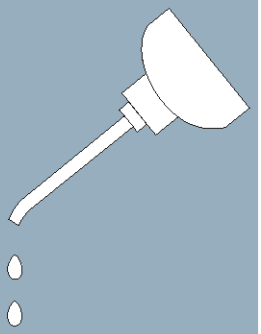
Published Manual Number/ECN: MMHCONVRAE/2018053A

- **Publishing System: TPAS2**
- **Access date: 01/30/2018**
- **Document ECNs: Latest**

Service & Mechanical Parts

Flatbed Conveyors



Read the separate safety manual before installing, operating, or servicing

PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063-0400, U.S.A.

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PELLERIN MILNOR CORPORATION
LIMITED STANDARD WARRANTY

We warrant to the original purchaser that MILNOR machines including electronic hardware/software (hereafter referred to as "equipment"), will be free from defects in material and workmanship for a period of one year from the date of shipment (unless the time period is specifically extended for certain parts pursuant to a specific MILNOR published extended warranty) from our factory with no operating hour limitation. This warranty is contingent upon the equipment being installed, operated and serviced as specified in the operating manual supplied with the equipment, and operated under normal conditions by competent operators.

Providing we receive written notification of a warranted defect within 30 days of its discovery, we will at our option repair or replace the defective part or parts, FOB our factory. We retain the right to require inspection of the parts claimed defective in our factory prior to repairing or replacing same. We will not be responsible, or in any way liable, for unauthorized repairs or service to our equipment, and this warranty shall be void if the equipment is tampered with, modified, or abused, used for purposes not intended in the design and construction of the machine, or is repaired or altered in any way without MILNOR's written consent.

Parts damaged by exposure to weather, to aggressive water, or to chemical attack are not covered by this warranty. For parts which require routine replacement due to normal wear such as gaskets, contact points, brake and clutch linings, belts, hoses, and similar parts the warranty time period is 90 days.

We reserve the right to make changes in the design and/or construction of our equipment (including purchased components) without obligation to change any equipment previously supplied.

ANY SALE OR FURNISHING OF ANY EQUIPMENT BY MILNOR IS MADE ONLY UPON THE EXPRESS UNDERSTANDING THAT MILNOR MAKES NO EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE OR PURPOSE OR ANY OTHER WARRANTY IMPLIED BY LAW INCLUDING BUT NOT LIMITED TO REDHIBITION. MILNOR WILL NOT BE RESPONSIBLE FOR ANY COSTS OR DAMAGES ACTUALLY INCURRED OR REQUIRED AS A RESULT OF: THE FAILURE OF ANY OTHER PERSON OR ENTITY TO PERFORM ITS RESPONSIBILITIES, FIRE OR OTHER HAZARD, ACCIDENT, IMPROPER STORAGE, MIS-USE, NEGLECT, POWER OR ENVIRONMENTAL CONTROL MALFUNCTIONS, DAMAGE FROM LIQUIDS, OR ANY OTHER CAUSE BEYOND THE NORMAL RANGE OF USE. REGARDLESS OF HOW CAUSED, IN NO EVENT SHALL MILNOR BE LIABLE FOR SPECIAL, INDIRECT, PUNITIVE, LIQUIDATED, OR CONSEQUENTIAL COSTS OR DAMAGES, OR ANY COSTS OR DAMAGES WHATSOEVER WHICH EXCEED THE PRICE PAID TO MILNOR FOR THE EQUIPMENT IT SELLS OR FURNISHES.

THE PROVISIONS ON THIS PAGE REPRESENT THE ONLY WARRANTY FROM MILNOR AND NO OTHER WARRANTY OR CONDITIONS, STATUTORY OR OTHERWISE, SHALL BE IMPLIED.

WE NEITHER ASSUME, NOR AUTHORIZE ANY EMPLOYEE OR OTHER PERSON TO ASSUME FOR US, ANY OTHER RESPONSIBILITY AND/OR LIABILITY IN CONNECTION WITH THE SALE OR FURNISHING OF OUR EQUIPMENT TO ANY BUYER.

BIUUUD19 (Published) Book specs- Dates: 20081231 / 20081231 / 20081231 Lang: ENG01 Applic: UUU

How to Get the Necessary Repair Components

This document uses Simplified Technical English.
Learn more at http://www.asd-ste100.org.

You can get components to repair your machine from the approved supplier where you got this machine. Your supplier will usually have the necessary components in stock. You can also get components from the Milnor® factory.

Tell the supplier the machine model and serial number and this data for each necessary component:

- The component number from this manual
- The component name if known
- The necessary quantity
- The necessary transportation requirements
- If the component is an electrical component, give the schematic number if known.
- If the component is a motor or an electrical control, give the nameplate data from the used component.

To write to the Milnor factory:

Pellerin Milnor Corporation
Post Office Box 400
Kenner, LA 70063-0400
UNITED STATES

Telephone: 504-467-2787
Fax: 504-469-9777
Email: parts@milnor.com

— End of BIUUUD19 —

Trademarks

BNUUUU02.R01 0000158093 A.2 7/13/17 1:11 PM Released

These words are trademarks of Pellerin Milnor Corporation and other entities:

Table 1 Trademarks

AutoSpot™	GreenTurn™	Milnor®	PulseFlow®
CBW®	GreenFlex™	MilMetrix®	PurePulse®
Drynet™	Hydro-cushion™	MilTouch™	Ram Command™
E-P Express®	Linear Costa Master™	MilTouch-EX™	RecircONE®
E-P OneTouch®	Linear Costo™	Miltrac™	RinSave®
E-P Plus®	Mentor®	MultiTrac™	SmoothCoil™
Gear Guardian®	Mildata®	PBW™	Staph Guard®

End of document: BNUUUU02

BIUUUS27 (Published) Book specs- Dates: 20051111 / 20051111 / 20060323 Lang: ENG01 Applic: VJU VIS VSS VAU

Safety—Stationary (non-Shuttling) Conveyors

1. General Safety Requirements—Vital Information for Management Personnel [Document BIUUUS04]

Incorrect installation, neglected preventive maintenance, abuse, and/or improper repairs, or changes to the machine can cause unsafe operation and personal injuries, such as multiple fractures, amputations, or death. The owner or his selected representative (owner/user) is responsible for understanding and ensuring the proper operation and maintenance of the machine. The owner/user must familiarize himself with the contents of all machine instruction manuals. The owner/user should direct any questions about these instructions to a Milnor® dealer or the Milnor® Service department.

Most regulatory authorities (including OSHA in the USA and CE in Europe) hold the owner/user ultimately responsible for maintaining a safe working environment. Therefore, the owner/user must do or ensure the following:

- recognize all foreseeable safety hazards within his facility and take actions to protect his personnel, equipment, and facility;
- work equipment is suitable, properly adapted, can be used without risks to health or safety, and is adequately maintained;
- where specific hazards are likely to be involved, access to the equipment is restricted to those employees given the task of using it;
- only specifically designated workers carry out repairs, modifications, maintenance, or servicing;
- information, instruction, and training is provided;
- workers and/or their representatives are consulted.

Work equipment must comply with the requirements listed below. The owner/user must verify that installation and maintenance of equipment is performed in such a way as to support these requirements:

- control devices must be visible, identifiable, and marked; be located outside dangerous zones; and not give rise to a hazard due to unintentional operation;
- control systems must be safe and breakdown/damage must not result in danger;
- work equipment is to be stabilized;
- protection against rupture or disintegration of work equipment;
- guarding, to prevent access to danger zones or to stop movements of dangerous parts before the danger zones are reached. Guards to be robust; not give rise to any additional hazards; not be easily removed or rendered inoperative; situated at a sufficient distance from the danger zone; not restrict view of operating cycle; allow fitting, replacing, or maintenance by restricting access to relevant area and without removal of guard/protection device;
- suitable lighting for working and maintenance areas;
- maintenance to be possible when work equipment is shut down. If not possible, then protection measures to be carried out outside danger zones;
- work equipment must be appropriate for preventing the risk of fire or overheating; discharges of gas, dust, liquid, vapor, other substances; explosion of the equipment or substances in it.

1.1. **Laundry Facility**—Provide a supporting floor that is strong and rigid enough to support–with a reasonable safety factor and without undue or objectionable deflection–the weight of the fully loaded machine and the forces transmitted by it during operation. Provide sufficient clearance for machine movement. Provide any safety guards, fences, restraints, devices, and verbal and/or posted restrictions necessary to prevent personnel, machines, or other moving machinery from accessing the machine or its path. Provide adequate ventilation to carry away heat and vapors. Ensure service connections to installed machines meet local and national safety standards, especially regarding the electrical disconnect (see the National Electric Code). Prominently post safety information, including signs showing the source of electrical disconnect.

1.2. **Personnel**—Inform personnel about hazard avoidance and the importance of care and common sense. Provide personnel with the safety and operating instructions that apply to them. Verify that personnel use proper safety and operating procedures. Verify that personnel understand and abide by the warnings on the machine and precautions in the instruction manuals.

1.3. **Safety Devices**—Ensure that no one eliminates or disables any safety device on the machine or in the facility. Do not allow machine to be used with any missing guard, cover, panel or door. Service any failing or malfunctioning device before operating the machine.

1.4. **Hazard Information**—Important information on hazards is provided on the machine safety placards, in the Safety Guide, and throughout the other machine manuals. **Placards must be kept clean so that the information is not obscured. They must be replaced immediately if lost or damaged. The Safety Guide and other machine manuals must be available at all times to the appropriate personnel.** See the machine service manual for safety placard part numbers. Contact the Milnor Parts department for replacement placards or manuals.

1.5. **Maintenance**—Ensure the machine is inspected and serviced in accordance with the norms of good practice and with the preventive maintenance schedule. Replace belts, pulleys, brake shoes/disks, clutch plates/tires, rollers, seals, alignment guides, etc. before they are severely worn. Immediately investigate any evidence of impending failure and make needed repairs (e.g., cylinder, shell, or frame cracks; drive components such as motors, gear boxes, bearings, etc., whining, grinding, smoking, or becoming abnormally hot; bending or cracking of cylinder, shell, frame, etc.; leaking seals, hoses, valves, etc.) Do not permit service or maintenance by unqualified personnel.

2. Safety Alert Messages—Internal Electrical and Mechanical Hazards [Document BIUUUS11]

The following are instructions about hazards inside the machine and in electrical enclosures.

WARNING 1: Electrocution and Electrical Burn Hazards—Contact with electric power can kill or seriously injure you. Electric power is present inside the cabinetry unless the main machine power disconnect is off.

- Do not unlock or open electric box doors.
- Do not remove guards, covers, or panels.
- Do not reach into the machine housing or frame.
- Keep yourself and others off of machine.
- Know the location of the main machine disconnect and use it in an emergency to remove all electric power from the machine.

WARNING 2: Entangle and Crush Hazards—Contact with moving components normally isolated by guards, covers, and panels, can entangle and crush your limbs. These components move automatically.

- Do not remove guards, covers, or panels.
- Do not reach into the machine housing or frame.
- Keep yourself and others off of machine.
- Know the location of all emergency stop switches, pull cords, and/or kick plates and use them in an emergency to stop machine motion.

3. Safety Alert Messages—External Mechanical Hazards [Document BIUUUS12]

The following are instructions about hazards around the front, sides, rear or top of the machine.

WARNING 3: Fall, Entangle, and Strike Hazards—Machine motion can cause you to fall or become entangled in or struck by nearby objects if you stand, walk, or ride on the machine. Shuttles and conveyor belts move automatically.

- Keep yourself and others off of machine.

4. Safety Alert Messages—Unsafe Conditions [Document BIUUUS14]

4.1. Damage and Malfunction Hazards

4.1.1. Hazards Resulting from Inoperative Safety Devices

WARNING 4: Multiple Hazards—Operating the machine with an inoperative safety device can kill or injure personnel, damage or destroy the machine, damage property, and/or void the warranty.

- Do not tamper with or disable any safety device or operate the machine with a malfunctioning safety device. Request authorized service.

WARNING 5: Electrocution and Electrical Burn Hazards—Electric box doors—Operating the machine with any electric box door unlocked can expose high voltage conductors inside the box.

- Do not unlock or open electric box doors.

WARNING 6: Entangle and Crush Hazards—Guards, covers, and panels—Operating the machine with any guard, cover, or panel removed exposes moving components.

- Do not remove guards, covers, or panels.

4.1.2. Hazards Resulting from Damaged Mechanical Devices

WARNING 7: Multiple Hazards—Operating a damaged machine can kill or injure personnel, further damage or destroy the machine, damage property, and/or void the warranty.

- Do not operate a damaged or malfunctioning machine. Request authorized service.

4.2. Careless Use Hazards

4.2.1. Careless Operation Hazards—Vital Information for Operator Personnel (see also operator hazards throughout manual)

WARNING 8: Multiple Hazards—Careless operator actions can kill or injure personnel, damage or destroy the machine, damage property, and/or void the warranty.

- Do not tamper with or disable any safety device or operate the machine with a malfunctioning safety device. Request authorized service.
- Do not operate a damaged or malfunctioning machine. Request authorized service.
- Do not attempt unauthorized servicing, repairs, or modification.
- Do not use the machine in any manner contrary to the factory instructions.
- Use the machine only for its customary and intended purpose.
- Understand the consequences of operating manually.

CAUTION 9: Goods Damage and Wasted Resources—Entering incorrect cake data causes improper processing, routing, and accounting of batches.

- Understand the consequences of entering cake data.

4.2.2. Careless Servicing Hazards—Vital Information for Service Personnel (see also service hazards throughout manuals)

WARNING 10: Electrocution and Electrical Burn Hazards—Contact with electric power can kill or seriously injure you. Electric power is present inside the cabinetry unless the main machine power disconnect is off.

- Do not service the machine unless qualified and authorized. You must clearly understand the hazards and how to avoid them.
- Abide by the current OSHA lockout/tagout standard when lockout/tagout is called for in the service instructions. Outside the USA, abide by the OSHA standard in the absence of any other overriding standard.

WARNING 11: Entangle and Crush Hazards—Contact with moving components normally isolated by guards, covers, and panels, can entangle and crush your limbs. These components move automatically.

- Do not service the machine unless qualified and authorized. You must clearly understand the hazards and how to avoid them.
- Abide by the current OSHA lockout/tagout standard when lockout/tagout is called for in the service instructions. Outside the USA, abide by the OSHA standard in the absence of any other overriding standard.

— End of BIUUUS27 —

Glossary of Tag Illustrations—Conveyor

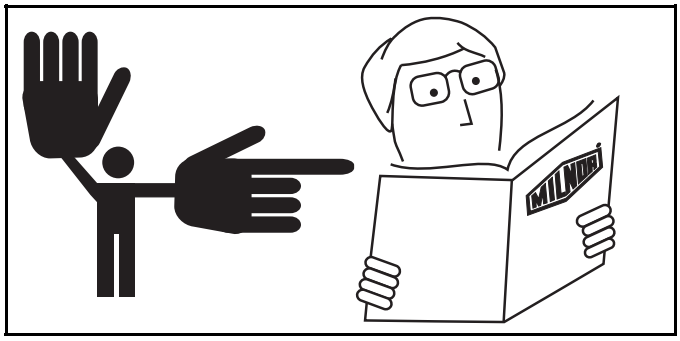
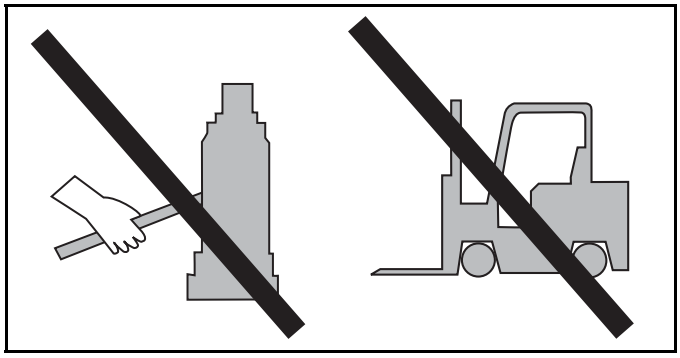
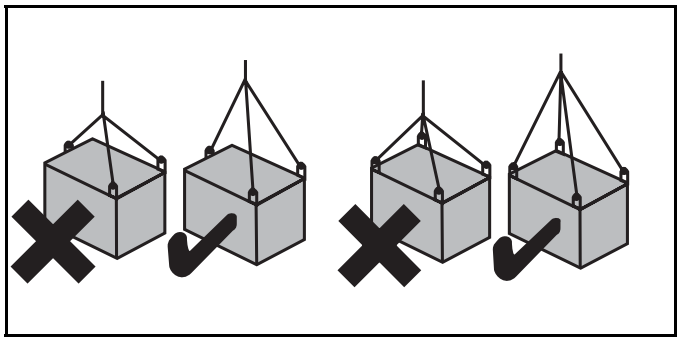
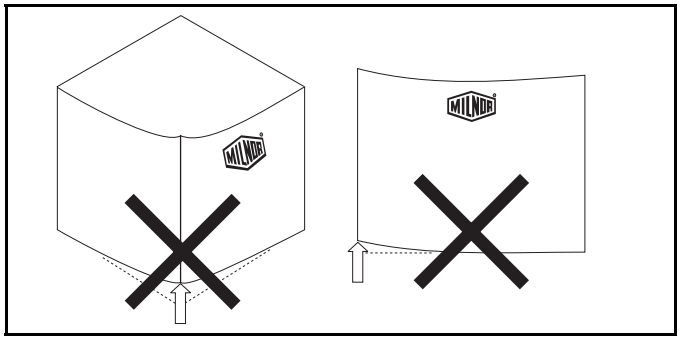
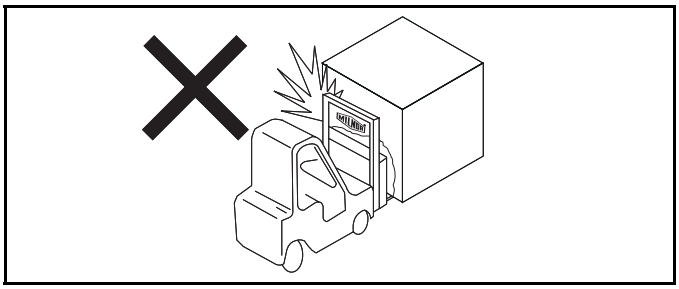
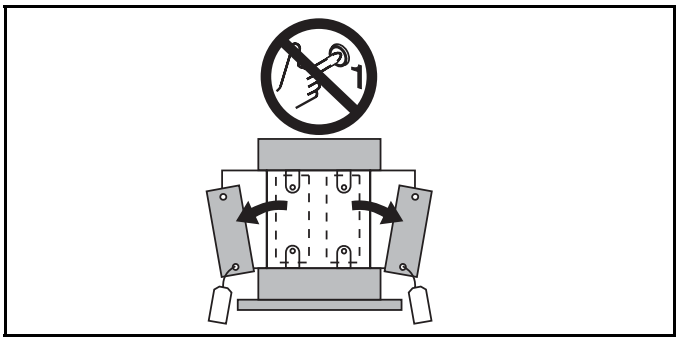
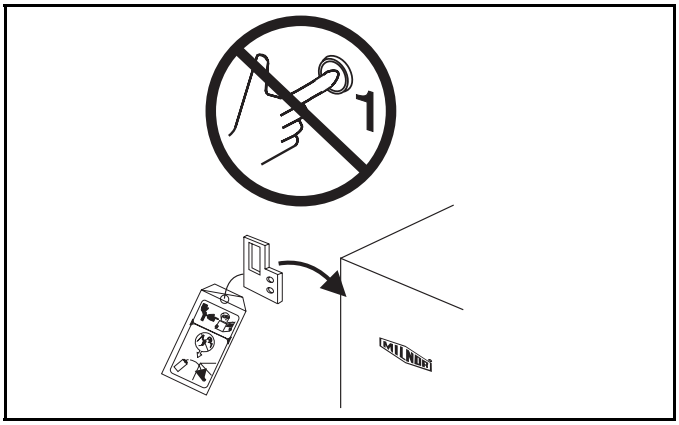
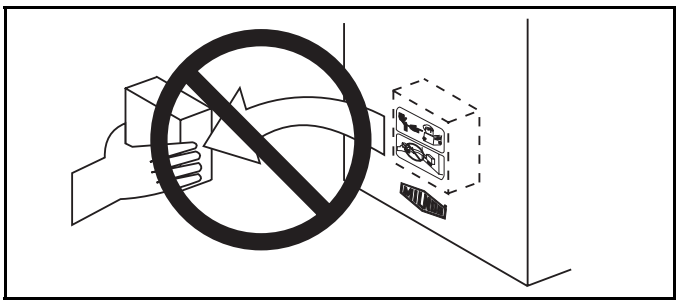
Illustration	Explanation
	Stop! Read the manual first for complete instructions before continuing.
	Do not jack the machine here. Do not lift the machine here.
	Use three point or four point lifting as determined by the lifting eyes furnished. Rig the load using lifting cables of sufficient size and length to ensure cables are not over-stressed.
	Do not lift the machine from one corner or one side edge.

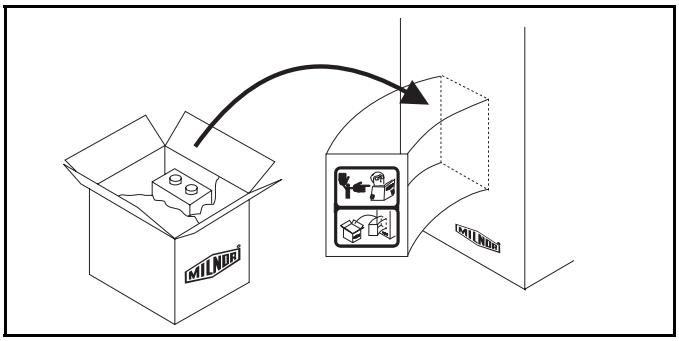
Illustration	Explanation
	Do not strike machine or components during fork lifting.
	Do not start this machine until the packing materials, lifting brackets, etc. with this tag attached or behind this panel are removed. These materials are painted red. Safety stands or brackets (also painted red) may be provided with this machine. Do not discard safety stands or brackets
	Do not step or stand on this machine part.
	This motor or pump should rotate in the direction of the arrow.



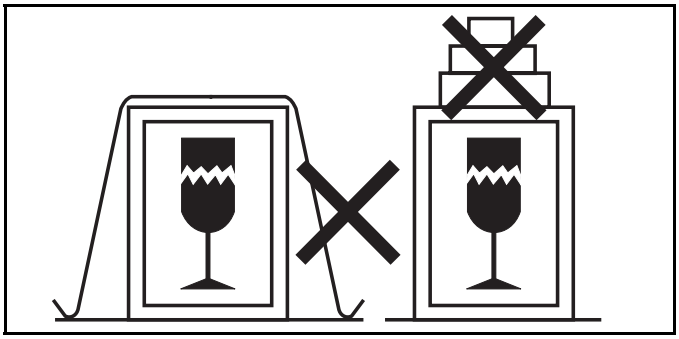
Do not start this machine until the part with this tag is installed on the machine.



