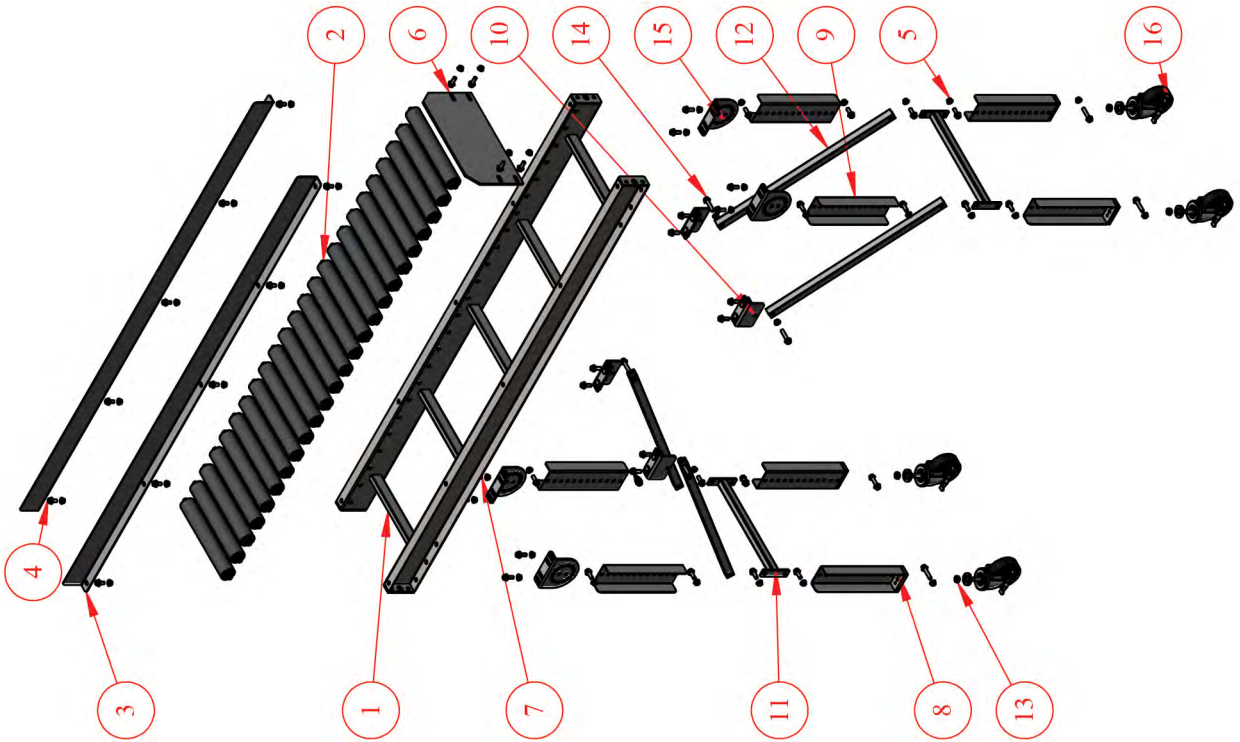
CLR CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	DRIVE HEAD ASS'Y
2	1	FRAME ASS'Y
3	2	TAIL ASS'Y
4	2	MOTOR MOUNT SPACER TUBE
5	2	LEG EXTENSION 12"
6	1	LEG STAND
7	2	LEG MOUNTING BRACKET
8	1	LEG BRACE ASS'Y
9	2	SIDE RAIL
10	1	FLAPPER ASS'Y
11	1	IDLER ROLLER ASS'Y
12	1	MOTOR AND REDUCER SUPPORT
13	1	CHAIN GUARD
14	1	CHAIN GUARD COVER
15	1	MOTOR AND REDUCER
16	1	SPROCKET
17	2	DRIVE PULLEY TAKE-UP BEARING
18	1	DRIVE PULLEY ASS'Y
19	1	SPROCKET
20	4	END BRACKET
21	8	5/8-11 HEX NUT