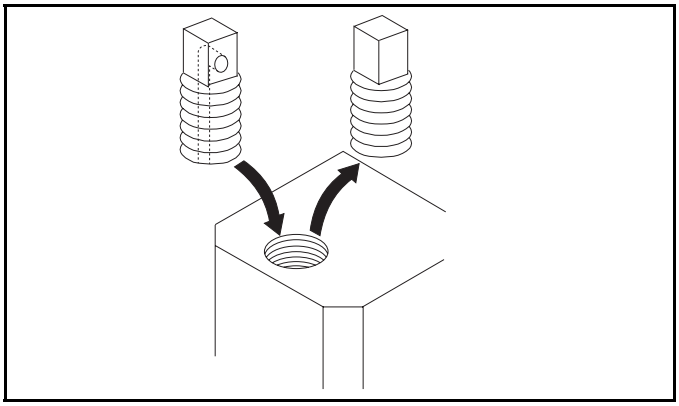
Do not remove this component from the machine.



Install the appropriate part here before operating the machine.



Do not strap or chain over box



Replace non-vented plug with vented plug on gear reducer before operating.

Safety Placard Use and Placement

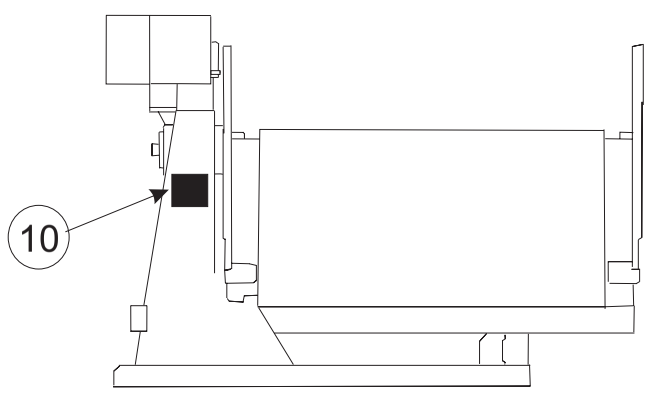
ALL PIVOTING CONVEYORS

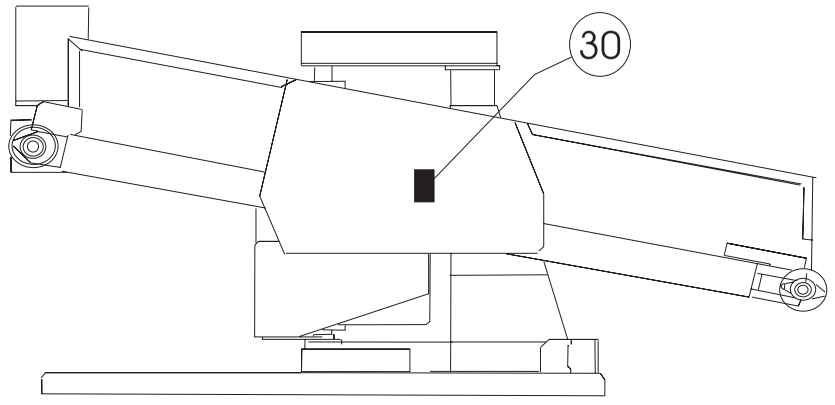
Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

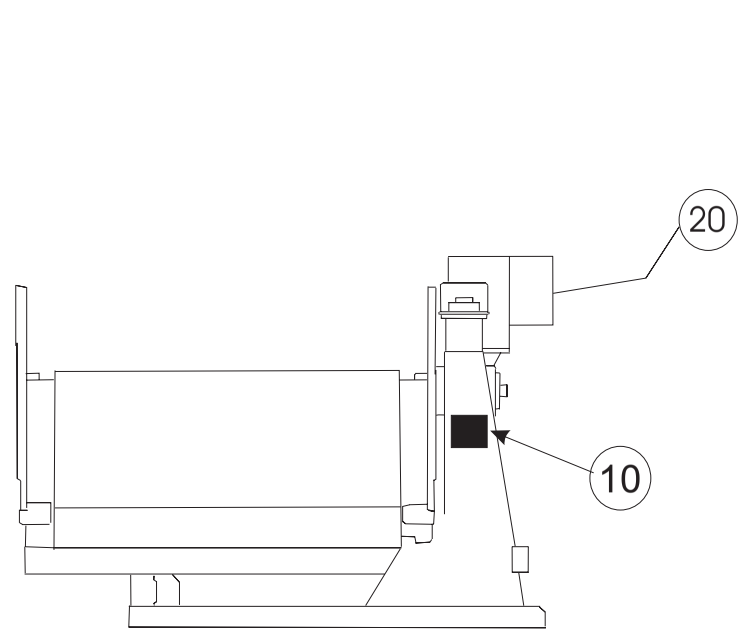
Litho in U.S.A.

Notes:

1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. Use #8 self-tapping screws.**







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Litho in U.S.A.

Parts List—Safety Placard Placement

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	10	01 10634A	NPLT:CONVEYOR HAZARDS-TCATA	
all	20	01 10375B	NPLT:ELEC HAZARD SMALL-TCATA	
all	30	01 10699A	NPLT:SERV HZRD-PLYEST-TCATA	

Safety Placard Use and Placement ISO

ALL PIVOTING CONVEYORS

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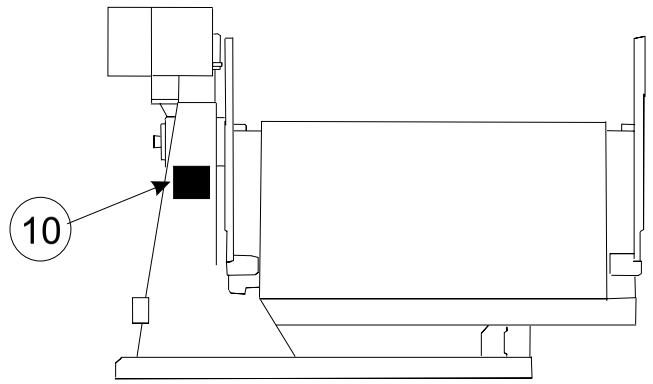
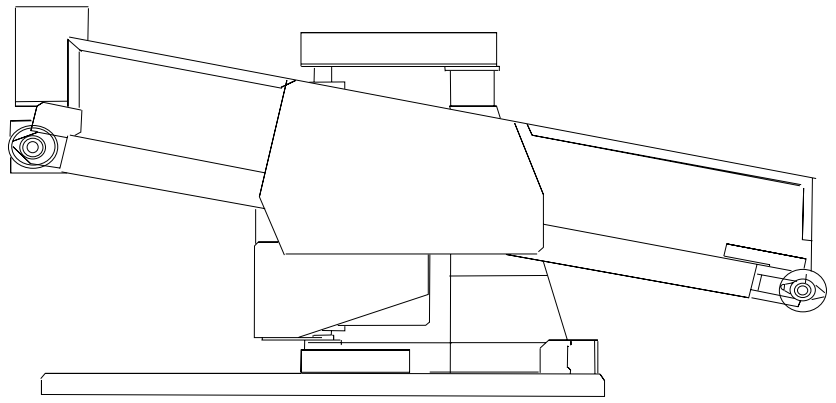
Litho in U.S.A.

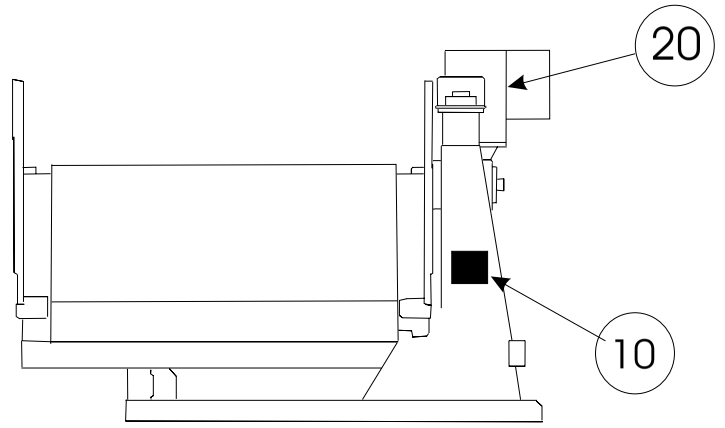
ISO Placard
shown on this page

Notes:

1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. Use #8 self-tapping screws.**







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Parts List—Safety Placard Placement

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	10	01 10634X	NPLT:WARN CONVEYORS -ISO	
all	20	01 10375	NPLTE:"WARNING" 2X2	

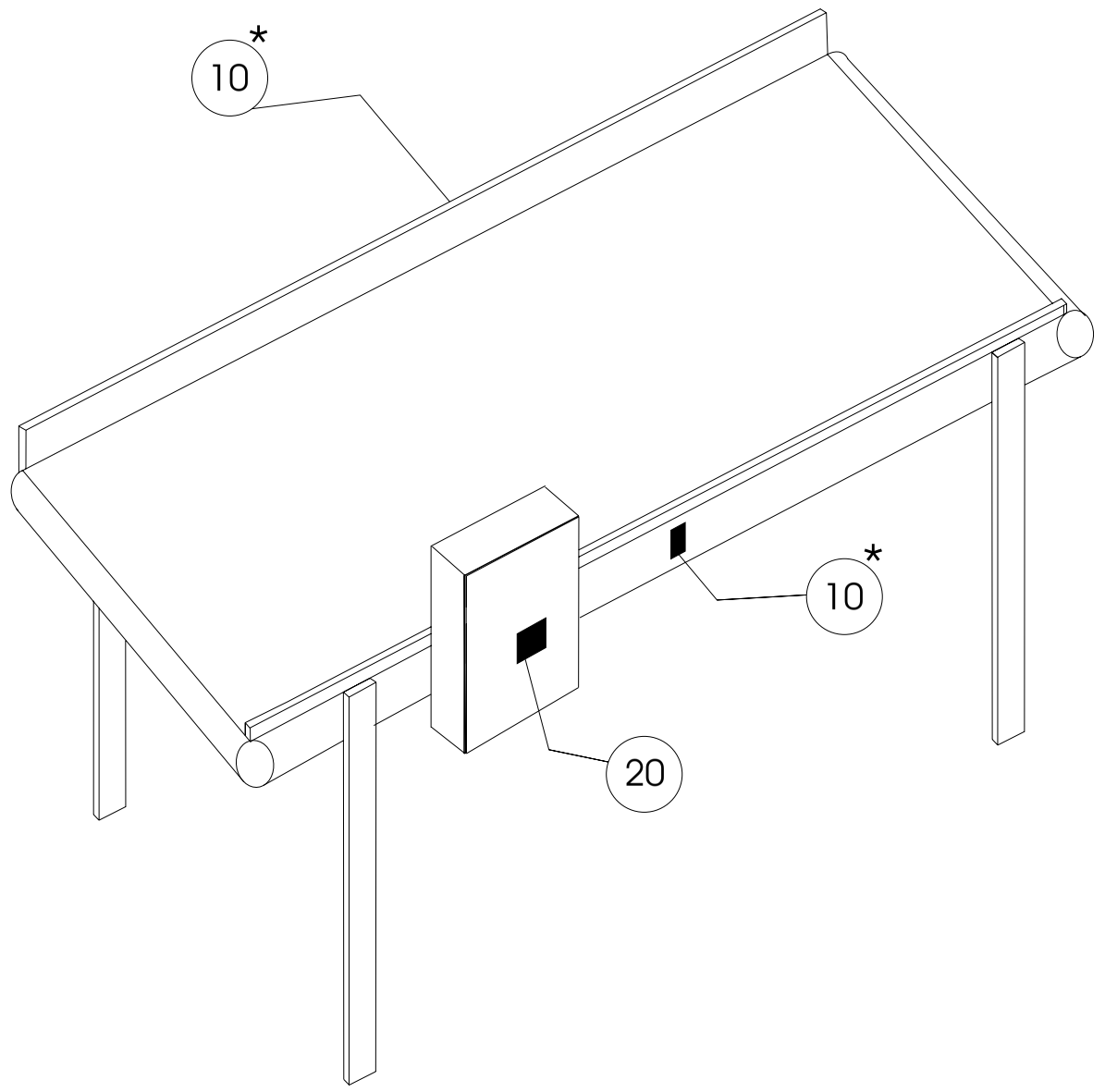
Safety Placard Use and Placement

ALL FIXED CONVEYORS

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Notes:
1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. Use #8 self-tapping screws.**



NOTES:
*THESE PLACARDS ARE TO BE REPEATED IF CONVEYOR IS OVER 20 FEET (6.096 METERS) LONG

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Litho in U.S.A.

Parts List—Safety Placard Placement

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
.				
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	10	01 10634A	NPLT:CONVEYOR HAZARDS-TCATA	
all	20	01 10375B	NPLT:ELEC HAZARD SMALL-TCATA	

Safety Placard Use and Placement ISO

ALL FIXED CONVEYORS

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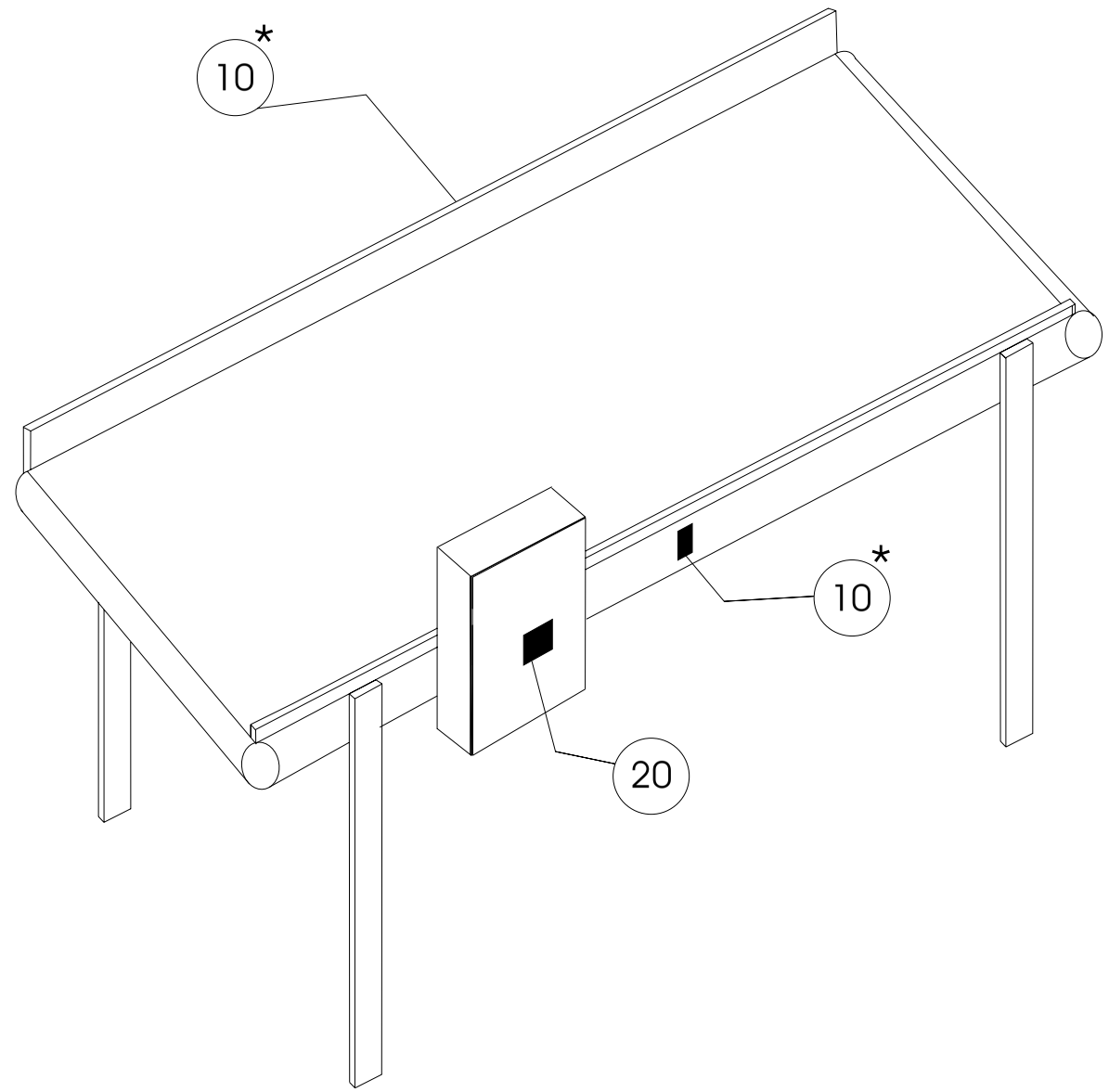
Litho in U.S.A.

ISO Placards
shown on this page

Notes:
1. **Replace placard immediately, if removed or unreadable.**
2. **Approximate locations of placards are shown. Mounting holes are provided on machine. Use #8 self-tapping screws.**



NOTES:
*THESE PLACARDS ARE TO BE REPEATED IF CONVEYOR IS OVER 20 FEET (6.096 METERS) LONG

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—Safety Placard Placement

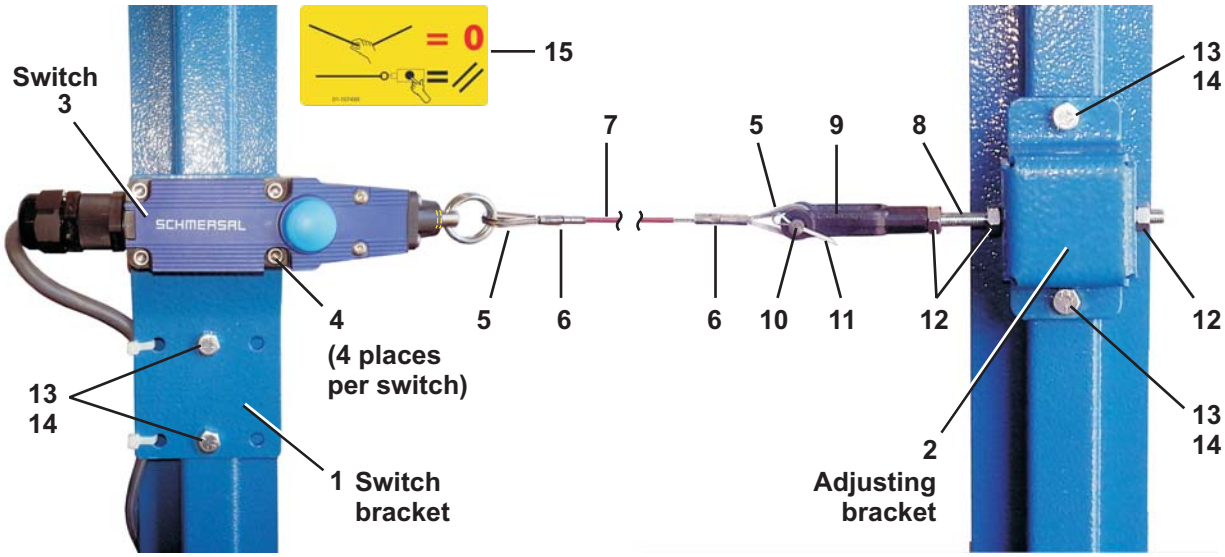
Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
.				
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	10	01 10634X	NPLT:WARN CONVEYORS -ISO	
all	20	01 10375	NPLTE:"WARNING" 2X2	

Pull-wire Stop Switch

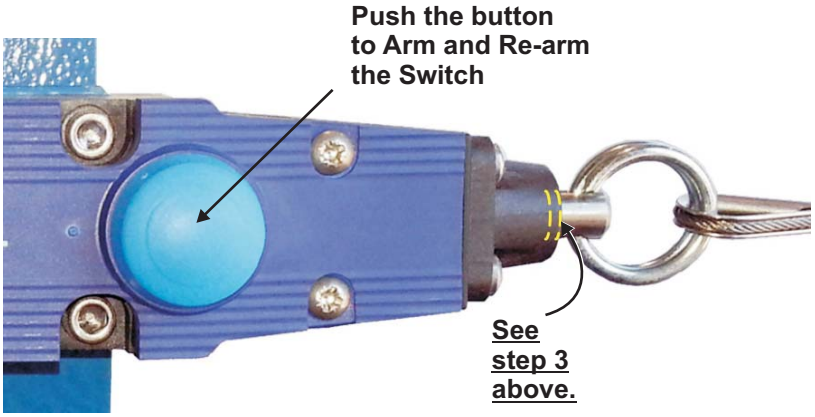
All Conveyors

Figure 1: Pull-wire Stop Switch Installation



Installation and operation:

1. Install the switch bracket, switch, and adjusting bracket to the conveyor side supports as shown. (Install pull-wire stop switch to both sides of all conveyors.)
For long spans, intermediate wire supports are required every 2 m to 5 m (6 ft to 16 ft). Sufficient space must be provided so that maximum perpendicular force on the wire to activate the switch is 200 N (45 pounds) and the maximum deflection of the wire is 400 mm (15”).
2. Assemble and install the cable (pull cord), thimbles, and sleeves so that the cable is tight but does not begin to move the switch shaft.
3. Adjust the position of the threaded rod (item 8) so that the cable pulls the switch shaft out until the first of two notches on the shaft is visible but the second notch is not.
4. Tighten the nuts on the threaded rod (item12) to hold it at this position.



5. Press the button on the switch to ARM. The button should remain depressed. If it does not, the switch shaft is not in the correct position.
6. Press the button to RE-ARM the switch after the wire has been tripped.

Pull-wire Stop Switch

All Conveyors

Parts List—Pull-wire Stop Switch

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
	A	ALC40005E	PULL-WIRE STOP SWITCH ASSY	
			----------COMPONENTS----------	
	1	04 20066	WIREPULL SWITCH BRACKET	CONVEYORS PLUS CONWA/CONLO
	1	04 24128	SAFETY SW MTG PLATE-4232M	EXTRACTOR CONVEYORS
all	2	04 20067	WIREPULL ADJUSTING BRKT	
all	3	09RS0002	PULL-WIRE SW SCHMERSAL#ZQ 700-11	
all	4	15K022B	SOKCPSCR 10-24UNC X 1+1/2"LG SS18	
all	5	27A951	1/16" SS WIRE ROPE THIMBLE	
all	6	27A952	1/16" OVAL SLEEVE S/S	
all	7	27A953	CABLE-AIRCRAFT 1/16SS7X7REDCV	
all	8	17R015	THRD ROD 1/4-28UNFX4.5" ZNC PL	
all	9	17A004	ADJ YOKE END 1/4-28 XYLAN COAT	
all	10	17A004A	CLEVIS PIN 1/4"X3/4"DRILLED SS	
all	11	15H031	STDCOTTERPIN 3/32X3/4 SS18-8	
all	12	15G177	HXNUT 1/4-28UNF2B SAE ZINC GR2	
all	13	15K038B	1/4-20X 1/2 HEXFLANGE SCREW	
all	14	15G178	1/4"-20 HEXFLANGE NUT ZINC	
all	15	01 10749X	NPLT:PULL TO STOP+RESET>ISO	

Service and Maintenance

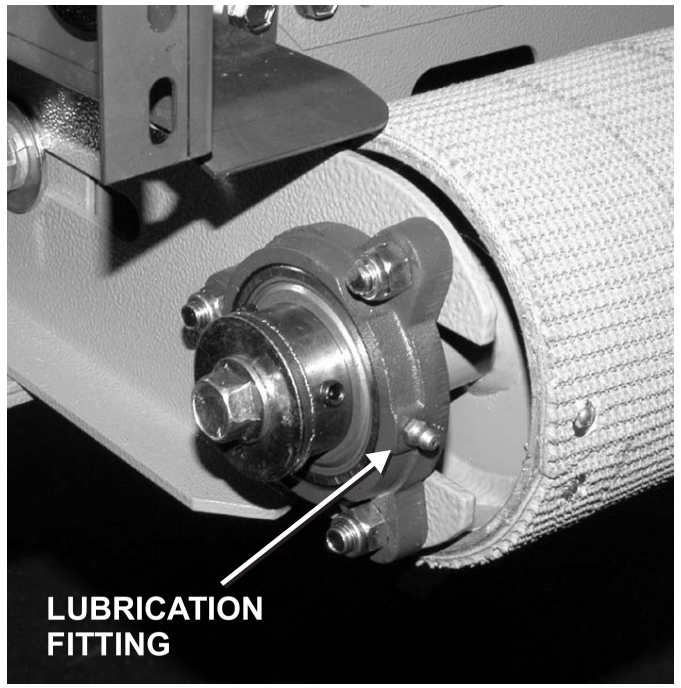
1

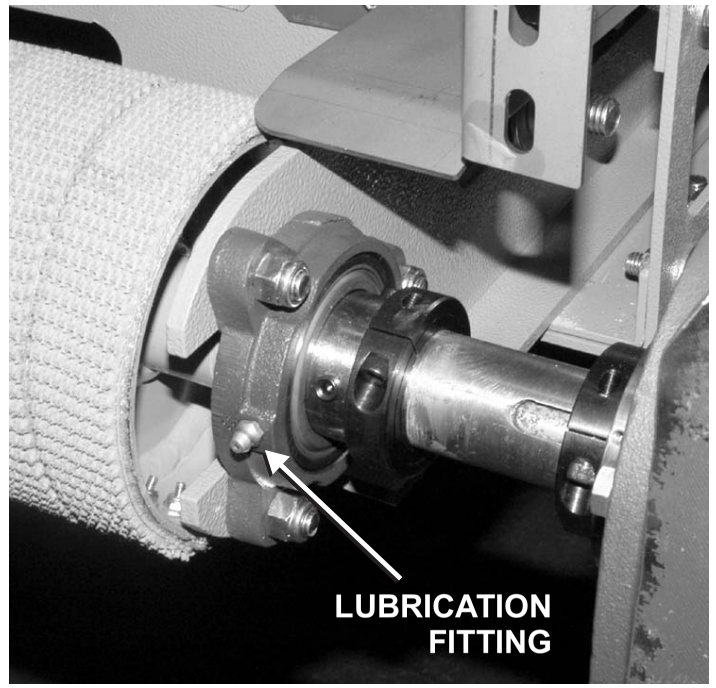
Conveyor Lubrication & Chain Adjustments

Flatbelt, Load Conveyors & Extractor Conveyors

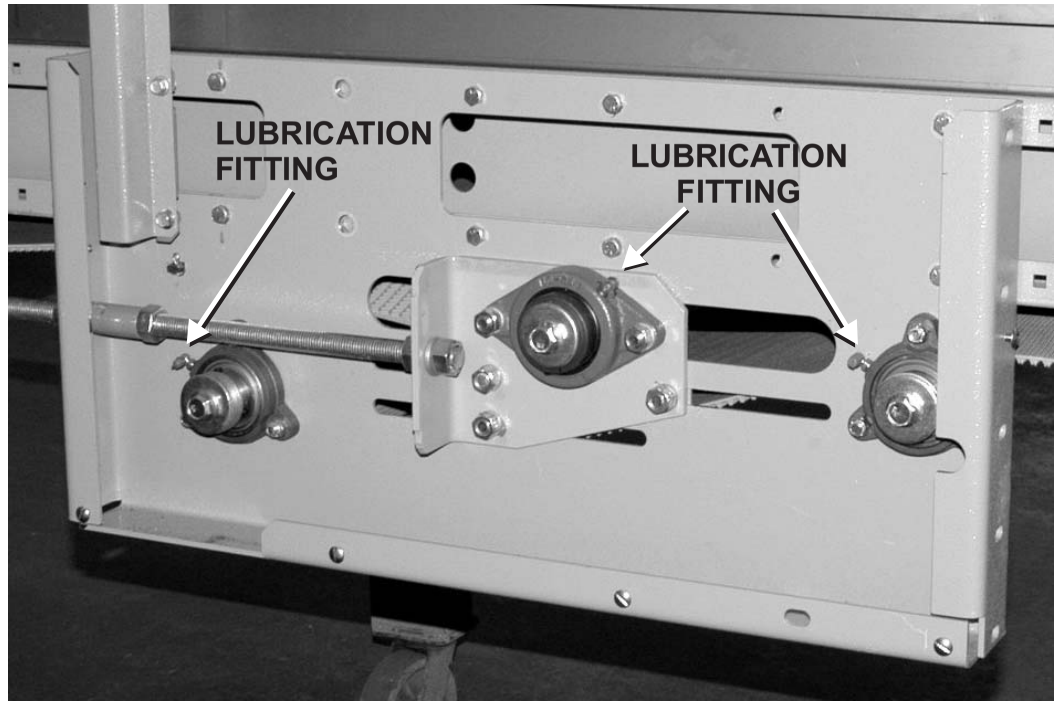
Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.





TYPICAL: FLATBELT CONVEYORS



TYPICAL: UNDERDRIVE

TYPICAL: LOAD CONVEYORS

<u>CONVEYOR LUBRICATION</u>:

Every three months, all CONVEYOR ROLLER BEARINGS should be lubricated with bearing lubricant, Shell Alvania EP2 Lithium Grease or equivalent, using a hand pressure grease gun. Lubrication fittings are located on the bearings when they are easily accessible or they are remotely located to a position on the conveyor bed frame, if the bearing cannot be reached easily.

Conveyor Lubrication & Chain Adjustments

Flatbelt, Load Conveyors & Extractor Conveyors

Pellerin Milnor Corporation
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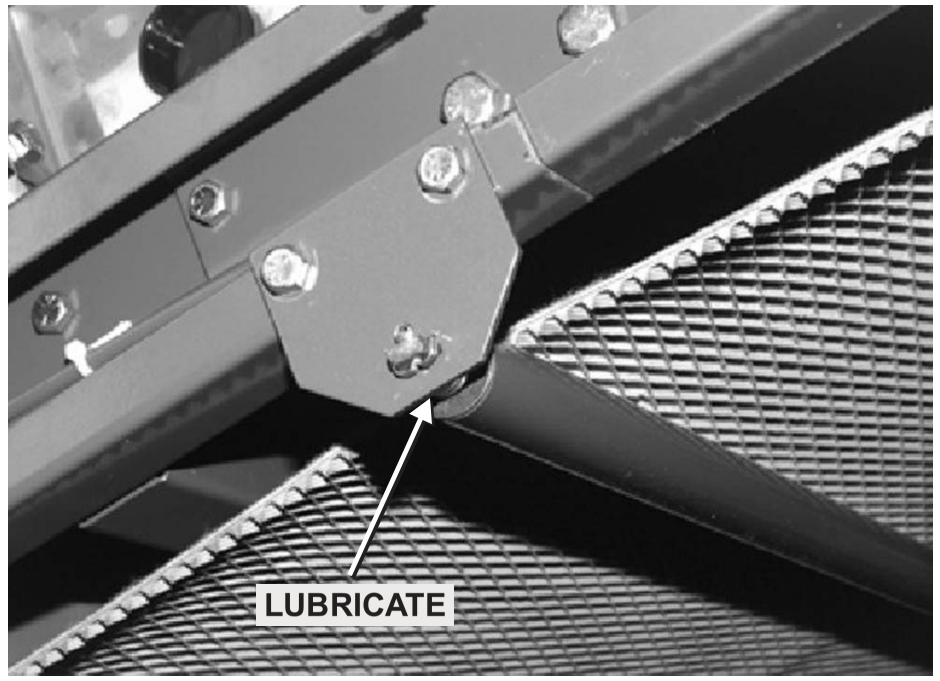
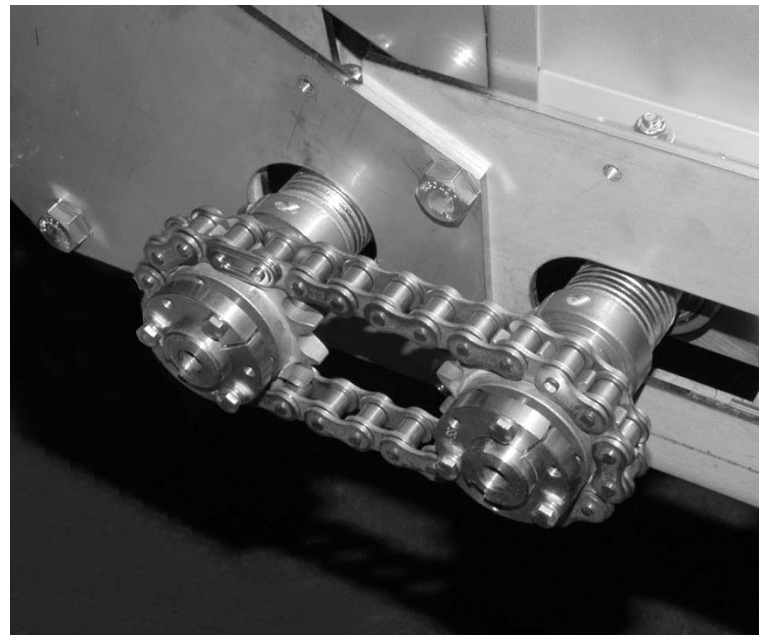
Litho in U.S.A.



TYPICAL: IDLER ROLLER

CHAIN LUBRICATION:

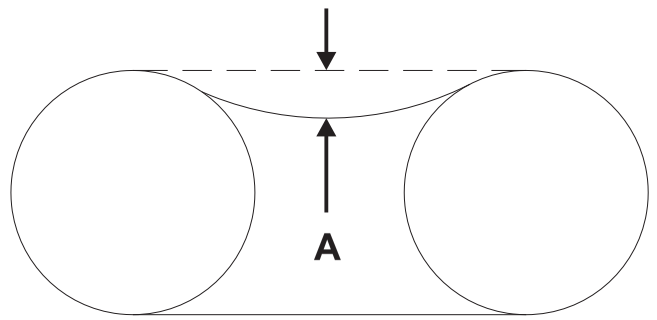
Every thirty days of operation, CHAIN DRIVES should be lubricated with bearing lubricant, Shell Alvania EP2 Lithium Grease or equivalent. Chain drives are covered by a safety cover and their lubrication fitting are remotely mounted where they are easily accessible.



CHAIN ADJUSTMENTS:

Every thirty days of operation, CHAIN DRIVES should be checked for proper adjustment.

A = 0 - .125” [0- 3mm] New Chain
A= .125” - .25” [3mm - 6mm] After 48 hours



Conveyor Adjustment Procedures

Flatbelt & Load Conveyors

Pellerin Milnor Corporation
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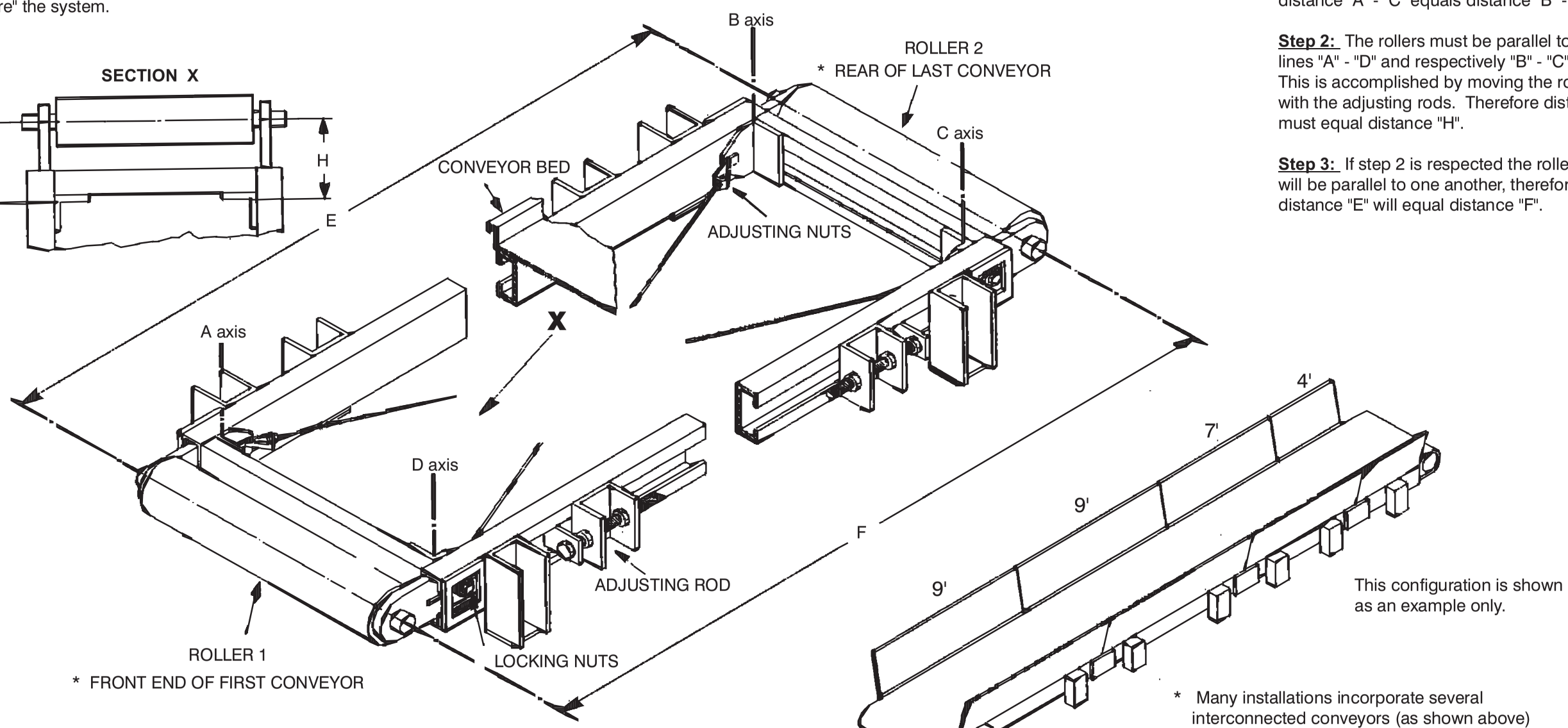
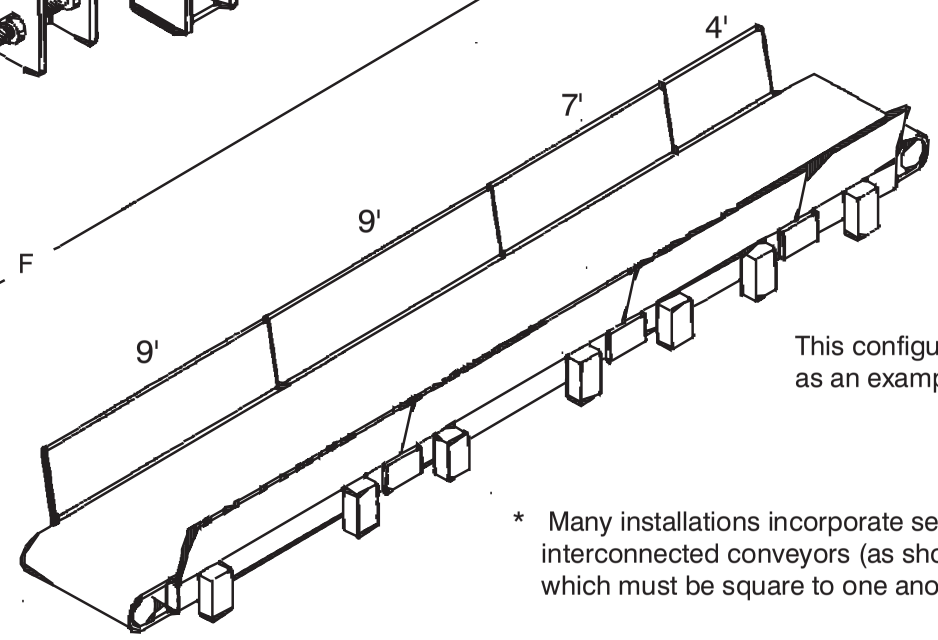
BMP820015/96322V (1 of 3)

Litho in U.S.A.

Comments:
To provide optimum durability of the conveyor belt, it is essential that the conveyor is properly "squared". These instructions define the procedures to "square" the system.





This configuration is shown as an example only.

Step 1: The conveyor frame must be "square". This is accomplished by adjusting the tie rods between points "A" - "C" and "B" - "D". The frame is "square" if and only if met: distance "A" - "C" equals distance "B" - "D".

Step 2: The rollers must be parallel to the lines "A" - "D" and respectively "B" - "C". This is accomplished by moving the rollers with the adjusting rods. Therefore distance "G" must equal distance "H".

Step 3: If step 2 is respected the rollers will be parallel to one another, therefore distance "E" will equal distance "F".

* Many installations incorporate several interconnected conveyors (as shown above) which must be square to one another.

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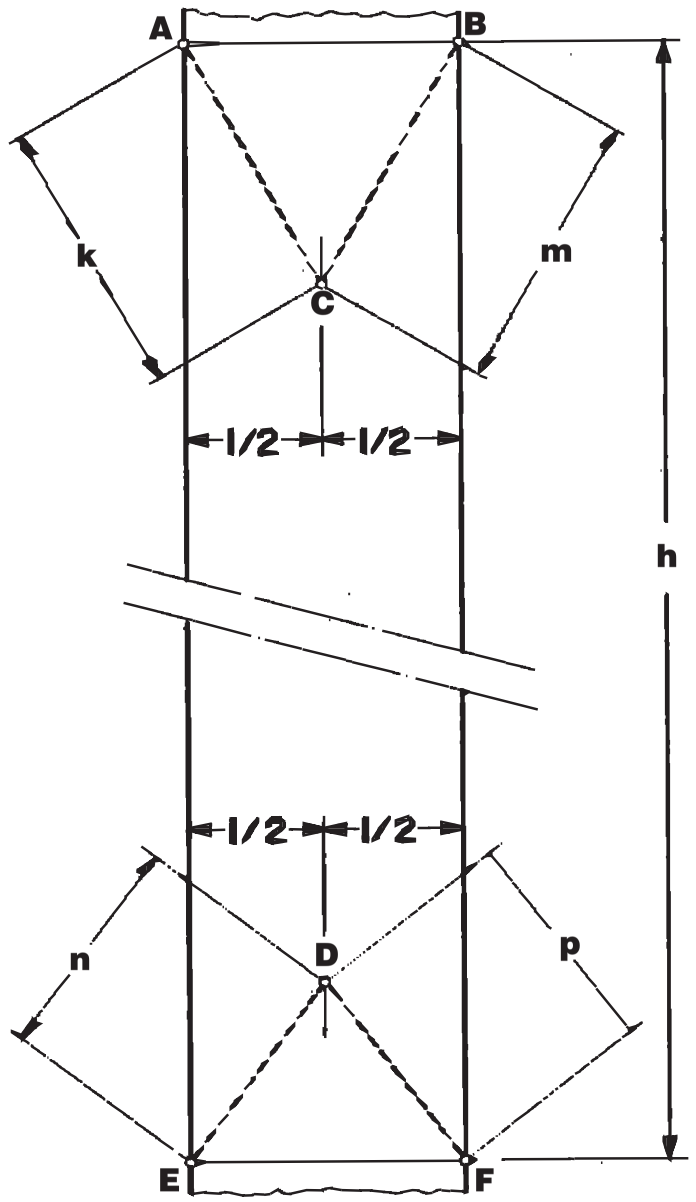
BMP820015/96322V (2 of 3)

Litho in U.S.A.



Step 1: At some point well back from the end of the belt, measure and carefully mark a point (C) at the exact center of the belt width.

Step 2: Measure from this centerpoint two equal lengths (k and m) and mark points (A and B) along the edges and near the end of the belt. Be sure length "k" equals length "m".

Step 3: Meausre the total desired length (h) from point "B" to point "F" and mark that point.

Step 4: At some point well back from this end of the belt, mark a point (D) at the exact center of the belt width.

Step 5: Repeat step 2 to find point "E". Be sure that length "n" equals length "p".

Step 6: Cut along lines "A" - "B" and "E" - "F". Cuts must be straight so that the ends may be laced together without causing the belt material to warp.

(THIS PROCEDURE TO BE USED IF A BELT IS TO BE CUT AND LACED IN THE FIELD.)

Conveyor Adjustment Procedures
Flatbelt & Load Conveyors

Pellerin Milnor Corporation
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BMP820015/96322V (3 of 3)

Litho in U.S.A.

Step 1: Check the conveyor frame to make sure it is square in accordance with illustration 1. Make sure the ends of the belt are square and laced properly in accordance with illustration 2.