ITEM	QTY	PART DESCRIPTION
22	2	TAIL PULLEY TAKE-UP BEARING
23	1	TAIL PULLEY ASS'Y
24	40	3/8 WASHER
25	26	3/8-24 X 1 HEX BOLT
26	40	3/8-24 HEX NUT
27	10	3/8-24 X 2-3/4 HEX BOLT
28	7	1/4 WASHER
29	3	1/4-20x3/4 SLOTTED ROUND HEAD CAP SCREW
30	2	FLAPPER CLIP
31	4	1/4-28 HEX NUT
32	4	1/4-20x3/4 HEX BOLT
33	4	3/8-24 X 1-1/2 HEX BOLT
34	1	IDLER SHAFT
35	2	SPRING PIN
36	2	WHEEL
37	2	5/16-18 X 2-1/2 HEX HEAD BOLT
38	3	TINNERMAN
39	4	3/8 X 1-1/4 OD WASHER
40	4	5/16 FLAT WASHER
41	2	5/16-18 LOCK NUT
42	1	CHAIN (NOT SHOWN)

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

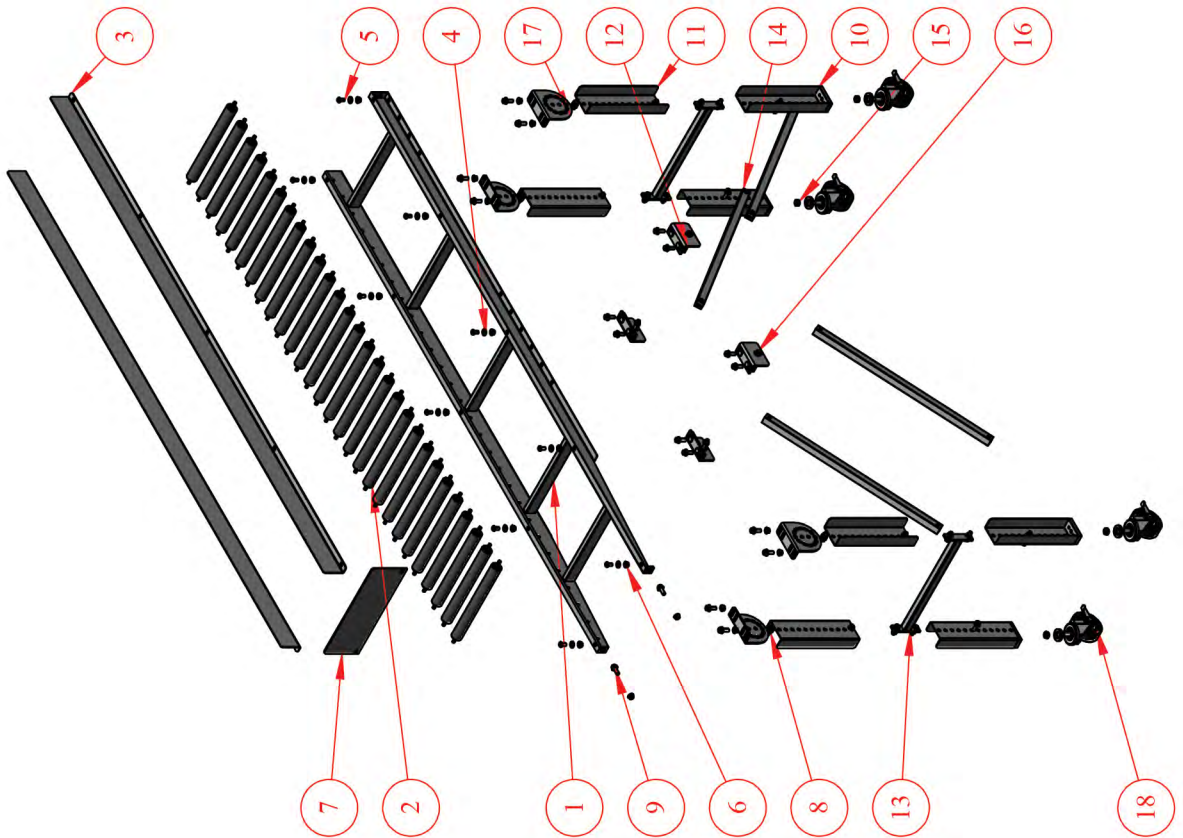
GR GRAVITY ROLLER CONVEYOR - EXPLODED VIEW & PARTS LIST