Step 2: Run the conveyor for enough revolutions to indicate what direction it tracks.
Example: If the belt tracks to the right, adjust the right side non driven end adjusting rod (for double ended drives pick one end to adjust only) by following these steps:

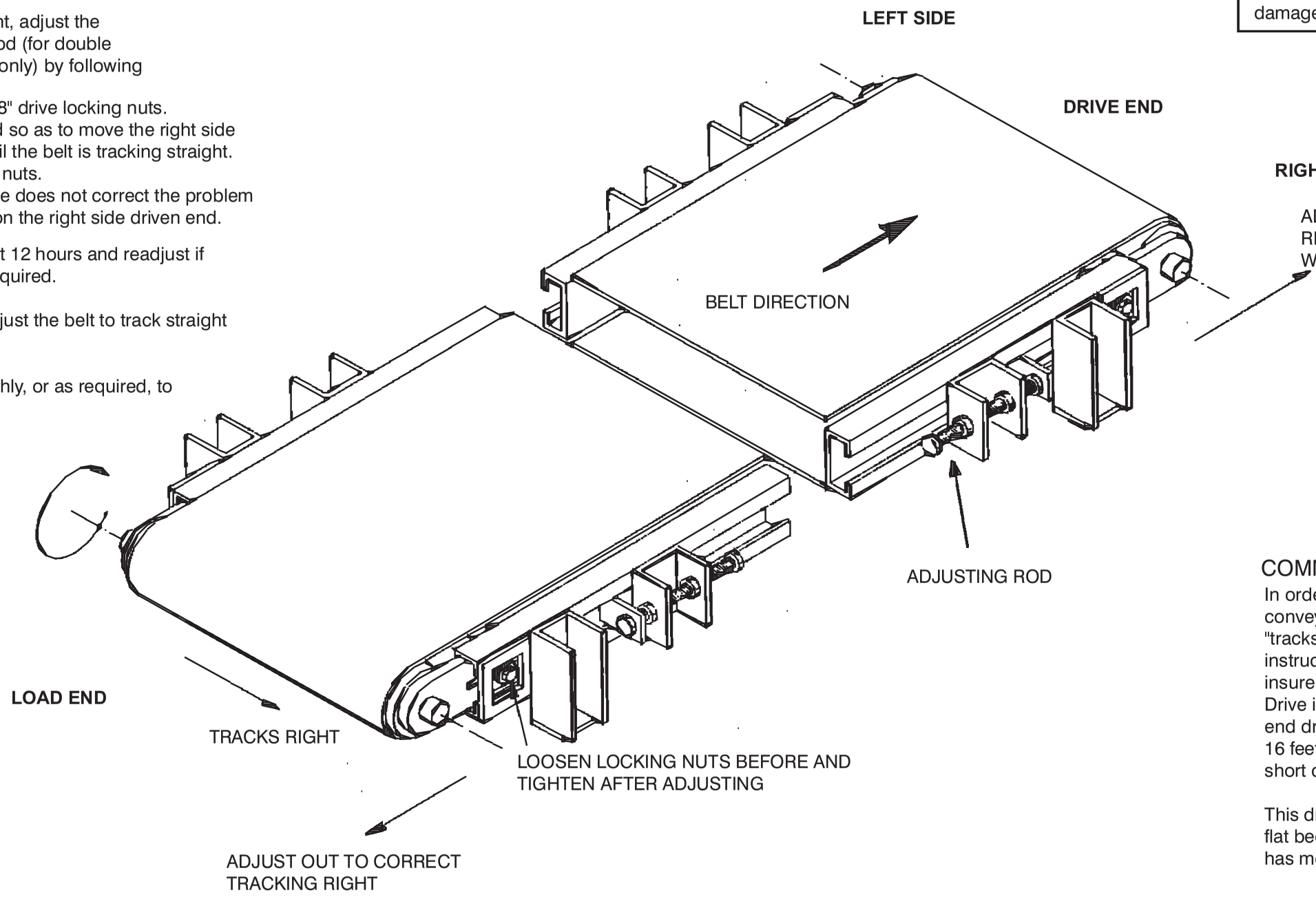
- **Step 2a:** Loosen the two (2) 5/8" drive locking nuts.
- **Step 2b:** Turn the adjusting rod so as to move the right side non-driven end out until the belt is tracking straight.
- **Step 2c:** Retighten the locking nuts.
- **Step 2d:** If the above procedure does not correct the problem apply the same steps on the right side driven end.

Step 3: Run the conveyor for at least 12 hours and readjust if necessary. Frequent inspection is required.

Step 4: After 72 hours operating, adjust the belt to track straight if required.

Step 5: Check the belt at least monthly, or as required, to insure straight tracking.

WARNING:
When moving conveyor, never allow frame to twist; such as would occur if one corner were raised higher than the others. Misalignment and damage to the frame may occur.



COMMENTS:
In order to insure optimum durablity of Milnor conveyor belts, it is essential that the belt "tracks" straight on the conveyor frame. These instructions provide step by step procedures to insure proper belt tracking.
Drive is normally located on discharge end. Double end drives are used on reversing conveyors over 16 feet long. Drive may be located on load end of short conveyors (4 feet).

This drawing intended for use with both flat bed and loading conveyor. Loading conveyor has metal dividers on belt, not shown here.

INSTALLING ANTI-FRICTION STRIPS

APPLICABILITY: Flatbed conveyors

SCOPE: Purpose for; how to install strips

The polymer anti-friction strips shipped with your conveyor must be installed after the conveyor sections have been joined together. These strips which run continuous along the entire conveyor length, prevent the conveyor belt from adhering to the bed and straining the motor when the conveyor is started.

Once all conveyor sections have been joined and before installing the belt, attach these strips as shown in the figure below using the flat head bolts and self locking nuts provided. Note that the holes in both the strips and the conveyor bed were pre-drilled.

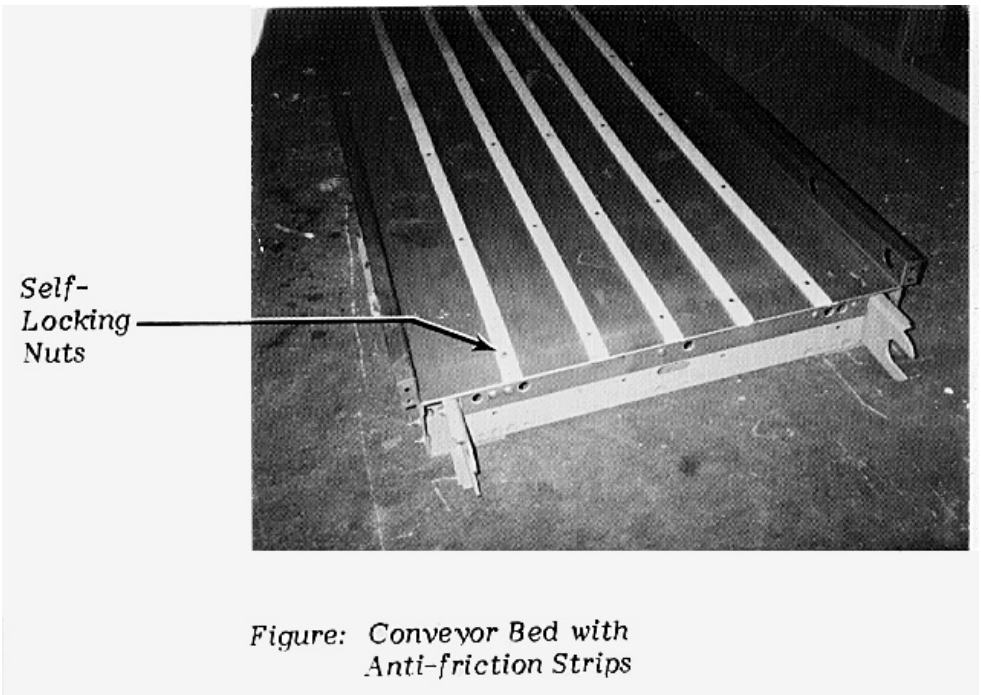


Figure: Conveyor Bed with Anti-friction Strips

INCLINED STORAGE CONVEYOR ASSEMBLY INSTRUCTIONS

APPLICABILITY: Inclined Storage Conveyor

SCOPE: How to assemble

NOTE: Storage conveyors are generally shipped fully assembled or in various stages of assembly depending on special site conditions.

General

It is recommended to assemble inclined COSTO conveyors in the following sequence:

1. Join beds.

2. Install plastic anti-friction strips.

3. Install adjustment leg mounts.

4. Install belt to conveyor bed.

5. Install load end legs.

6. Install unloading end legs.

7. Install middle legs.

8. Install cross members.

9. Anchor bolt legs to floor where applicable.

10. Mount motor to gear reducer where applicable.

11. Make electrical connection and extend safety shut-off switch wires.

Installation Procedure

Joining Beds

Each conveyor bed is comprised of one or more 4, 7, or 9 foot section.

The connection between bed sections is made by eight 3/8" carriage bolts at each corner of the middle section or junction of two beds. (Combination: nut, bolt, lockwasher, and flatwasher.) Six on the side and two underneath.

When bolting sections together make sure all butting surfaces are flush and the conveyor is level along the entire length. Refer to BMP820024 for flat bed conveyor assembly details.

Install Plastic Anti-Friction Strips

The polymer anti-friction strips shipped with your conveyor must be installed after the conveyor sections have been joined together. These strips which run continuously along the entire conveyor length, prevent the conveyor belt from adhering to the bed and straining the motor when the conveyor is started.

Attach anti-friction strips as shown in the figure next page using the flat head bolts and self-locking nuts supplied. Note that the strips and conveyor bed were pre-drilled. Bolt heads must be countersunk slightly below the top surface of the strip to assure that bolt head doesn't cut into belt material.

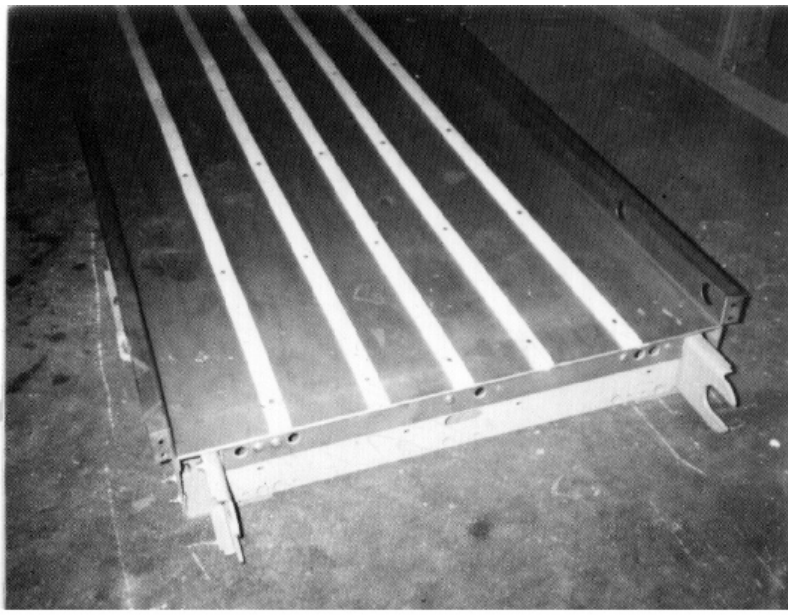


FIGURE 1: Install Anti-Friction Strips

Install Adjustment Leg Mounts

In order to raise conveyor from resting on floor, it is recommended to mount the adjustment leg mounts to the sides of the conveyor. Adjustment leg mount locations are marked with tags or illustrated by a shop sketch for positioning. Mounts are bolted to the conveyor bed in four places, as shown in the photo right, and figure next page.

Note: All bolts for attaching leg adjustment mounts, legs, and cross members are 1/2". All nuts have full threads and are used in a combination of bolt, lockwasher, and nut. Flatwashers are added where slotted holes are being used.

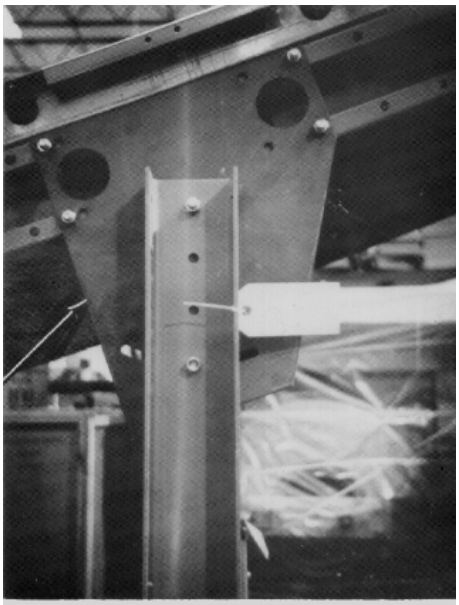


FIGURE 2: Adjustment Leg Mount

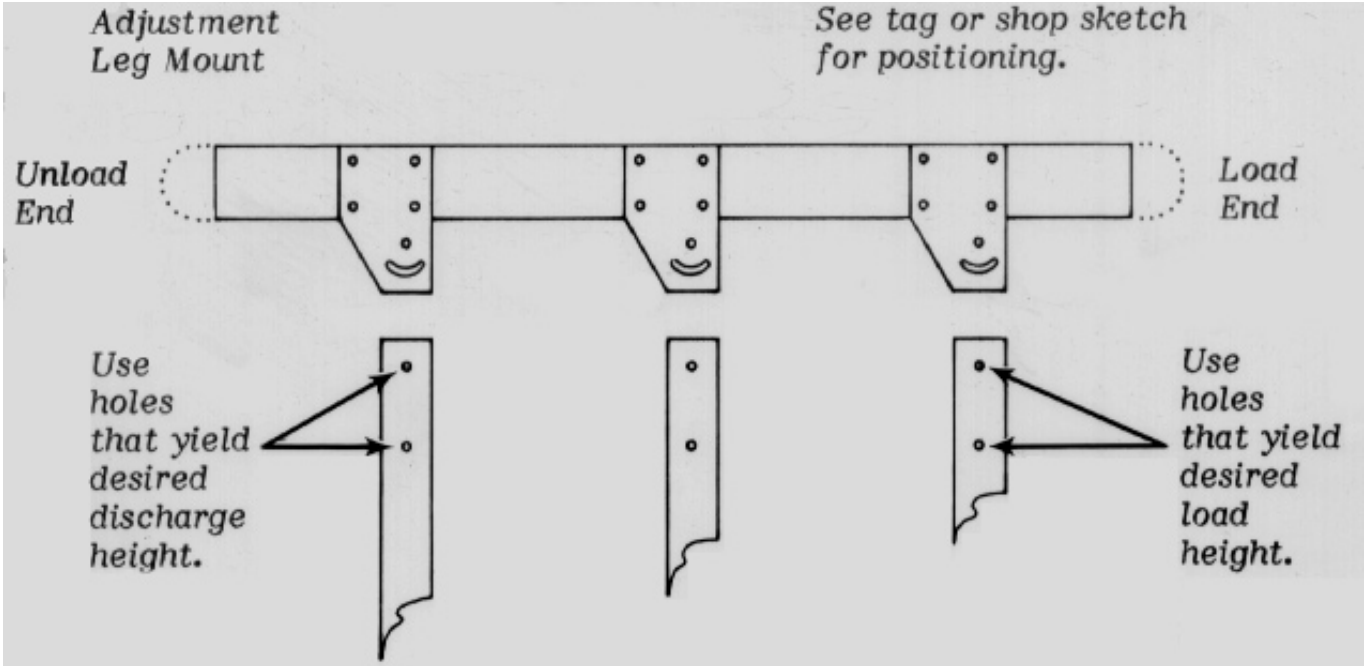


FIGURE 3: Adjustment Leg Mount & Leg Placement

Install Belt

Belt tension adjustments are made on the idler (load) end. The bearing carrier is attached loosely to adjust tension after belt is on. See BMP820024 for more information.

Install Load End Legs

Raise load end of conveyor to load height. Position legs on adjustment leg mounts (see illustration above) and secure loosely.

Install Unloading End Legs

Raise unloading end of conveyor to discharge height and secure legs to adjustment leg mounts.

CAUTION: Do not lift conveyor from roller. This may damage the roller or belt. Lift from connecting bracket or conveyor bed. See BMP820024.

Install Middle Legs

Install middle legs to adjustment leg mount and secure. Go back and adjust all legs vertically and tighten all bolts.

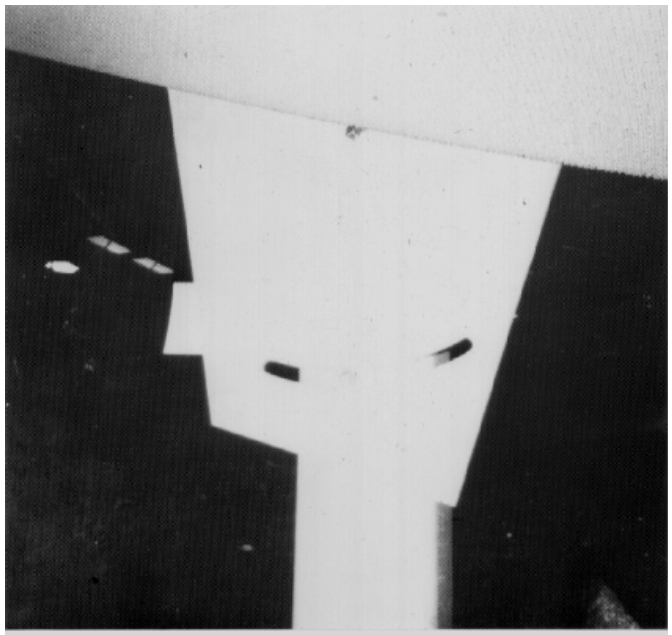


FIGURE 4: Backview Leg Connection

Install Crossmembers

Cross members are used in pairs, bracing legs front and back. Shorter legs ranging from 9" to 26" do not require crossmembers, whereas legs ranging from 27" to 145" require cross-bracing approximately 13" from the bottom of the leg using pre-drilled holes. Taller legs, ranging from 40" to 145" require a second pair of cross braces placed near the top of the legs where bolt holes are available. (See photo right.)

Anchor to Foundation

Use one 1" 0 anchor bolt per leg. Anchor bolt hardware not supplied by Pellerin Milnor Corporation.

Mount Motors

All conveyors are shipped with gear reducers mounted to the drive roller (unloading end). Motors may need to be mounted to the gear reducer if shipped detached.

Note: No adjustment is needed on the drive end of the system.

Additional Connections

Make electrical connection and extend safety shut-off switch wires.

FIGURE 5: Crossmembers, one of two shown.

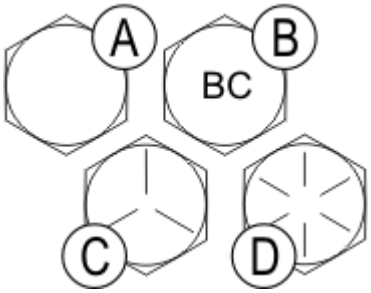
BIUUUM04 (Published) Book specs- Dates: 20180109 / 20180109 / 20180109 Lang: ENG01 Applic: UUU

Torque Requirements for Fasteners

This document uses Simplified Technical English. Learn more at http://www.asd-ste100.org.

The document about the assembly gives the torque requirements for other fasteners. **If fastener torque specifications or threadlocker requirements in an assembly document are different from this document, use the assembly document.**

Figure 1: The Bolts in Milnor® Equipment

The Marks on Bolt Heads	Legend
	**A.** SAE Grades 1 and 2, ASTM A307, and stainless steel **B.** Grade BC, ASTM A354 **C.** SAE Grade 5, ASTM A449 **D.** SAE Grade 8 and ASTM A354 BD

1. Torque Values

These tables give the standard dimension, grade, threadlocker, and torque requirements for fasteners frequently used on Milnor® equipment.

Note 1: Data from the Pellerin Milnor® Corporation “Bolt Torque Specification” (bolt_torque_milnor.xls/2002096).

1.1. Fasteners Made of Carbon Steel

1.1.1. Without a Threadlocker

Table 1: Torque Values for Standard Fasteners with Maximum 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	66	7	101	11	143	16	126	14
1/4 x 28	76	9	116	13	163	18	--	--
5/16 x 18	136	15	209	24	295	33	258	29
5/16 x 24	150	17	232	26	325	37	--	--

Table 2: Torque Values for Standard Fasteners Larger Than 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/8 x 16	20	27	31	42	44	59	38	52
3/8 x 24	23	31	35	47	50	68	--	--
7/16 x 14	32	43	49	66	70	95	61	83
7/16 x 20	36	49	55	75	78	105	--	--
1/2 x 13	49	66	75	102	107	145	93	126
1/2 x 20	55	75	85	115	120	163	--	--
9/16 x 12	70	95	109	148	154	209	134	182
9/16 x 18	78	106	121	164	171	232	--	--
5/8 x 11	97	131	150	203	212	287	186	252
5/8 x 18	110	149	170	231	240	325	--	--
3/4 x 10	172	233	266	361	376	510	329	446
3/14 x 16	192	261	297	403	420	569	--	--
7/8 x 9	167	226	429	582	606	821	531	719
7/8 x 14	184	249	473	641	668	906	--	--
1 x 8	250	339	644	873	909	1232	796	1079
1 x 12	274	371	704	954	994	1348	--	--
1 x 14	281	381	723	980	1020	1383	--	--
1 1/8 x 7	354	480	794	1077	1287	1745	1126	1527
1 1/8 x 12	397	538	891	1208	1444	1958	--	--
1 1/4 x 7	500	678	1120	1519	1817	2464	1590	2155
1 1/4 x 12	553	750	1241	1682	2012	2728	--	--
1 3/8 x 6	655	888	1469	1992	2382	3230	2085	2827
1 3/8 x 12	746	1011	1672	2267	2712	3677	--	--
1 1/2 x 6	869	1178	1949	2642	3161	4286	2767	3751
1 1/2 x 12	979	1327	2194	2974	3557	4822	--	--

Table 3: Torque Values for Plated Fasteners with Maximum 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	49	6	76	9	107	12	95	11
1/4 x 28	56	6	88	10	122	14	--	--
5/16 x 18	102	12	156	18	222	25	193	22
5/16 x 24	113	13	174	20	245	28	--	--

Table 4: Torque Values for Plated Fasteners Larger Than 5/16-inch Diameters and No Lubricant

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/8 x 16	15	20	23	31	33	44	29	38
3/8 x 24	17	23	26	35	37	49	--	--
7/16 x 14	24	32	37	50	52	71	46	61
7/16 x 20	27	36	41	55	58	78	--	--
1/2 x 13	37	49	56	76	80	106	70	93
1/2 x 20	41	55	64	85	90	120	--	--
9/16 x 12	53	70	81	110	115	153	101	134
9/16 x 18	59	79	91	122	128	174	--	--
5/8 x 11	73	97	113	150	159	212	139	186
5/8 x 18	83	110	127	172	180	240	--	--
3/4 x 10	129	173	200	266	282	376	246	329
3/14 x 16	144	192	223	297	315	420	--	--
7/8 x 9	125	166	322	430	455	606	398	531
7/8 x 14	138	184	355	474	501	668	--	--
1 x 8	188	250	483	644	682	909	597	796
1 x 12	205	274	528	716	746	995	--	--
1 x 14	210	280	542	735	765	1037	--	--
1 1/8 x 7	266	354	595	807	966	1288	845	1126
1 1/8 x 12	298	404	668	890	1083	1444	--	--
1 1/4 x 7	375	500	840	1120	1363	1817	1192	1590
1 1/4 x 12	415	553	930	1261	1509	2013	--	--
1 3/8 x 6	491	655	1102	1470	1787	2382	1564	2085
1 3/8 x 12	559	758	1254	1672	2034	2712	--	--
1 1/2 x 6	652	870	1462	1982	2371	3161	2075	2767
1 1/2 x 12	733	994	1645	2194	2668	3557	--	--

1.1.2. With a Threadlocker

Table 5: Threadlocker by the Diameter of the Bolt (see Note 2)

	Dimension			
LocTite Product	1/4-inch	1/4- to 5/8-inch	5/8- to 7/8-inch	1-inch +
LocTite 222	OK			
LocTite 242		OK		
LocTite 262			OK	
LocTite 272			High temperature	
LocTite 277				OK

Note 2: The acceptable bolt size ranges for various LocTite® threadlocking products is the LocTite manufacturer's **general** recommendation. Specific applications sometime require that a LocTite product is applied to a bolt size outside the ranges shown here. For example, Milnor specifies LocTite 242 for use on certain 1" bolt applications and has confirmed this usage with the LocTite manufacturer. You may see variances such as this in the documentation for specific machine assemblies.

Table 6: Torque Values if You Apply LocTite 222

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-inches	N-m	Pound-inches	N-m	Pound-inches	N-m	Pound-inches	N-m
1/4 x 20	60	7	96	11	132	15	108	12
1/4 x 28	72	8	108	12	144	16	--	--

Table 7: Torque Values if You Apply LocTite 242

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
5/16 x 18	11	15	17	23	25	34	22	30
5/16 x 24	13	18	19	26	27	37	27	37
3/8 x 16	20	27	31	42	44	60	38	52
3/8 x 24	23	31	35	47	50	68	--	--
7/16 x 14	32	43	49	66	70	95	61	83
7/16 x 20	36	49	55	75	78	106	--	--
1/2 x 13	49	66	75	102	107	145	93	126
1/2 x 20	55	75	85	115	120	163	--	--
9/16 x 12	70	95	109	148	154	209	134	182
9/16 x 18	78	106	121	164	171	232	--	--
5/8 x 11	97	132	150	203	212	287	186	252
5/8 x 18	110	149	170	230	240	325	--	--

Table 8: Torque Values if You Apply LocTite 262

Dimension	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
3/4 x 10	155	210	240	325	338	458	296	401
3/4 x 16	173	235	267	362	378	512	--	--
7/8 x 9	150	203	386	523	546	740	477	647
7/8 x 14	165	224	426	578	601	815	--	--

Table 9: Torque Values if You Apply LocTite 272 (High-Temperature)

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
1 x 8	350	475	901	1222	1272	1725	1114	1510
1 x 12	383	519	986	1337	1392	1887	--	--
1 x 14	393	533	1012	1372	1428	1936	--	--
1-1/8 x 7	496	672	1111	1506	1802	2443	1577	2138
1-1/8 x 12	556	754	1247	1691	2022	2741	--	--
1-1/4 x 7	700	949	1568	2126	2544	3449	2226	3018
1-1/4 x 12	774	1049	1737	2355	2816	3818	--	--
1-3/8 x 6	917	1243	2056	2788	3335	4522	2919	3958
1-3/8 x 12	1044	1415	2341	3174	3797	5148	--	--
1-1/2 x 6	1217	1650	2729	3700	4426	6001	3873	5251
1-1/2 x 12	1369	1856	3071	4164	4980	6752	--	--

Table 10: Torque Values if You Apply LocTite 277

	The Grade of the Bolt							
	Grade 2		Grade 5		Grade 8		Grade BC	
Dimension	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m	Pound-feet	N-m
1 x 8	325	441	837	1135	1181	1601	1034	1402
1 x 12	356	483	916	1242	1293	1753	--	--
1 x 14	365	495	939	1273	1326	1798	--	--
1-1/8 x 7	461	625	1032	1399	1674	2270	1464	1985
1-1/8 x 12	516	700	1158	1570	1877	2545	--	--
1-1/4 x 7	650	881	1456	1974	2362	3202	2067	2802
1-1/4 x 12	719	975	1613	2187	2615	3545	--	--
1-3/8 x 6	851	1154	1909	2588	3097	4199	2710	3674
1-3/8 x 12	970	1315	2174	2948	3526	4781	--	--
1-1/2 x 6	1130	1532	2534	3436	4110	5572	3597	4877
1-1/2 x 12	1271	1723	2852	3867	4624	6269	--	--

1.2. Stainless Steel Fasteners

Table 11: Torque Values for Stainless Steel Fasteners 5/16-inch and Smaller

	316 Stainless		18-8 Stainless		18-8 Stainless with Loctite 767	
Dimension	Pound-Inches	N-m	Pound-Inches	N-m	Pound-Inches	N-m
1/4 x 20	79	9	76	9	45	5
1/4 x 28	100	11	94	11	56	6
5/16 x 18	138	16	132	15	79	9
5/16 x 24	148	17	142	16	85	10

Table 12: Torque Values for Stainless Steel Fasteners Larger Than 5/16-inch

	316 Stainless		18-8 Stainless		18-8 Stainless with Loctite 767	
Dimension	**Pound-feet**	**N-m**	**Pound-feet**	**N-m**	**Pound-feet**	**N-m**
3/8 x 16	21	28	20	27	12	16
3/8 x 24	23	31	22	29	13	18
7/16 x 14	33	44	31	42	19	25
7/16 x 20	35	47	33	45	20	27
1/2 x 13	45	61	43	58	26	35
1/2 x 20	47	64	45	61	27	37
9/16 x 12	59	81	57	77	34	46
9/16 x 18	66	89	63	85	38	51
5/8 x 11	97	131	93	125	56	75
5/8 x 18	108	150	104	141	62	84
3/4 x 10	132	179	128	173	77	104
3/4 x 16	130	176	124	168	75	101
7/8 x 9	203	275	194	263	116	158
7/8 x 14	202	273	193	262	116	157
1 x 8	300	406	287	389	172	233
1 x 14	271	367	259	351	156	211
1-1/8 x 7	432	586	413	560	248	336
1-1/8 x 12	408	553	390	529	234	317
1-1/4 x 7	546	740	523	709	314	425
1-1/4 x 12	504	683	480	651	288	390
1-1/2 x 6	930	1261	888	1204	533	722
1-1/2 x 12	732	992	703	953	422	572

2. Preparation

WARNING 2: Fire Hazard—Some solvents and primers are flammable.

- Use threadlocker and primers with sufficient airflow.
- Do not use flammable material near ignition sources.

1. Clean all threads with a wire brush or a different tool.
2. Remove the grease from the fasteners and the mating threads with solvent. Make the parts dry.

   Note 3: LocTite 7649 Primer™ or standard solvents will remove grease from parts.

3. Apply a spray of LocTite 7649 Primer™ or equal on the fasteners and the mating threads. Let the primer dry for one minute minimum.

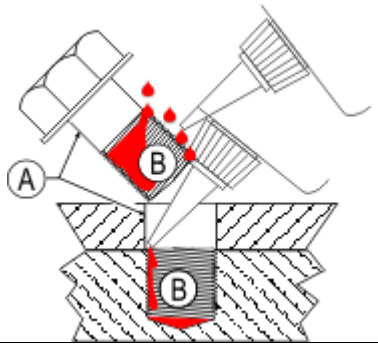
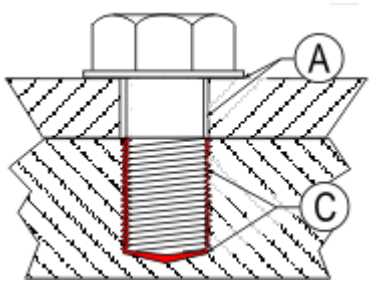
3. How to Apply a Threadlocker

CAUTION 3: Malfunction Hazard—Heat, vibration, or mechanical shocks can let the fasteners loosen if you do not apply the threadlocker correctly. Loose fasteners can cause malfunctions of the equipment.

- Read the threadlocker manufacturer's instructions and warnings. Obey these instructions.

Apply the threadlocker only to the areas where the fastener threads and the mating threads engage.

Figure 2: Blind Hole

Application	Coverage
	

Legend

A. No threadlocker here
B. Apply here
C. Fill all space with threadlocker

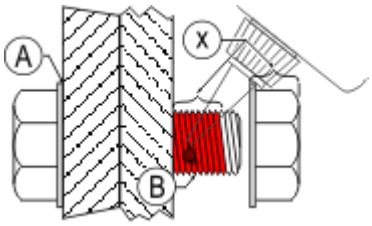
3.1. Blind Holes

1. Apply the threadlocker down the threads to the bottom of the hole.
2. Apply the threadlocker to the bolt.
3. Tighten the bolt to the value shown in the correct table (Table 5 to Table 11).

3.2. Through Holes

1. Put the bolt through the assembly.
2. Apply the threadlocker only to the bolt thread area that will engage the nut.
3. Tighten the bolt to the value shown in the correct table (Table 5 to Table 11).

Figure 3: Through Hole

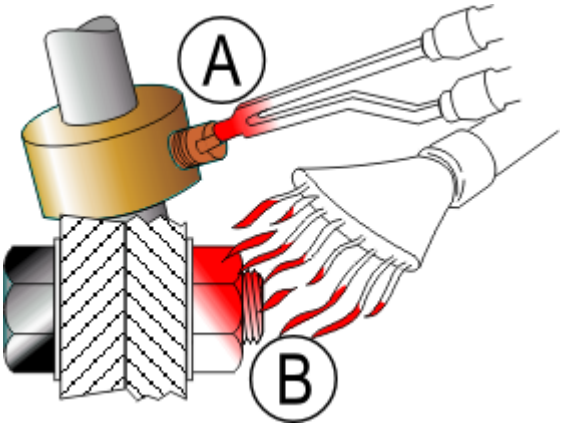
Application	Legend
	**A.** No threadlocker here **B.** Apply the threadlocker to this area **x.** Nut depth

3.3. Disassembly—For high-strength threadlocker, apply heat for five minutes. Disassemble with hand tools while the parts are hot.

For low-strength and moderate-strength threadlocker, disassemble with hand tools.

Figure 4: Disassembly

Apply Heat to a Small Area

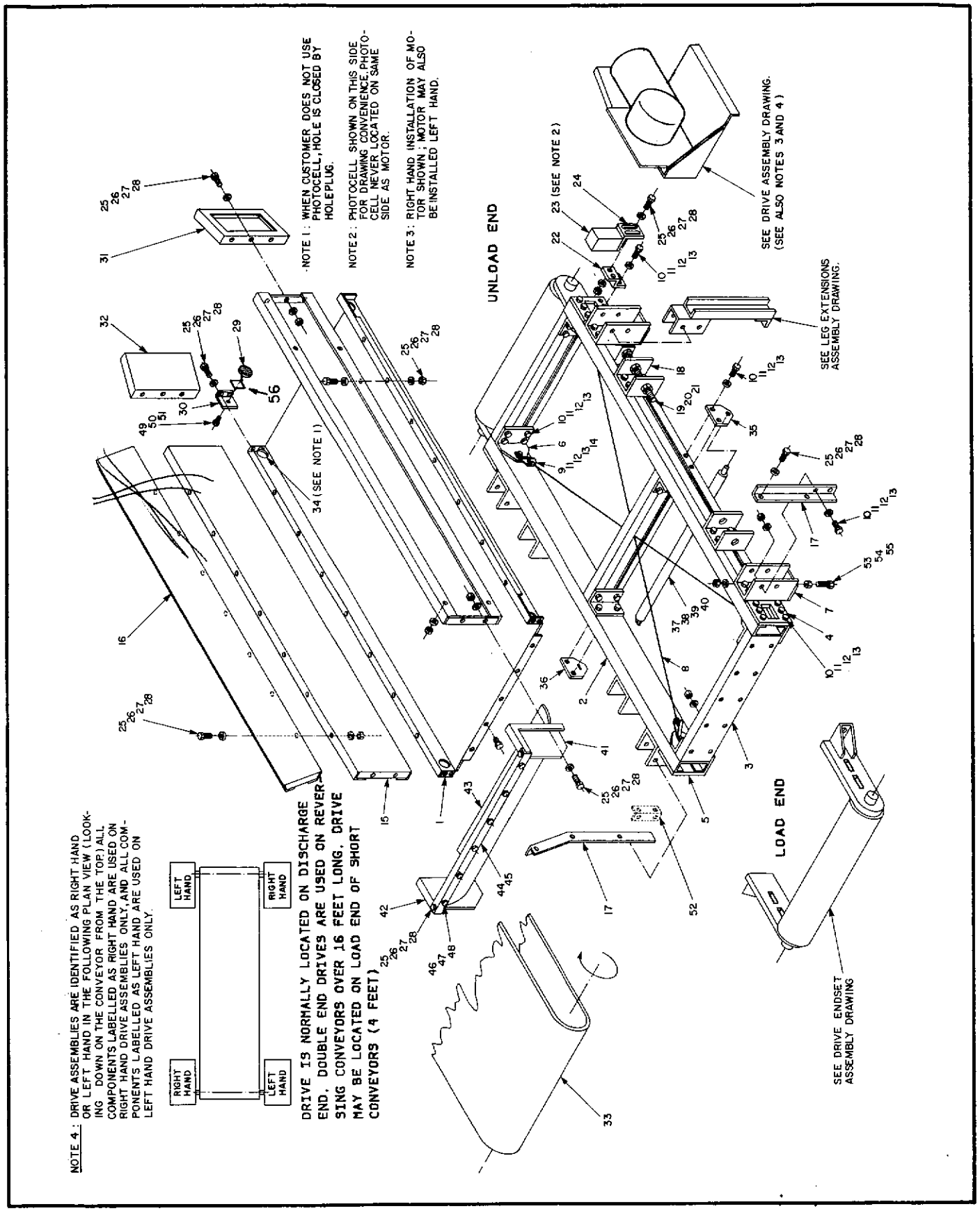


Legend

A. How to apply heat to a small fastener
B. How to apply heat to a large fastener

— End of BIUUUM04 —

Assemblies 2



GENERAL ASSEMBLY

General Assembly Fixed Bed Conveyor

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—General Assembly Fixed Bed Conveyor

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	1	04 20006	96181E BED MCS 6ROL 36W 48L CROWN	36"X48" CONVEYOR
all	1	04 20007	96292E BED MCS 6ROL 36W 84L CROWN	36"X84" CONVEYOR
all	1	04 20008	96292E BED MCS 6ROL 36W 108L CROWN	36"X108"CONVEYOR
all	1	04 20009	90021E BED MCS 6ROL 48W 48L CROWN	48"X48" CONVEYOR
all	1	04 20010	90021# BED MCS 6ROL 48W 84L CROWN	48"X84" CONVEYOR
all	1	04 20011	90021# BED MCS 6ROL 48W 108L CROWN	48"X108"CONVEYOR
all	2	04 20001	91342C MCS 48"SIDE MEMBER	48"
all	2	04 20002	91137D MCS 84"SIDE MEMBER	84"
all	2	04 20003	91137# MCS 108"SIDE MEMBER	108"
all	3	04 20004	92377D MCS 36"CROSS MEMBER	36"
all	3	04 20005	96152D MCS 48"CROSS MEMBER	48"
all	4	04 20023A	88202# MCS MOD CONN BKT RIGHT END	
all	5	04 20023B	88202# MCS MOD CONN BKT LEFT END	
all	6	04 20024	89216C MCS CROSS MEMBER CONN BKT	
all	7	04 20025	90047C MCS CONVEYOR SUPPORT	
all	8	04 20117	87152# MCS 36X48 TIE ROD 42"LG.	42"
all	8	04 20115	87152# MCS 36X84 TIE ROD 73" LG.	73"
all	8	04 20113	87152B MCS 36X108 TIE ROD 96"LG	96"
all	8	04 20116	87152B MCS 48X48 TIE ROD 51"LG.	51"
all	8	04 20114	87152# MCS 48X84 TIE ROD 79"LG.	79"
all	8	04 20119	87152# MCS 48X108 TIE ROD 102" LG.	102"
all	9	04 20118	90491B TIE ROD STRAP	
all	10	15A011	CARBOLT 3/8-16UNC2X1 ZINC GR2	
all	11	15G205	HXNUT 3/8-16UNC2B ZINC GR2	
all	12	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	13	15U240	FLATWASHER(USS STD) 3/8" ZNC PLT	
all	14	02 13155A	71197A WASHER=SELF ALIGNING	
all	15	04 20012	87196C CONVEYOR 9X 48 SIDE EXT.	9"X48"
all	15	04 20015	87421C CONVEYOR 12X 48 SIDE EXT.	12"X48"
all	15	04 20013	87196# CONVEYOR 9X 84 SIDE EXT.	9"X84"
all	15	04 20016	87421# CONVEYOR 12X 84 SIDE EXT.	12"X84"
all	15	04 20014	87196# CONVEYOR 9X108 SIDE EXT.	9"X108"
all	15	04 20017	87421# CONVEYOR 12X108 SIDE EXT.	12"X108"
all	16	04 20076	87151D MCS 9"X48"X30DEG SIDE EXTEN.	9"X48"X30DEG.
all	16	04 20076A	87151# MCS 9"X84"X30DEG SIDE EXTEN.	9"X84"X30DEG.
all	16	04 20076B	87151# MCS 9"X108"X30DEG SIDE EXTEN	9"X108"X30DEG.
all	17	04 20018A	90377D 9" SIDE EXTENSION SUPPORT	9"
all	17	04 20019A	90377# 12" SIDE EXTENSION SUPPORT	12"
all	17	04 20074A	90377# 18" SIDE EXTENSION SUPPORT	9"&9"
all	17	04 20020A	90377# 21" SIDE EXTENSION SUPPORT	9"&12"
all	17	04 20075A	90377# 24" SIDE EXTENSION SUPPORT	12"&12"
all	17	W4 20078A	80327#*MCS 9"X30DEGSIDE SUP WLMT	9"X30DEG.
all	17	W4 20079A	80327#*MCS 9"X30DEG+9"SIDE SUP WLMT	9"X30DEG.+9"
all	17	W4 20080A	80327#*MCS 9"X30DEG+12"SIDE SUP WMT	9"X30DEG.+12"
all	17	W4 20081A	80327#*MCS 9"+9"X30DEGSIDE SUP WLMT	9"+9"X30DEG.
all	17	W4 20082A	80327#*MCS 12"+9"X30DEGSIDE SUP WMT	12"+9"X30DEG.
all	18	04 20026A	94327B MCS BEARING CARRIER ADJ BKT	

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400
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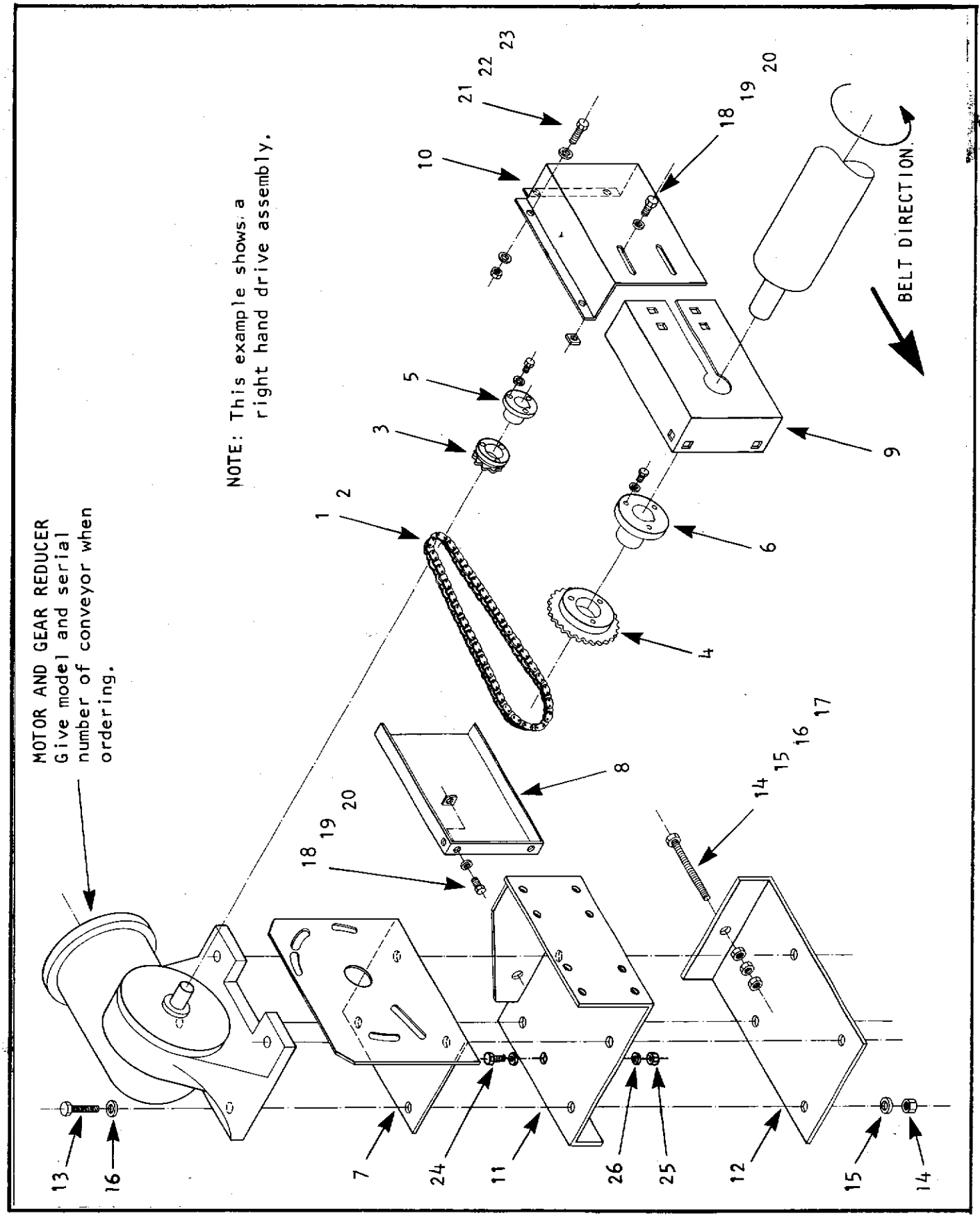
Parts List, cont.—General Assembly Fixed Bed Conveyor