NO.	QTY	PART NO.	DESCRIPTION
1	1	6E-206-26-12	6' GRAVITY CONV.
2	24	CP-2343-G	R1916-13-A10-V03 GALVANIZE ROLLER NUMBER
3	2	6E-33-16	6' SIDE RAIL FOR GR
4	10	CP-2890	HEX SERRATED FLANGE SCREW 0.375-16x0.750" ZINC PLATED
5	47	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
6	1	6E-93-3-12	BOX STOP
7	36	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
8	4	2E-236-8	12" LEG WELD ASSY
9	4	2E-36-3	12" LEG EXTENSION
10	4	4E-241-2	LEG BRACE SUPPORT
11	2	3T-241-1-12	LEG BRACE WELD ASSY
12	4	4E-41-5	LEG TO FRAME BRACE
13	4	CP-508	HEX JAM NUT .500-13
14	8	CP-2940	HEX SERRATED FLANGE SCREW 0.375-16x1.750" ZINC PLATED
15	4	2M-14-16	LEG MOUNTING BRACKET
16	4	CP-1239	SWIVEL CASTER, 4"X1 3/8"

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

LPGR LOW-PROFILE GRAVITY ROLLER CONVEYOR - EXPLODED VIEW & PARTS LIST



NO.	QTY	PART NO.	DESCRIPTION
1	1	6E-206-39-12-7	LOW PROFILE GRAVITY CONV.
2	28	CP-3879	5/16 HEX GRAVITY ROLLER 13"BF
3	2	6E-33-26-7	3" RAIL FOR LOW PROFILE GRAVITY
4	10	CP-3342	FLAT WASHER .375
5	10	CP-3293	HEX SOCKET BUTTON HEAD SCREW .375-16 x .750
6	10	CP-3299	3/8-16 SERRATED FLANGE
7	1	6E-93-7-12	BOX STOP
8	34	CP-2869	SERRATED FLANGE NUT 0.375-16 ZINC PLATED
9	34	CP-2939	HEX SERRATED FLANGE SCREW 0.375-16x1.000" ZINC PLATED
10	4	2E-236-8	12" LEG WELD ASSY
11	4	2E-36-3	12" LEG EXTENSION
12	4	4E-241-2	LEG BRACE SUPPORT
13	2	3T-241-1-12	LEG BRACE WELD ASSY
14	4	4E-41-5	LEG TO FRAME BRACE
15	4	CP-508	HEX JAM NUT .500-13
16	8	CP-2940	HEX SERRATED FLANGE SCREW 0.375-16x1.750" ZINC PLATED
17	4	2M-14-16	LEG MOUNTING BRACKET
18	4	CP-1239	SWIVEL CASTER, 4"X1 3/8"