Used In	Item	Part Number	Description	Comments
all	19	17R026A10A	93297# MCS BEARING CARRIER STUD 10"	
all	20	15G240	HXNUT 3/4-10UNC2B SAE ZINC GR2	
all	21	15U340	LOCKWASH MEDIUM 3/4 ZINCPL	
all	22	04 20123	82066B MCS PHOTOCELL BRKT.	
all	23	09RPE002	PHOTOEYE ASSEMBLY:RELAY+BASE 120VAC	
all	24	09RPE002B	00Z BRACKET:PHOTOEYE 2 PIECE+SCREWS	
all	25	15K060	HXCAPSCR 5/16-18UNCAX3/4 GR5 ZN/CD	
all	26	15G185	HXNUT 5/16-18UNC2B SAE ZINC GR2	
all	27	15U200	FLATWASHER(USS STD) 5/16"ZNC PLT	
all	28	15U210	LOKWASHER MEDIUM 5/16 ZINCPL	
all	29	09RPE001A	REFLECTOR 3" DIA CLEAR 3M # C110	
all	30	04 20124	82066B MCS TARGET DISC BRKT.	
all	31	04 20098	81204C MCS 9" ENDBED UNLOAD RS.	9" RIGHT
all	31	04 20099	81204C MCS 12" ENDBED UNLOAD RS.	12" RIGHT
all	31	04 20069A	90427C MCS ENDBED UNLOAD RIGHT	21" RIGHT
all	32	04 20098A	81204# MCS 9" ENDBED UNLOAD LS.	9" LEFT
all	32	04 20099A	81204# MCS 12" ENDBED UNLOAD LS.	12" LEFT
all	32	04 20069B	90427# MCS ENDBED UNLOAD LEFT	21" LEFT
all	33	54C361C	00Z BELT 36" SMOOTH TOP FLAT CONV *	36" SMOOTH
all	33	54C360B	03Z BELT 36"100 TAN WEDGEGRIP/BARE*	36" ROUGH
all	33	54C481C	00Z BELT 48" SMOOTH FLAT TOP CONV *	48" SMOOTH
all	33	54C480B	05Z BELT 48"100 TAN WEDGEGRIP/BARE*	48" ROUGH
all	34	12P11PHP	HOLEPLUG LPE BLK 1-3/4" HEYCO #2773	
all	35	04 20032	80247B MCS IDLER BKT RIGHT	
all	36	04 20033	80256B MCS IDLER BKT LEFT	
all	37	15H040	STDCOTTERPIN 1/8X3/4 ZINCPL	
all	38	04 20030	80247B MCS 36" IDLER SHAFT	
all	39	04 20031	80247B MCS 36" ROLLER	
all	40	54A712	FLGBR 1/2"ID SCHATZ# AF3236	
all	41	04 20111	88171D MCS 9" ENDGATE BRKT. RS.	HEIGHT 9"
all	41	04 20110	88171# MCS 12" ENDGATE BRKT. RS.	HEIGHT 12"
all	42	04 20111A	88171# MCS 9" ENDGATE BRKT. LS.	HEIGHT 9"
all	42	04 20110A	88171# MCS 12" ENDGATE BRKT. LS.	HEIGHT 12"
all	43	04 20112	92177B MCS 36X9 BELT ENDGATE	36"X9"
all	43	04 20112A	92177#*MCS 36X12 BELT ENDGATE	36"X12"
all	43	04 20109	92186B MCS 9" BELT ENDGATE	48"X9"
all	43	04 20109A	92186# MCS 12" BELT ENDGATE	48"X12"
all	44	04 20107A	91353B MCS 36" ENDGATE ANGLE	36"
all	44	04 20107	82052B MCS 48" ENDGATE ANGLE	48"
all	45	04 20108A	87327B MCS 36" ENDGATE STRIP	36"
all	45	04 20108	82033B MCS 48" ENDGATE STRIP	48"
all	46	15B074	HEXCAPSCR 5/16-18X1 SS18-8	
all	47	15G190	HEXFINJAMNUT 5/16-18NC2 SS18-8	
all	48	15U205	LOCKWASHER MEDIUM 5/16" 18-8SS	
all	49	15N095A	RDMACSCR 8-32UNC2X3/4 ZINC GR2	
all	50	15G100	HXMACHSCRNUT 8-32UNC2B ZINC GR2	
all	52	04 20021E	99177B SIDE EXTENSION SUPP BRKT	
all	53	15K252	HXCAPSCR 3/4-10X5.5 GR5 ZINC	
all	54	15G239	HXNUT 3/4-16UNF2B SAE ZINC GR2	
all	55	15U340	LOCKWASH MEDIUM 3/4 ZINCPL	
all	56	03 BF2X4W	86212B MOUNT PLT=PHOTO REFLECTOR	



FIXED BELT CONVEYOR DRIVE ASSEMBLY

Fixed Belt Conveyor Drive Assembly

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—Fixed Belt Conveyor Drive Assembly

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	1	54G050C	02Z R0LLCHAIN ANSI 50-1R (5/8"P) *	CHAIN #50 ANSI PITCH 5/8"
all	1	54G080C	02Z R0LLCHAIN ANSI 80-1R (1"P) *	CHAIN #80 ANSI PITCH 1"
all	2	54G050	02Z C0NN LINK ANSI 50 SPRING CLIP	PITCH 5/8"
all	2	54G080	02Z CONN LING ANSI 80 SPRING CLIP	PITCH 1"
all	3	54N050H13	SPROCKET BRN#H50H13-NO BUSHING	13 TEETH PITCH 5/8"
all	3	54N080P11	SPROCKET BROWN #80P11 -NO BUSHING	11 TEETH PITCH 1"
all	3	54N080P14	SPROCKET BROWN #80P14 -NO BUSHING	14 TEETH PITCH 1"
all	4	54N050P29	SPROCKET BROWN #50P29 -NO BUSHING	29 TEETH PITCH 5/8"
all	4	54N050P24	SPROCKET BROWN #50P24 -NO BUSHING	24 TEETH PITCH 5/8"
all	4	54N080P17	SPROCKET BROWN #80P17 -NO BUSHING	17 TEETH PITCH 1"
all	4	54N080P16	SPROCKET BROWN #80P16 -NO BUSHING	16 TEETH PITCH 1"
all	4	54N080P15	SPROCKET BROWN #80P15 - NO BUSHING	15 TEETH PITCH 1"
all	4	54N080P14	SPROCKET BROWN #80P14 -NO BUSHING	14 TEETH PITCH 1"
all	4	54N080P13	80143NSPROCKET BRN#80P13 NO BUSHING	13 TEETH PITCH 1"
all	4	54N080P12	SPROCKET BROWN #H80P12 - NO BUSHING	12 TEETH PITCH 1"
all	4	54N080P11	SPROCKET BROWN #80P11 -NO BUSHING	11 TEETH PITCH 1"
all	5	56Q1KH	1+1/2" BUSHING,VPUL TYPE H,D,OR QT	TYPE H
all	5	56Q1KP1	1+1/2" BUSHING,VPUL BROWNING "P1"	TYPE P1
all	6	56Q1GP1	1+3/8" BUSHING,VPUL BROWNING "P1"	
all	7	04 20092	81332C MCS CHAIN GUARD BACK PL.RS.2	RIGHT SIDE
all	7	04 20092A	81332# MCS CHAIN GUARD BACK PL.LS.2	LEFT SIDE
all	8	04 20091	80447C MCS CHAIN GUARD BACK PL.#1	
all	9	04 20093	81013C MCS CHAIN GUARD COVER#1	
all	10	04 20094	81013C MCS CHAIN GUARD COVER RS.2	RIGHT SIDE

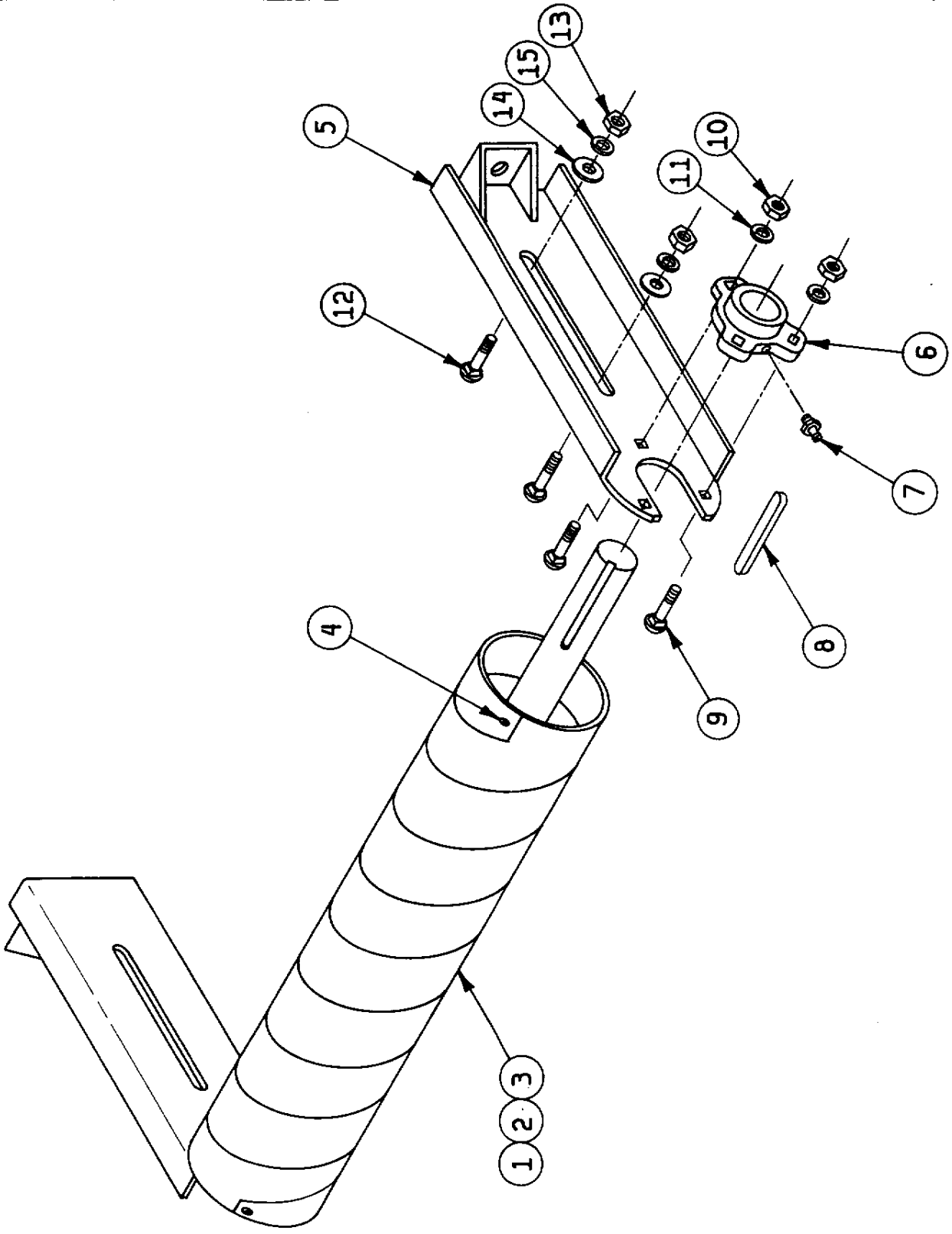
Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400
Litho in U.S.A.

Parts List, cont.—Fixed Belt Conveyor Drive Assembly

Used In	Item	Part Number	Description	Comments
all	10	04 20094A	81013# MCS CHAIN GUARD COVER LS.2	LEFT SIDE
all	11	04 20088	84251C MCS DRIVE MOTOR MOUNT LH.	LEFT SIDE
all	11	04 20088A	84251# MCS DRIVE MOTOR MOUNT RH.	RIGHT SIDE
all	12	04 20089	80447C MCS DRIVE ADJUSTING PLATE	
all	13	15K180	HXCAPSCR 1/2-13UNCAX2 GR5 ZINC/CAD	
all	14	15G230	HXNUT 1/2-13UNC2B SAE ZINC GR2	
all	15	15U300	LOKWASHER REGULAR 1/2 ZINC PLT	
all	16	15U280	01Z FL+WASHER(USS STD)1/2 ZNC PL+D	
all	17	15K201C	HXCAPSCR 1/2-13UNC2AX 4.5 GR5 PLT	
all	18	15K050	HXCAPSCR 5/16-18UNC2AX1/2 GR5 2N/CD	
all	19	17N068	5/16-18 GRIP NUT #C7953-5618-24 ZNC	
all	20	15U200	FLATWASHER(USS STD) 5/16"ZNC PLT	
all	21	15A021	CARRBOLT 3/8-16 X1.5 ZNC GR 5	
all	22	15G205	HXNUT 3/8-16UNC2B ZINC GR2	
all	23	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	24	15K252	HXCAPSCR 3/4-10X5.5 GR5 ZINC	
all	25	15G239	HXNUT 3/4-16UNF2B SAE ZINC GR2	
all	26	15U340	LOCKWASH MEDIUM 3/4 ZINCPL	

DRIVE ENDSET ASSEMBLY

BMP820025
89453A



Litho in U.S.A.

PELLERIN MILNOR CORPORATION

Drive End Set Assembly

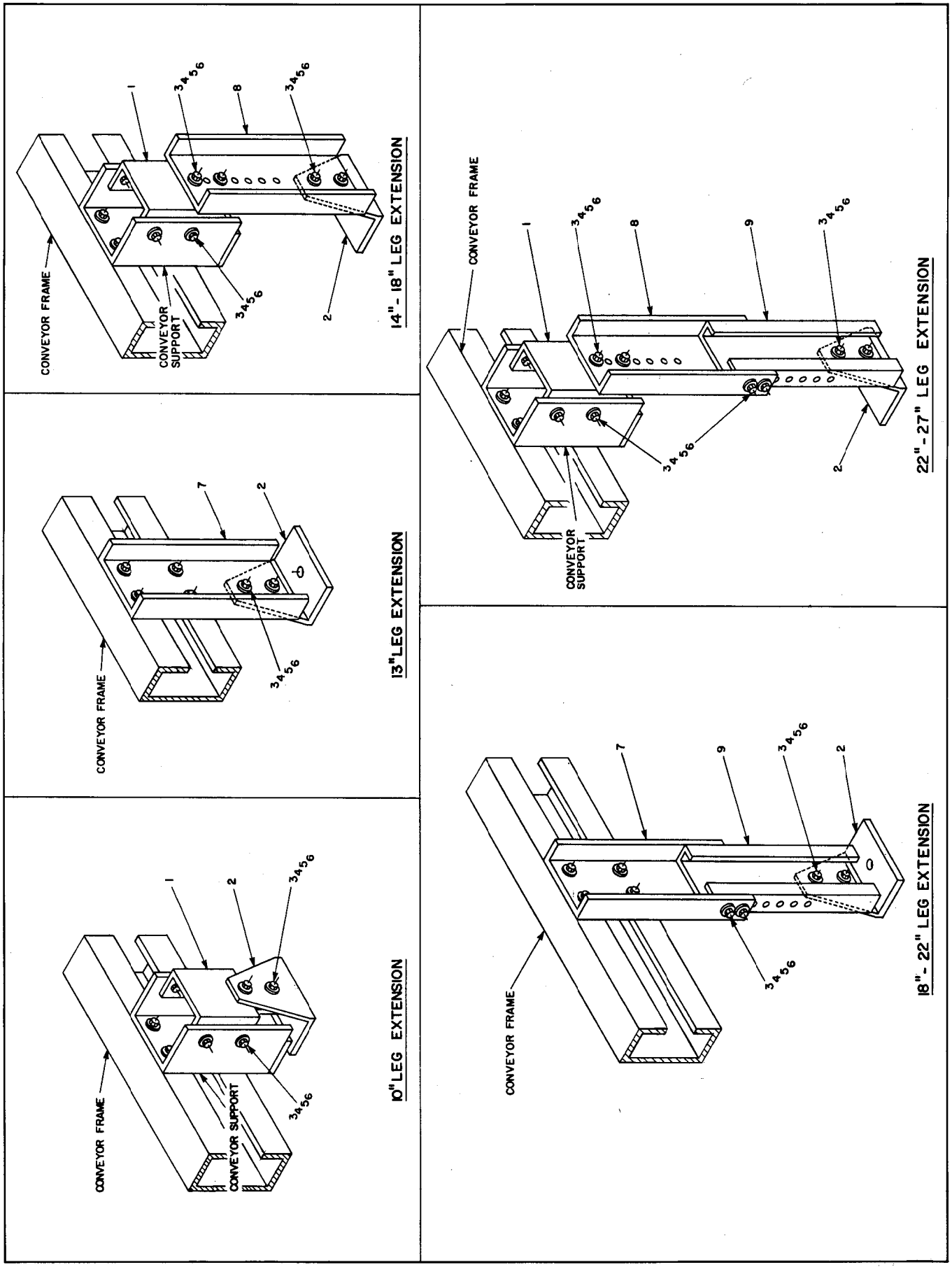
Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—Drive End Set Assembly

Find the correct assembly first, then find the needed components. The item letters (A, B, C, etc.) assigned to assemblies are referred to in the "Used In" column to identify which components belong to an assembly. The item numbers (1, 2, 3, etc.) assigned to components relate the parts list to the illustration.

Used In	Item	Part Number	Description	Comments
----------ASSEMBLIES----------				
			none	
----------COMPONENTS----------				
all	1	X4 20045B	89497C 36" IDLER-SHAFT MOUNT MACH	36"
all	1	X4 20068B	89497C 48" IDLER-SHAFT MOUNT MACH	48"
all	2	04 20050	87106C MCS 36"LAGGING BELT	36"
all	2	04 20051	87106# MCS 48 LAGGING BELT	48"
all	3	20C017	ADHESIVE 3-M EC-776 IN QUART CONT.	
all	4	15P010	12Z PHILPAN TRDCUTSCRTYP10-24X1/2SS	
all	5	W4 20029	88503#*MCS BRGCAR 6"ROLL NO TORKARM	
all	6	54AF13701	FLANGE BRG. HUB CITY #FB 150X1+3/8	
all	7	54M010	GREASEFIT 1/4-28NF-90 PIVOT#ZERT-29	
all	8	15E212	STDSQMACHKEY 5/16X2+1/2 C1018	
all	9	15A021	CARRBOLT 3/8-16 X1.5 ZNC GR 5	
all	10	15G205	HXNUT 3/8-16UNC2B ZINC GR2	
all	11	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	12	15A075	CARBOLT 5/8-11UNC2X1 3/4 ZINC GR2	
all	13	15G238	HXNUT 5/8-11UNC2B SAE ZINC GR2	
all	14	15U314	FLATWASHER(USS STD) 5/8" ZNC PLT	
all	15	15U315	LOKWASHER MEDIUM 5/8 ZINCPL	



LEG EXTENSION ASSEMBLIES

Leg Extensions Assembly

Pellerin Milnor Corporation
P. O. Box 400, Kenner, LA 70063-0400

Litho in U.S.A.

Parts List—Leg Extensions Assembly

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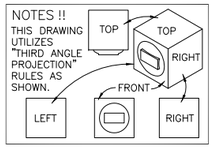
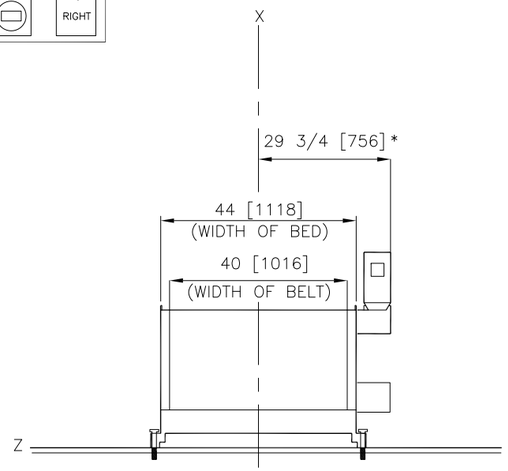
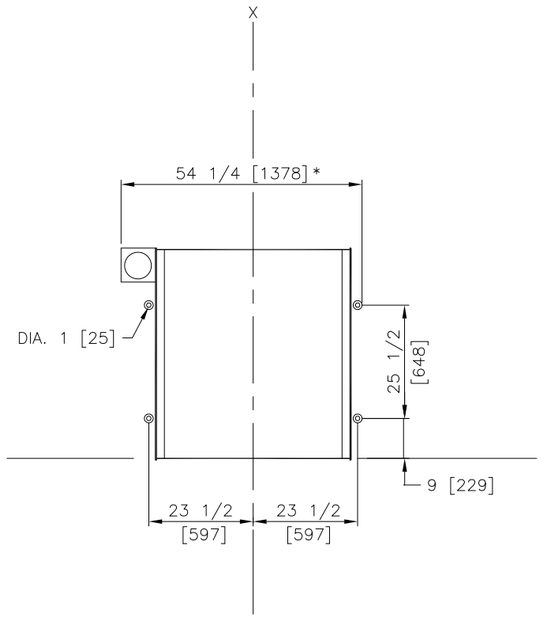
Used In	Item	Part Number	Description	Comments
			----------ASSEMBLIES----------	
			none	
			----------COMPONENTS----------	
all	1	04 20105	81287C MCS ANGLE FOOT EXTEN.ADAPTER	
all	2	04 20106	81287C MCS ANGLE FOOT	
all	3	15A011	CARBOLT 3/8-16UNC2X1 ZINC GR2	
all	4	15G205	HXNUT 3/8-16UNC2B ZINC GR2	
all	5	15U255	LOCKWASHER MEDIUM 3/8 ZINCPL	
all	6	15U240	FLATWASHER(USS STD) 3/8" ZNC PLT	
all	7	04 20102	81287C MCS LEG+BRNG CARRIER BRKT.	
all	8	04 20103	81297C MCS LEG LEG EXTENSION	
all	9	04 20104	81297C MCS ADJUSTABLE LEG EXTENSION	

Dimensional Drawings 3



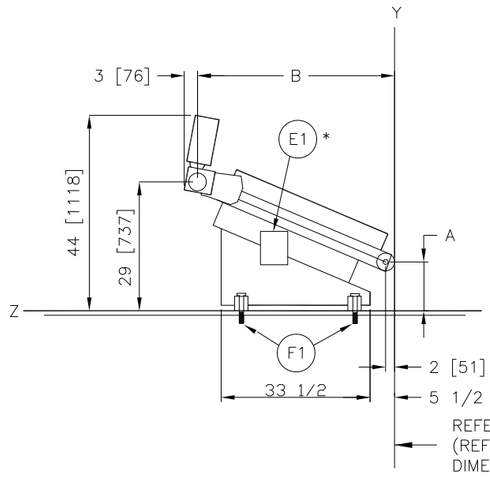


REAR VIEW

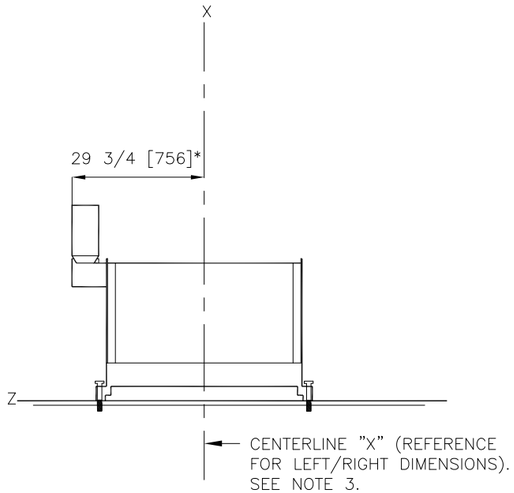


PLAN VIEW

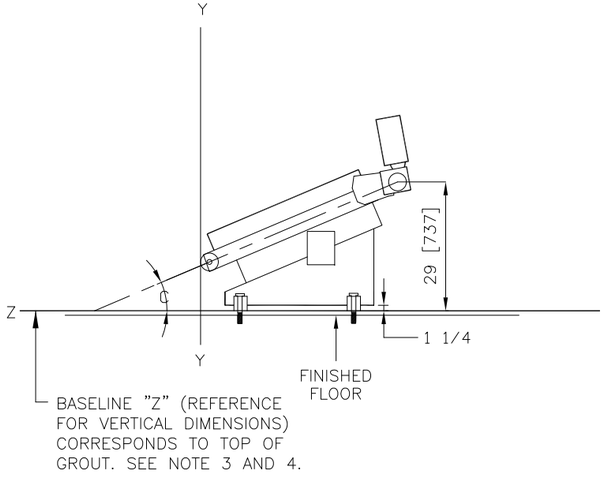
DIMENSIONS THAT VARY WITH MACHINE MODEL					
MODEL	DIMENSION "A" MINIMUM INCHES	mm	DIMENSION "B" INCHES	mm	DIMENSION "C" ANGLE IN ∠ DEGREES
TF60	8	203	43	1092	27°
MP2501	11	279	44 1/4	1124	23°
MP2601	14	356	45 1/2	1156	19°



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

ITEM	LEGEND
F1	ANCHOR BOLTS 5/8" X 4" LONG, NOT SUPPLIED BY P.M.C.
E1	JUNCTION BOX. ELECTRIC POWER CONNECTION FROM PRESS. SEE NOTE 9.

NOTES

*9 DIMENSIONS AND COMPONENTS SHOWN WITH AN ASTERISK MAY BE ON OPPOSITE SIDE. ELECTRICAL BOX AND DRIVE MOTOR ARE MOUNTED ON THE SAME SIDE OF THE COINC (VEIWED IN THE DIRECTION OF THE FLOW OF GOODS).

8 CONVEYOR LENGTH DIMENSIONS SHOWN ARE FOR NEW MACHINE. AFTER MACHINE HAS BEEN COMMISSIONED, BELT MAY STRETCH SLIGHTY. REQUIRING ADJUSTMENT OF BELT ROLLERS AND SLIGHT LENGTHENING OF CONVEYOR.

7 SEE INTERFACE DIMENSIONAL DRAWING FOR RELATIVE POSITIONING OF MACHINES AND HEIGHT OFF FLOOR.

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42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

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4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

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ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

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COINC111, COINC11H

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDCOINC1CE 20091182D

PELLERIN MILNOR CORPORATION
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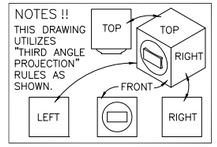
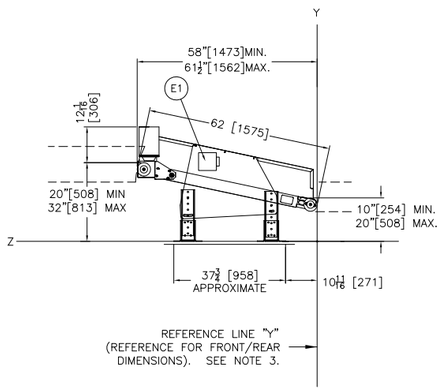
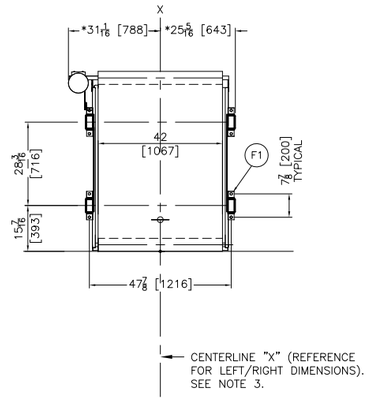
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.

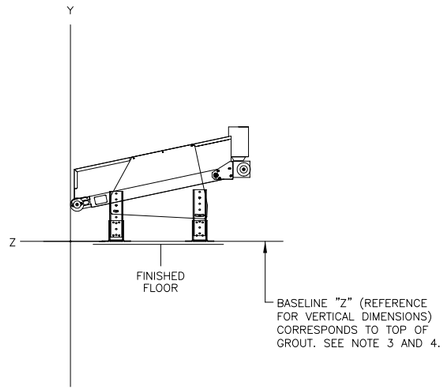




LEFT SIDE VIEW

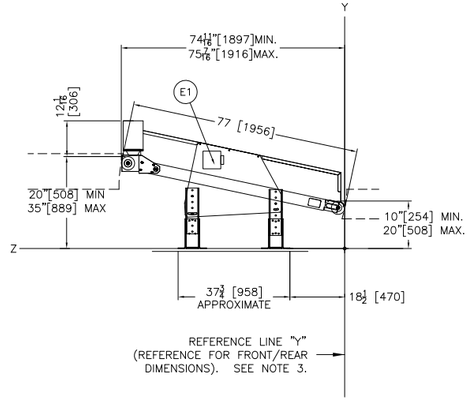


PLAN VIEW

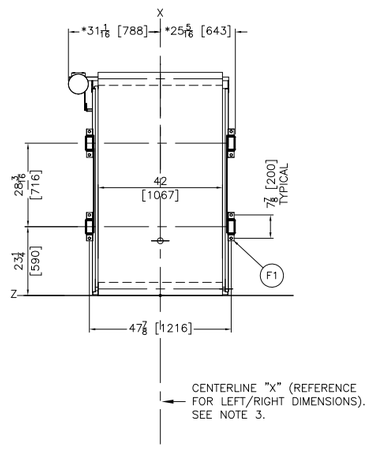


RIGHT SIDE VIEW

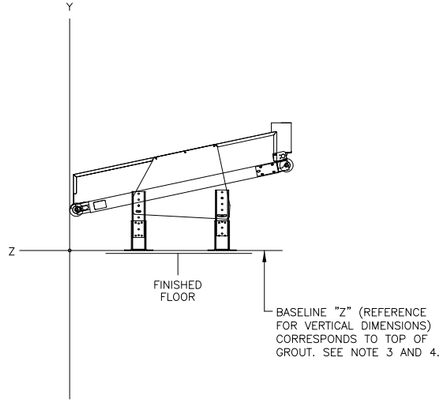
COINC11K



LEFT SIDE VIEW



PLAN VIEW



RIGHT SIDE VIEW

COINC11Q

ITEM	LEGEND
F1	ANCHOR BOLTS 5/8" X 4" LONG, NOT SUPPLIED BY P.M.C.
E1	JUNCTION BOX. ELECTRIC POWER CONNECTION FROM PRESS. SEE NOTE 9.

NOTES

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COINC11K, COINC11Q

DM 0 0.5M 1M
INCHES 0 12 24 36
DWG# BDCOINCQAE 20153302D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

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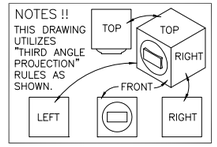
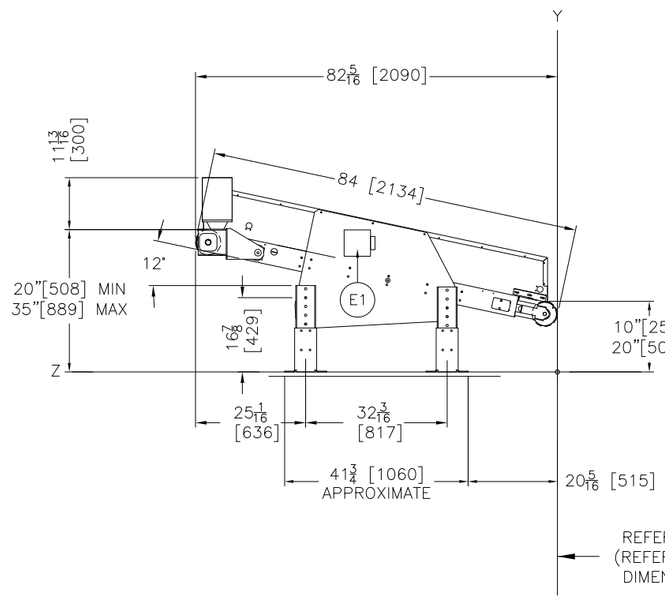
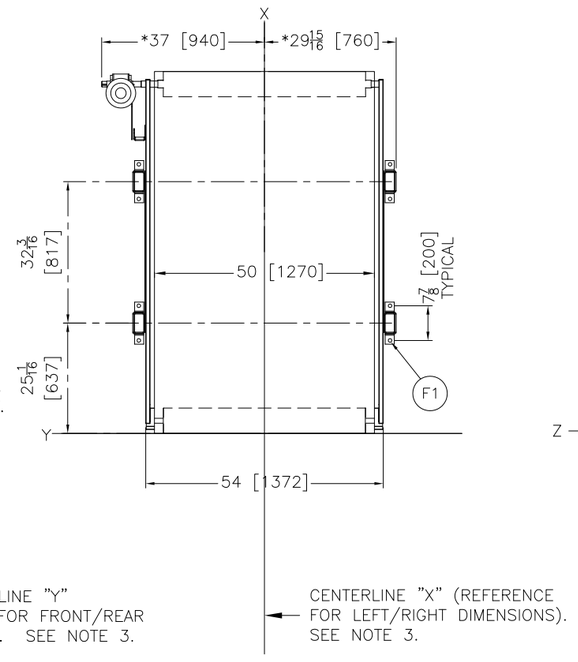
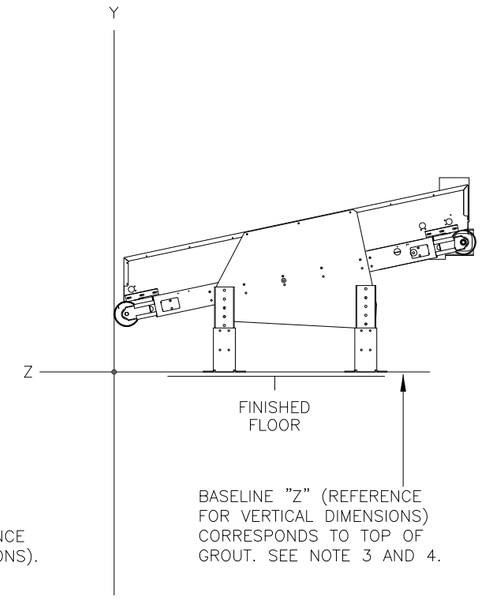




LEFT SIDE VIEW



PLAN VIEW



RIGHT SIDE VIEW

COINC11R

ITEM	LEGEND
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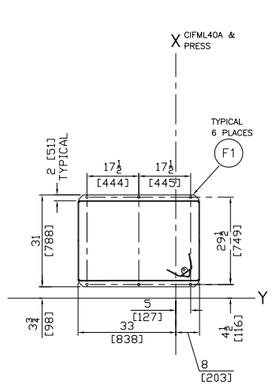
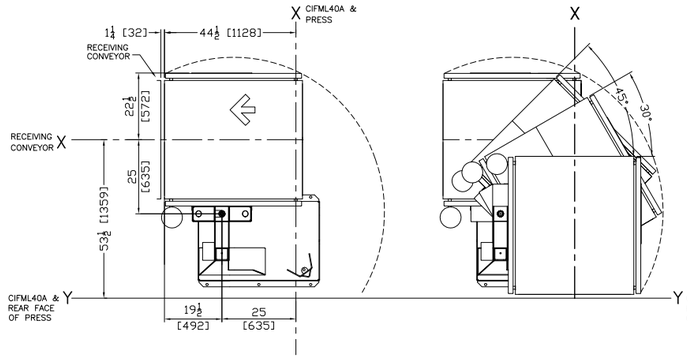
COINC11R

DM 0 0.5M 1M
INCHES 0 12 24 36
DWG# BDCOINCRAE 20153020

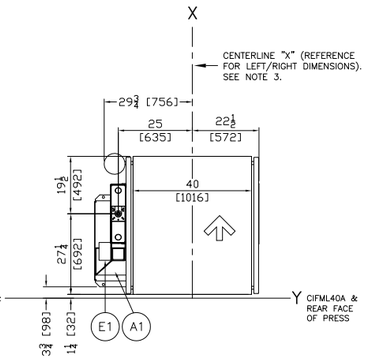
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



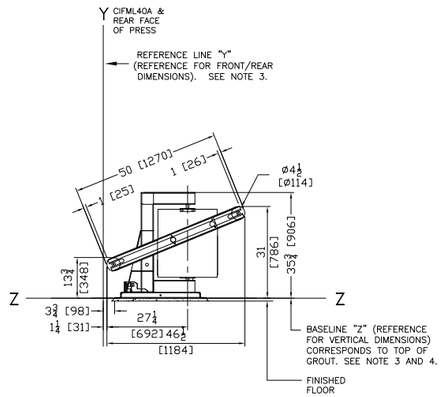
FOUNDATION PLAN



PLAN VIEWS DISCHARGE POSITION

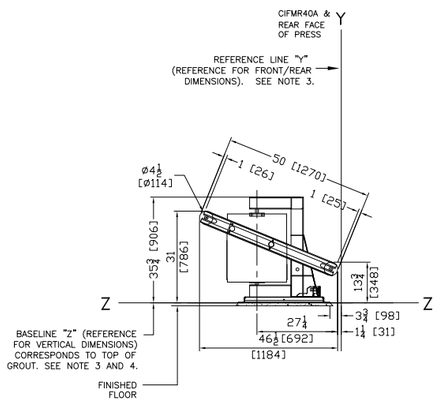


PLAN VIEW RECEIVE POSITION

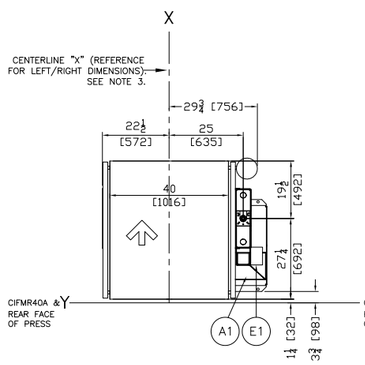


RIGHT VIEW LOAD POSITION

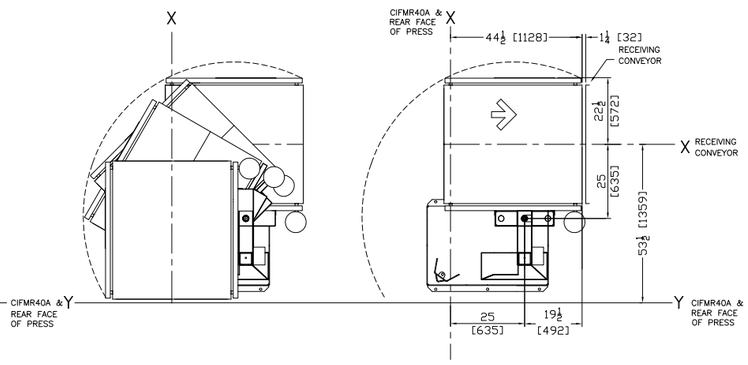
CIFML40A LEFT TURN MID-PIVOT COINC



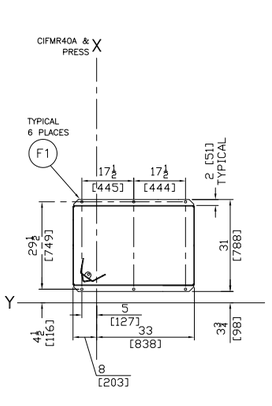
LEFT VIEW LOAD POSITION



PLAN VIEW RECEIVE POSITION



PLAN VIEWS DISCHARGE POSITION



FOUNDATION PLAN

CIFMR40A RIGHT TURN MID-PIVOT COINC

ITEM	LEGEND
F1	ANCHOR BOLT HOLES 3/4"[19] DIAMETER, FOR 1/2"[13] ANCHOR BOLTS
E1	MAIN ELECTRICAL AND CONTROL CONNECTION FROM PRESS
A1	COMPRESSED AIR INLET CONNECTION

NOTES

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48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

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ATTENTION

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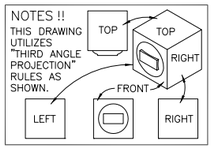
NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



CIFML40A, CIFMR40A

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDCIFM40AE 2012092D

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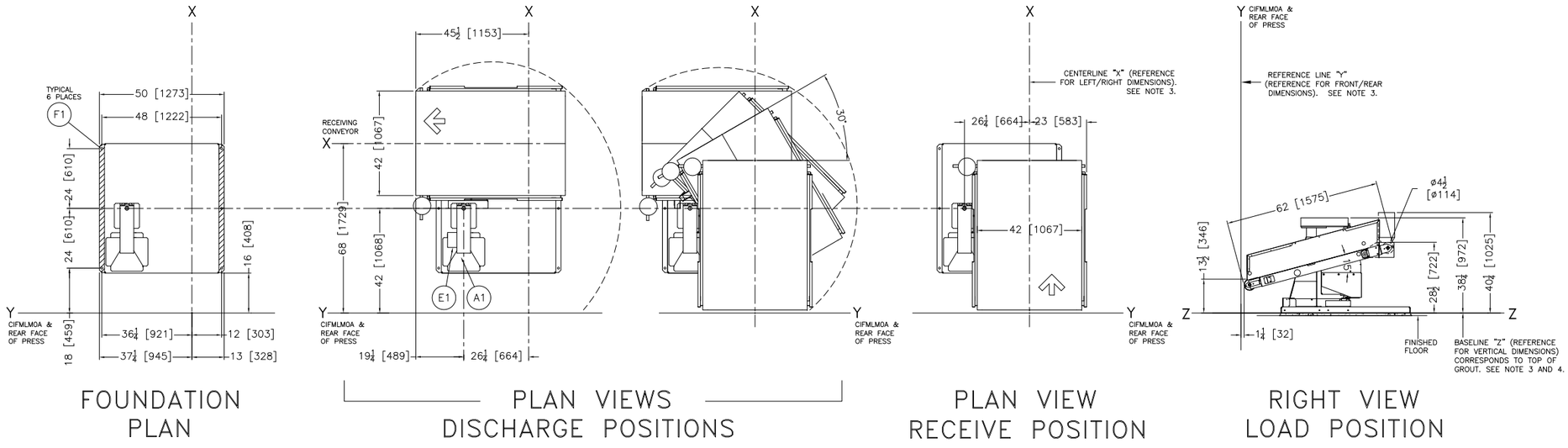
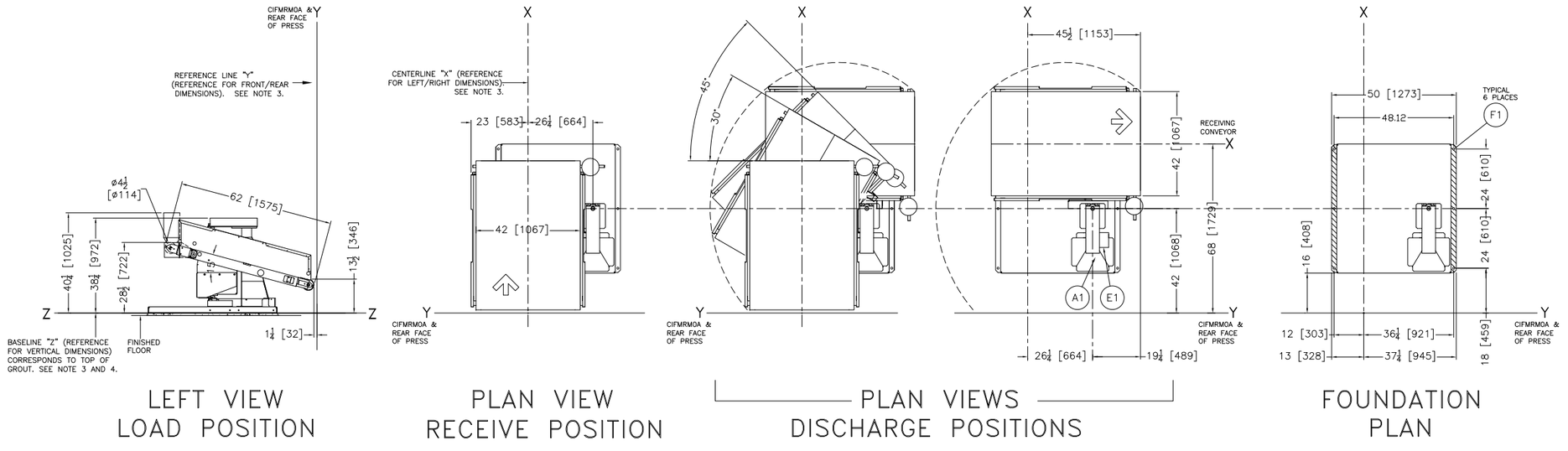
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR



CIFMLM0A LEFT TURN MID-PIVOT COINC



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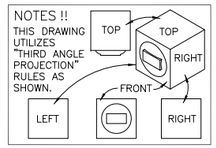

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CIFMLMOA, CIFMRMOA

DWG# BDCIFM62AE
20122262D

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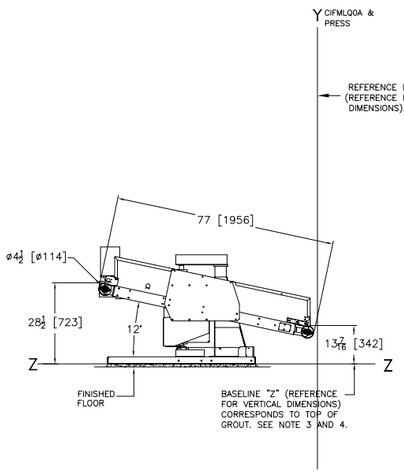
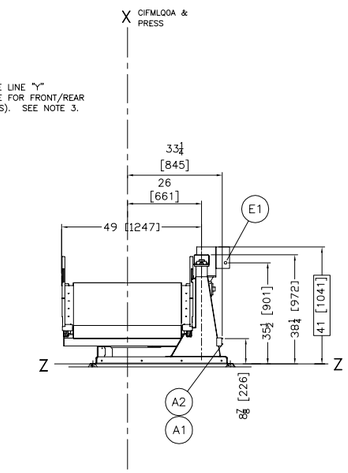
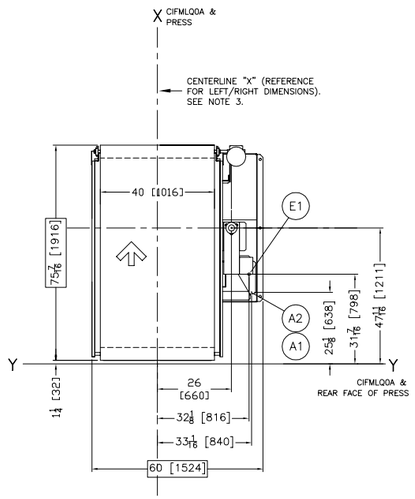
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