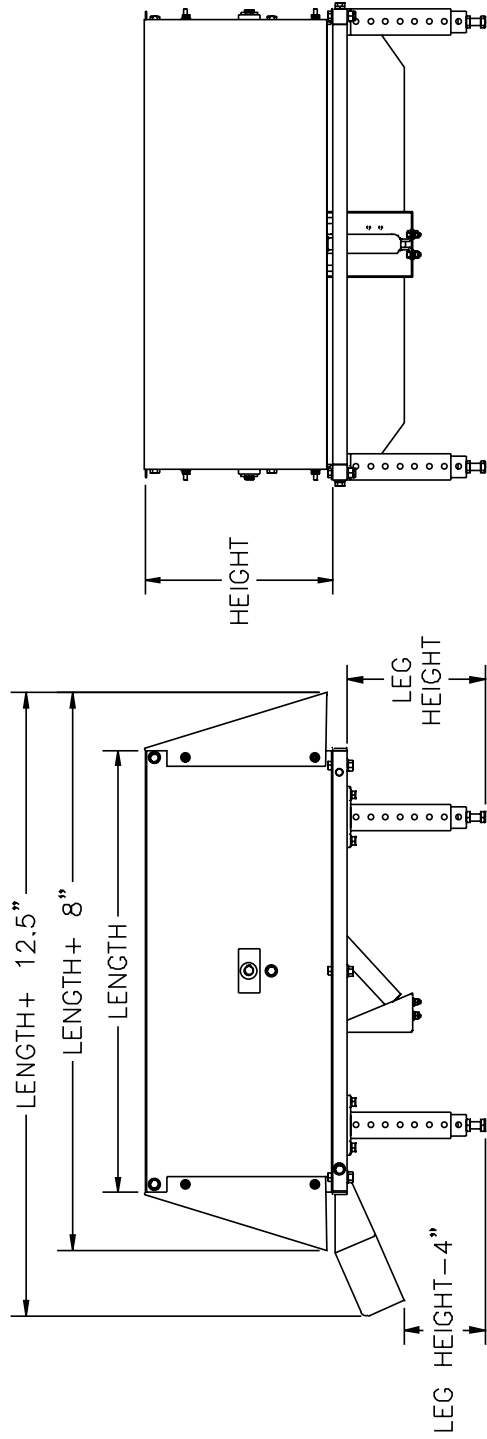
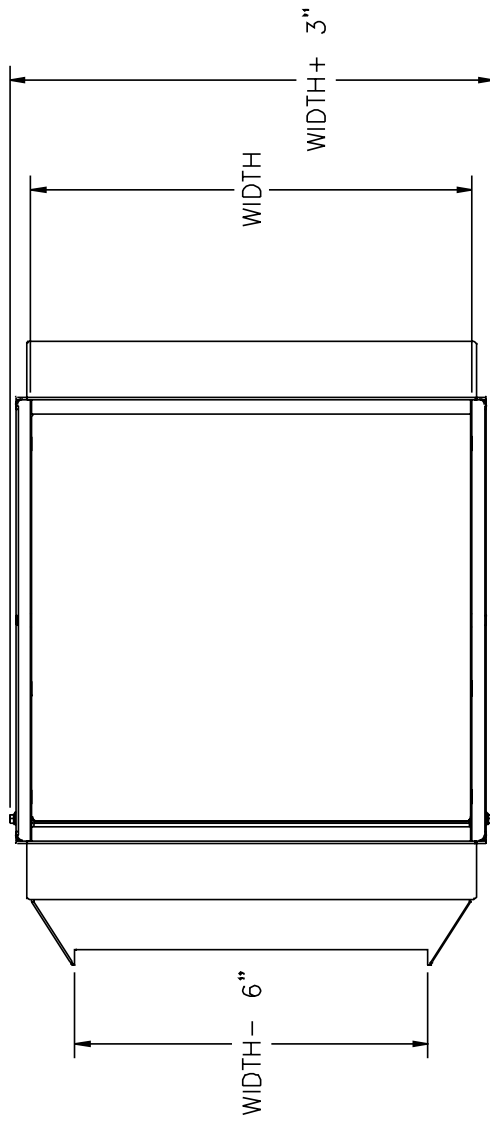
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

PART DIVERTER - ASSEMBLED VIEW



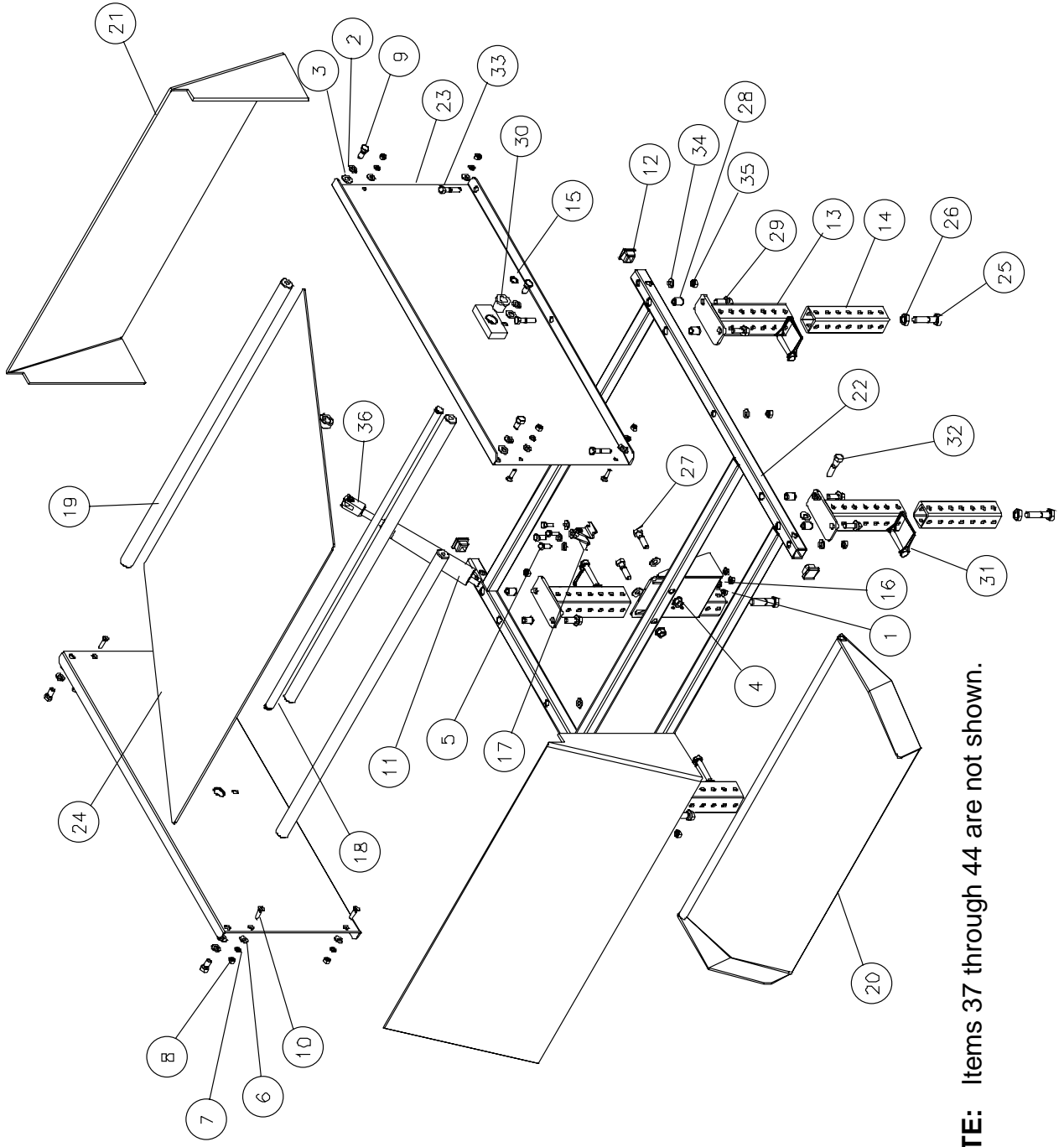
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

PART DIVERTER - BASIC DIMENSIONS



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

PART DIVERTER - EXPLODED VIEW



NOTE: Items 37 through 44 are not shown.

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

PART DIVERTER - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	4	1/4-28 FLANGE HEX NUT
2	8	3/8 LOCK WASHER
3	10	3/8 WASHER
4	2	3/8-24 FLANGE HEX NUT
5	4	1/4-28 x 3/4 HEX HEAD BOLT
6	12	1/4 WASHER
7	8	1/4 LOCK WASHER
8	8	1/4-20 HEX NUT
9	6	3/8-24 x 3/4 HEX HEAD BOLT
10	8	1/4-20 x 1 SLOTTED FLAT COUNTERSUNK SCREW
11	1	CYLINDER
12	4	1x1 BLACK END CAP
13	4	UPPER LEG WELD ASS'Y
14	4	LOWER LEG WELD ASS'Y
15	2	5/8 SNAP RING
16	1	CYLINDER MOUNTING BRACKET
17	1	PIVOT BRACKET
18	1	PIVOT SHAFT
19	3	SIDE RAIL CROSS SUPPORT
20	1	CHUTE WELD ASS'Y
21	2	LEXAN GUARD
22	1	SUB BASE

ITEM	QTY	PART DESCRIPTION
23	2	SIDE RAIL WELD ASS'Y
24	1	FLAPPER WELD ASS'Y
25	4	1/2-13 x 2 HEX HEAD BOLT
26	4	1/2-13 HEX JAM NUT
27	2	3/8-24 x 1-3/4 HEX HEAD BOLT
28	8	3/8-16 NUTSERT
29	8	3/8-16 x 3/4 HEX HEAD FLANGE BOLT
30	2	BUSHING
31	4	CLIP PIN
32	2	3/8-24 x 1-3/4 HEX HEAD BOLT
33	6	5/16-24 x 1-1/2 HEX HEAD BOLT
34	6	5/16 WASHER
35	6	5/16-24 NYLON INSERT LOCK NUT
36	1	CLEVIS
37	1	SOLENOID AC (NOT SHOWN)
38	1	SOLENOID DC (NOT SHOWN)
39	1	REGULATOR GAUGE (NOT SHOWN)
40	1	REGULATOR BRACKET (NOT SHOWN)
41	2	MUFFLER (NOT SHOWN)
42	1	1/4" CONNECTOR (NOT SHOWN)
43	2	ELBOW (NOT SHOWN)
44	2	MALE ELBOW (NOT SHOWN)

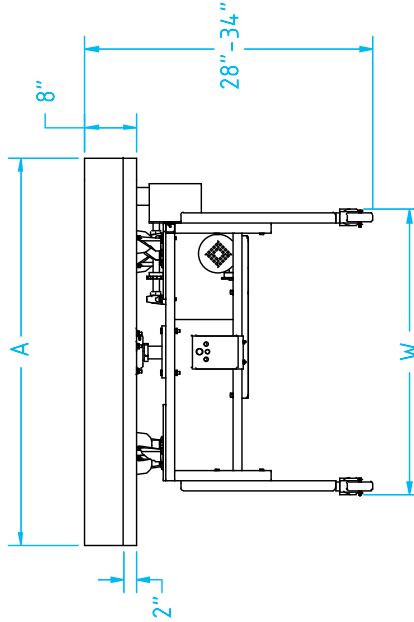
SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

TURN TABLE CONVEYOR - ASSEMBLED VIEW



SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

TURN TABLE CONVEYOR - BASIC DIMENSIONS



Model	"A" Dim.	"W" Dim.
TT-3	3'	24"
TT-4	4'	30"
TT-5	5'	40"
TT-6	6'	40"
TT-7.5	7½'	48"
TT-9	9'	60"

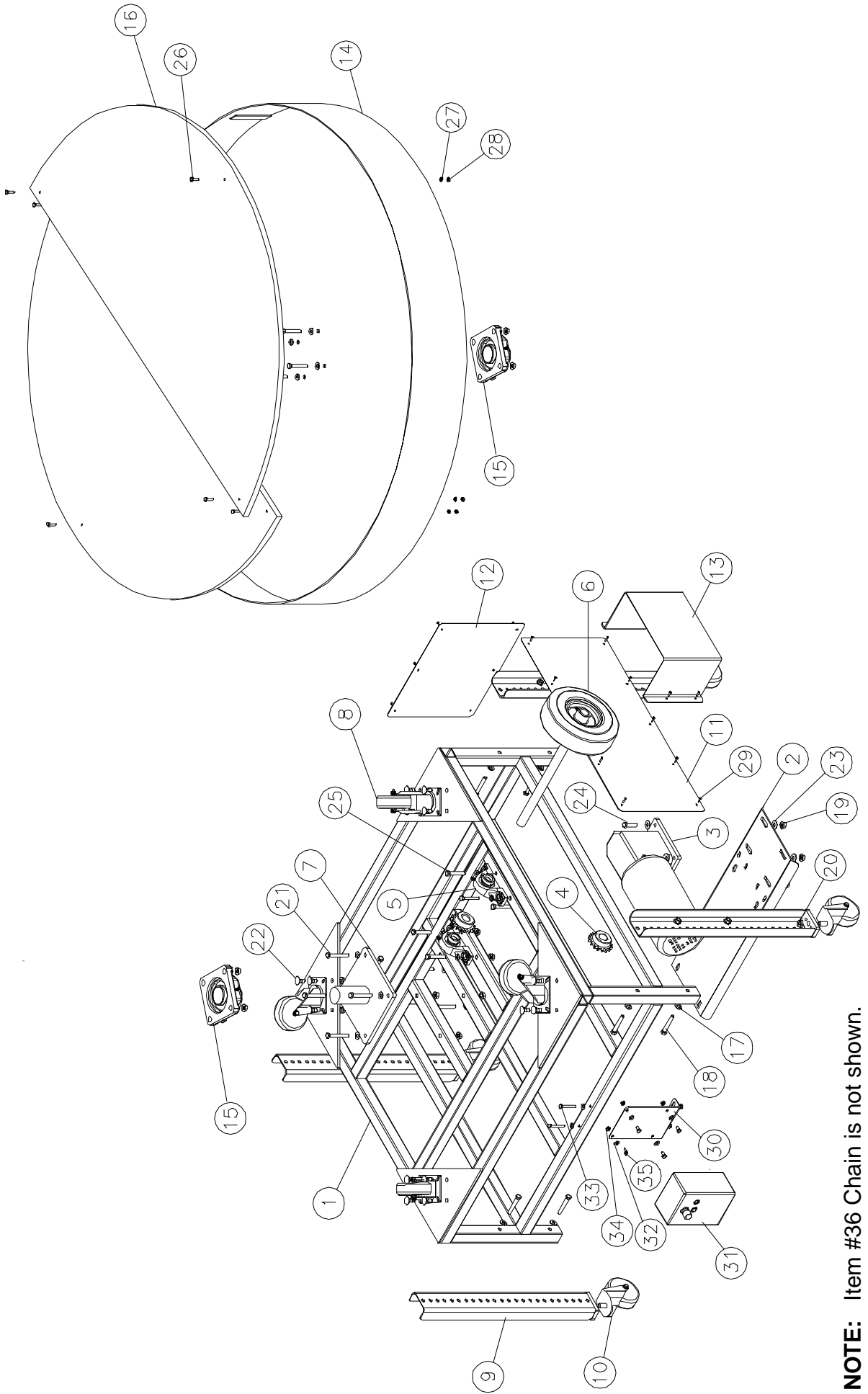
Turntable Revolutions
3' and 4' diameter = 6¾ Revolutions per minute.
5' and 6' diameter = 5 Revolutions per minute.
7½' diameter = 4½ Revolutions per minute.
9' diameter = 3 Revolutions per minute.

Note: Outside diameter of turntable travel rate (maximum).

EXAMPLE: 4' Diameter Turntable: 4' Diameter x 3.14 = 12.56 Foot Circumference.
12.56 Circumference x 6.75 Revolutions per minute = 84.78 Feet of Travel Per Minute.

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

TURN TABLE CONVEYOR - EXPLODED VIEW



NOTE: Item #36 Chain is not shown.

SECTION VIII. EXPLODED VIEWS WITH PARTS LISTS

TURN TABLE CONVEYOR - PARTS LIST

ITEM	QTY	PART DESCRIPTION
1	1	FRAME ASSY
2	1	MOTOR SUPPORT
3	1	MOTOR AND REDUCER
4	2	SPROCKET
5	2	PILLOW BLOCK BEARING
6	1	DRIVE SHAFT ASSY
7	1	CENTER SHAFT ASSY
8	4	CASTOR
9	4	LEG
10	4	CASTOR
11	1	SIDE COVER (4-5-6')
12	1	SIDE COVER (4-5-6')
13	1	WHEEL GUARD COVER
14	1	TABLE ASSY
15	1	FLANGE BEARING
16	2	PLYWOOD HALF CIRCLE
17	24	3/8 WASHER
18	16	3/8-24 X 2-1/2 HEX BOLT

ITEM	QTY	PART DESCRIPTION
19	20	3/8-24 HEX NUT
20	4	1/2-13 HEX JAM NUT
21	4	3/8-24x2-1/2 HEX BOLT
22	16	5/16-18 X 3/4 CARRIAGE BOLT
23	4	3/8 X 1-1/4 OD WASHER
24	4	3/8-24 X 1-1/2 HEX BOLT
25	4	3/8-24 X 2-1/2 HEX BOLT
26	6	1/4-28 X 1 HEX BOLT
27	6	1/4 LOCK WASHER
28	6	1/4-28 HEX NUT
29	20	8 X 1/2 SLTD PNHD SHEET METAL SCREW
30	1	CONTROL MOUNTING PLATE
31	1	KB CONTROL
32	6	1/4 WASHER
33	2	1/4-20 x 2 HEX BOLT
34	2	1/4-20 HEX NUT
35	4	1/4-28 X 3/4 HEX BOLT
36	1	CHAIN (NOT SHOWN)

IMPORTANT INFORMATION

Sales & Customer Service

216-535-4848 | Fax: 216-535-4823 | www.EMlcorp.com | Sales@EMlcorp.com

28300 Euclid Avenue | Wickliffe, Ohio 44092