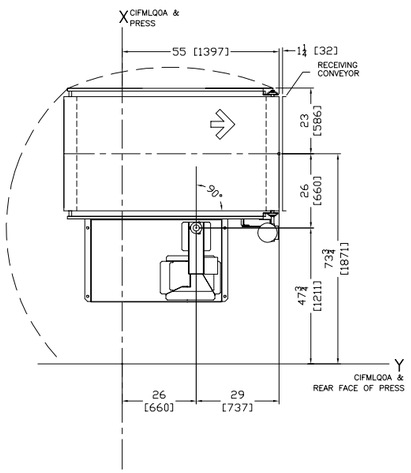


LEFT VIEW

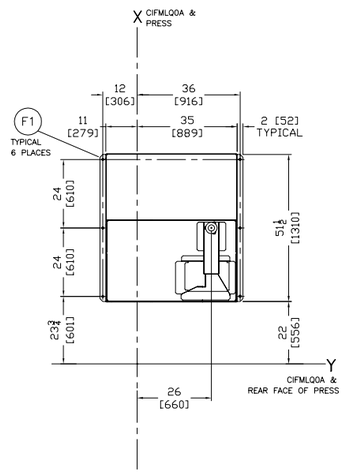


FRONT VIEW



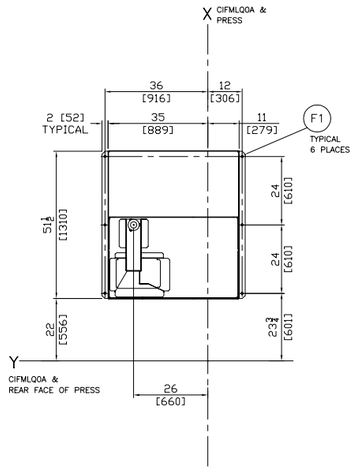


PLAN VIEWS

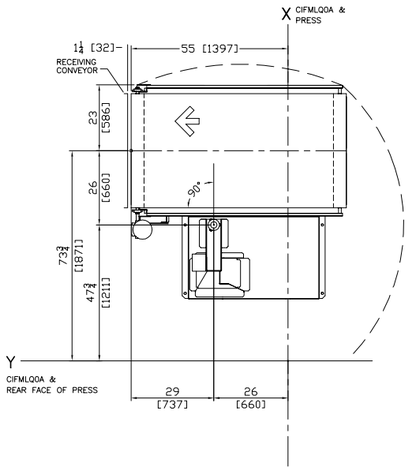


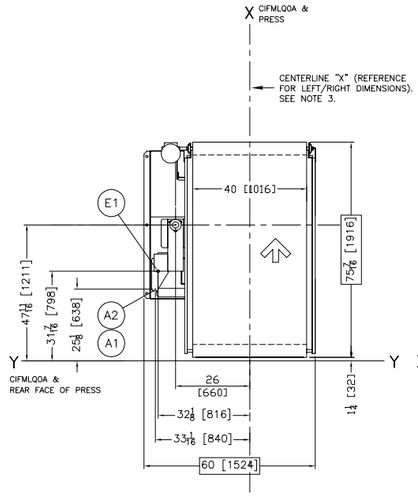
FOUNDATION

CIFMRQ0A LEFT RIGHT MID–PIVOT COINCQ

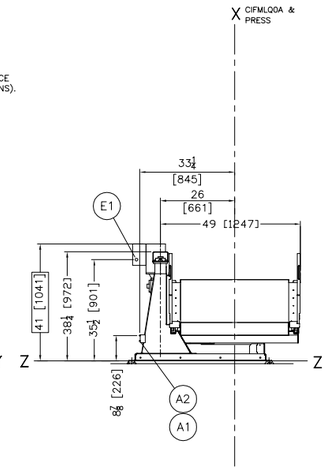


FOUNDATION

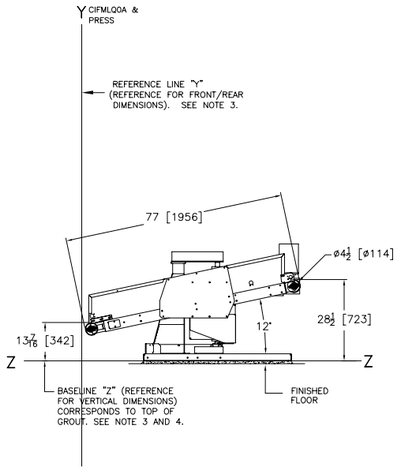




PLAN VIEWS

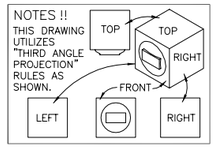


FRONT VIEW



RIGHT VIEW

CIFMLQ0A LEFT TURN MID–PIVOT COINCQ



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CIFMRQ0A, CIFMLQ0A

DWG# BDCIFMLQAE 2007062D

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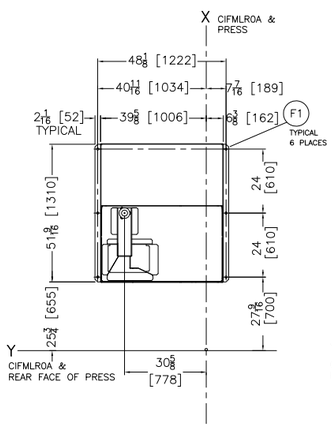
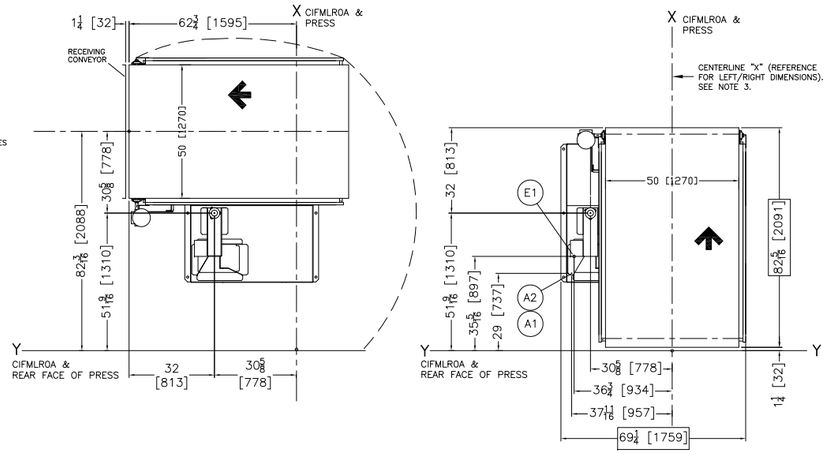
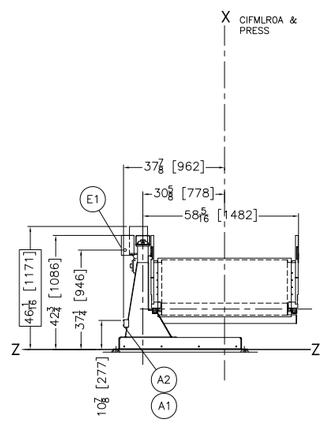
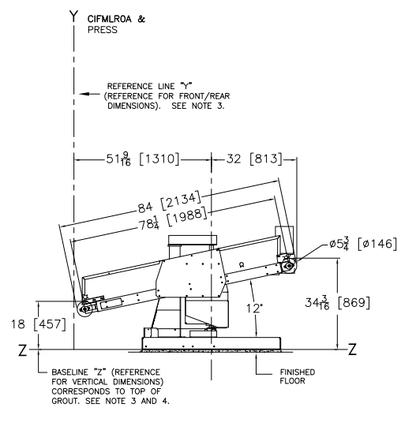


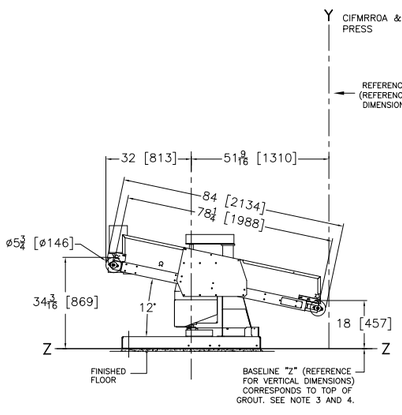


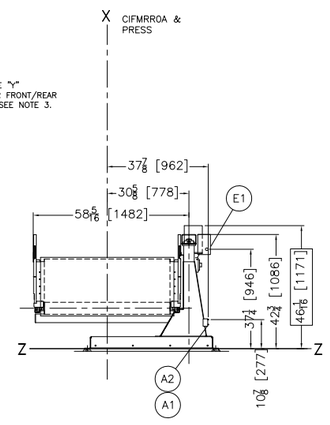


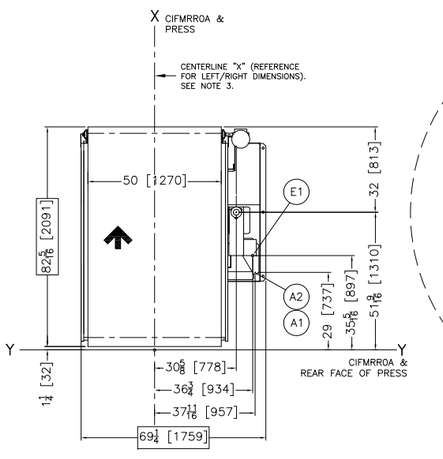


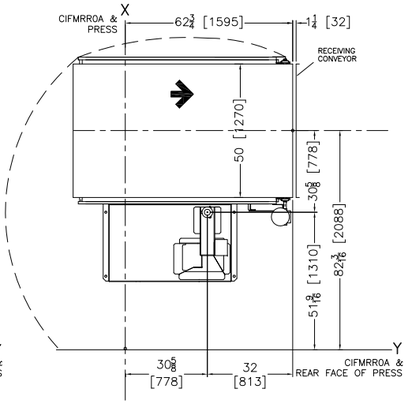
FOUNDATION | PLAN VIEWS | FRONT VIEW | RIGHT VIEW

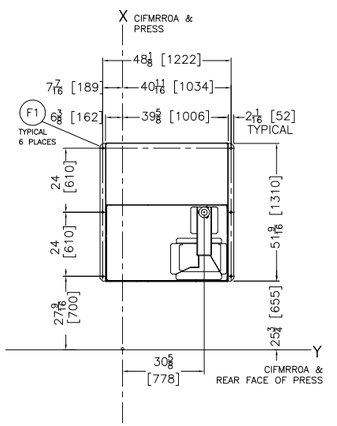
CIFMLR0A LEFT TURN MID-PIVOT COINCR











LEFT VIEW | FRONT VIEW | PLAN VIEWS | FOUNDATION

CIFMRR0A RIGHT TURN MID-PIVOT COINCR

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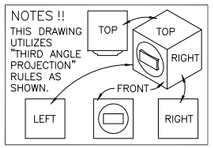

CIFMLR0A, CIFMRR0A

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDCIFMLRBE 2010223D

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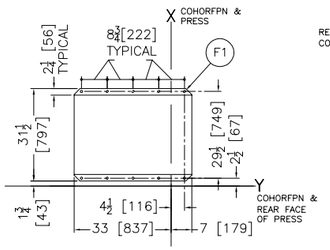
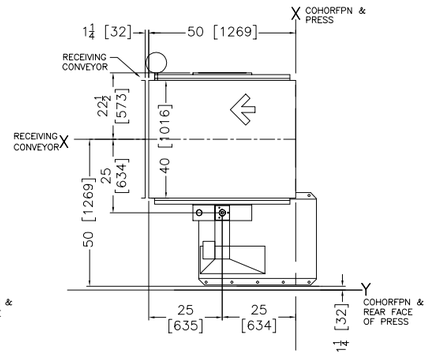
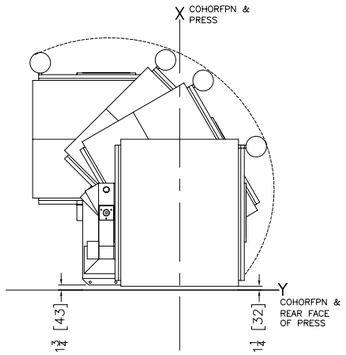
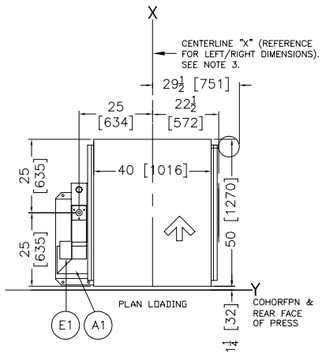


FOUNDATION PLAN

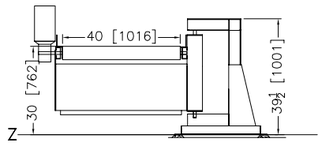




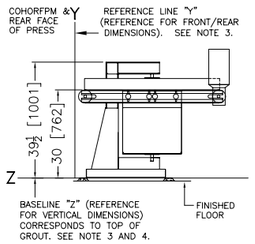
PLAN VIEWS DISCHARGE POSITION



PLAN VIEW RECEIVE POSITION

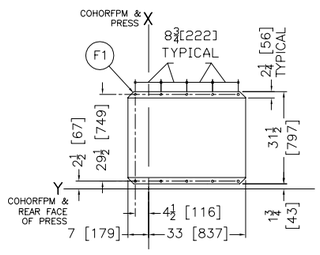


LEFT VIEW DISCHARGE POSITION

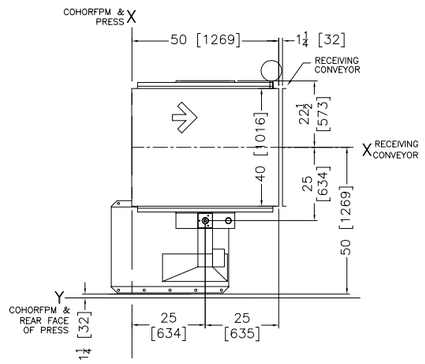


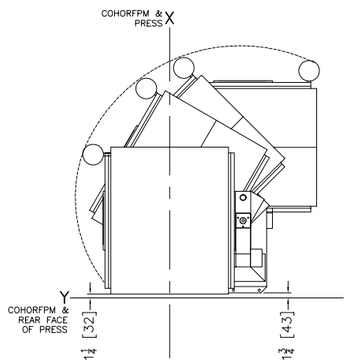
RIGHT VIEW LOAD POSITION

COHORFPN – FREESTANDING HORIZONTAL MID–PIVOT COINC – LEFT TURN

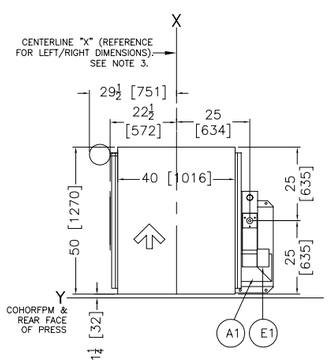


FOUNDATION PLAN

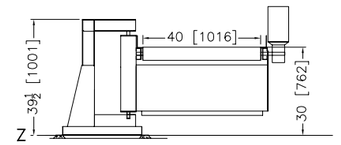




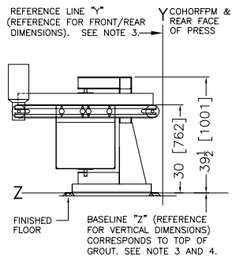
PLAN VIEWS DISCHARGE POSITION



PLAN VIEW RECEIVE POSITION



RIGHT VIEW DISCHARGE POSITION



LEFT VIEW LOAD POSITION

COHORFPM – FREESTANDING HORIZONTAL MID–PIVOT COINC – RIGHT TURN

ITEM	LEGEND
F1	ANCHOR BOLT HOLES 3/4"[19] DIAMETER, FOR 1/2"[13] ANCHOR BOLTS
E1	MAIN ELECTRICAL AND CONTROL CONNECTION FROM PRESS
A1	COMPRESSED AIR INLET CONNECTION

NOTES

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
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48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE REFERENCE FOR ALL VERTICAL DIMENSIONS. ON MACHINES WITH FIXED BASE PADS, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BASE PAD. ON MACHINES WITH ADJUSTABLE FEET, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE FEET WHEN ADJUSTED SO THAT THE MACHINE IS AT ITS MINIMUM ACCEPTABLE HEIGHT. ON TRAVERSING SHUTTLES, BASELINE "Z" CORRESPONDS TO THE BOTTOM OF THE BOTTOM RAIL. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR WILL VARY AS REQUIRED TO ENSURE BASELINE "Z" IS HORIZONTAL AND ANY INTERFACING MACHINES REQUIRING GROUT ARE SET ON A MINIMUM 1"[25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE–PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

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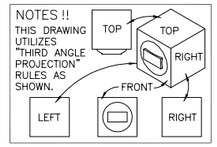
THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.



COHORFPN, COHORFPM

DM 0 0.5M 1M
INCHES 0 12 24 36

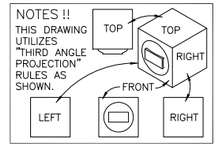
DWG# BDCOHORFAE 2007165D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467–9591,
FAX 504/469–1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

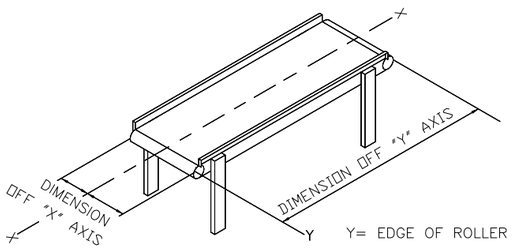
NOMINAL BELT WIDTHS	A		B		C		D		E		F	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
24W	24	610	26	660	29	737	31	787	25 1/2	648	15 1/2	394
36W	36	914	38	965	41	1041	43	1092	31 1/2	800	21 1/2	546
40W	40	1016	42	1067	45	1143	47	1194	33 1/2	851	23 1/2	597
42W	42	1067	44	1118	47	1194	49	1245	34 1/2	876	24 1/2	622
48W	48	1219	50	1270	53	1346	55	1397	37 1/2	953	27 1/2	698
50W	51	1295	53	1346	56	1422	58	1473	39	991	29	737
60W	60	1524	62	1575	65	1651	67	1702	43 1/2	1105	33 1/2	851

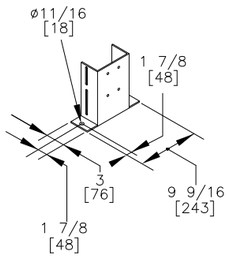
	G	
	INCHES	mm
NO BRAKE	16	406
WITH BRAKE	20	508

NOTES !!
THIS DRAWING UTILIZES "THIRD ANGLE PROJECTION" RULES AS SHOWN.

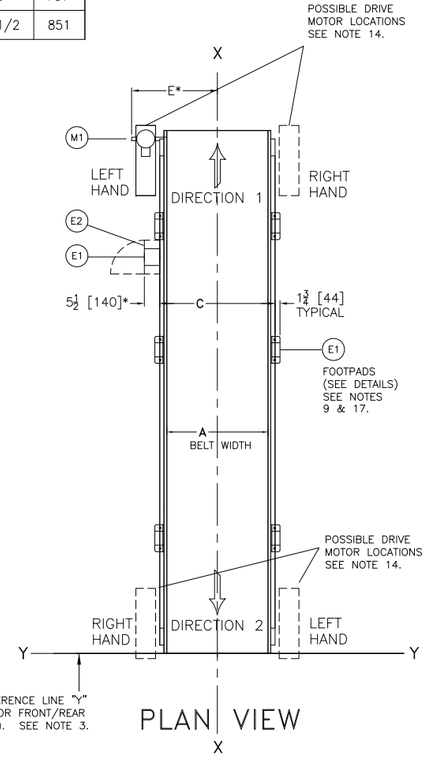


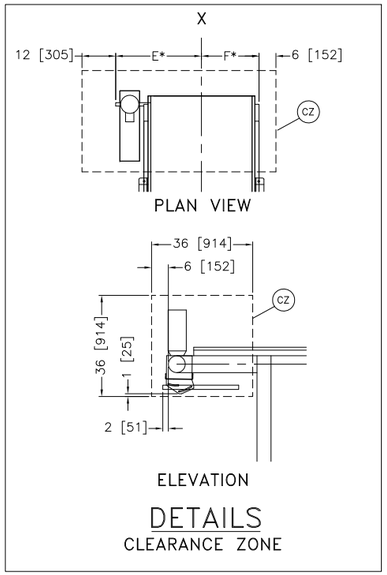
AVAILABLE LEG LENGTHS
9"[229] HIGH
13"[330] TO 17"[432] HIGH
17"[432] TO 21"[533] HIGH
21"[533] TO 26"[660] HIGH
27"[686] TO 39"[991] HIGH
40"[1016] TO 67"[1702] HIGH
68"[1727] TO 105"[2667] HIGH
106"[2692] TO 145"[3683] HIGH

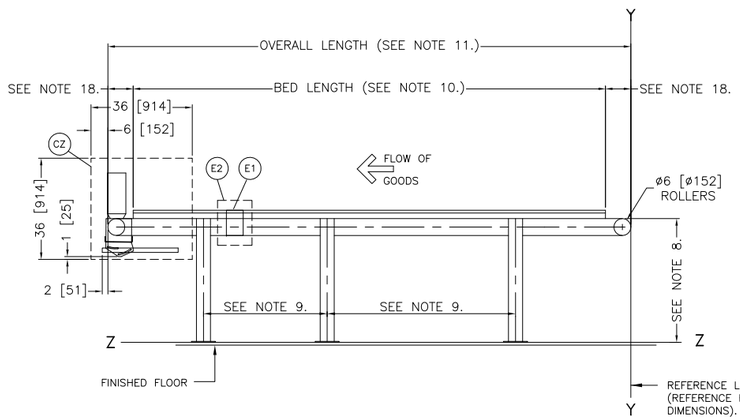




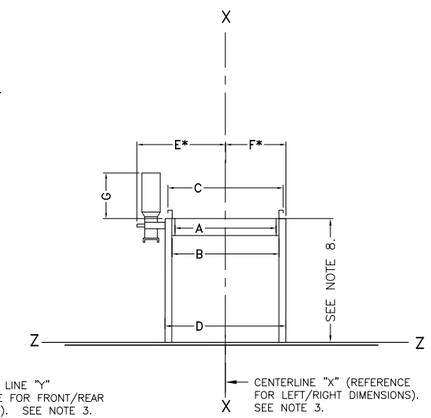
FOOTPAD DETAIL



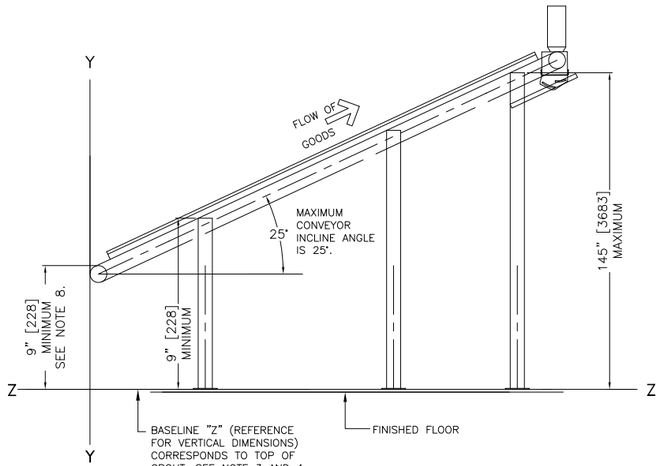




LEFT SIDE VIEW (HORIZONTAL)



LOAD END



RIGHT SIDE VIEW (INCLINED)

M1	BELT DRIVE MOTOR, SEE NOTE 14.
F1	FOOTPADS, SEE NOTES 9 & 17.
E2	ELECTRIC BOX, AS SPECIFIED, SEE NOTE 19.
E1	JUNCTION BOX, STANDARD, SEE NOTE 19.
CZ	CLEARANCE ZONE. SEE NOTE 20.
ITEM	LEGEND

NOTES

20 CLEARANCE ZONE MUST BE FREE FROM ANY OBSTRUCTIONS.

19 JUNCTION BOX OR ELECTRIC BOX WILL BE INSTALLED ON THE SIDE OF THE CONVEYOR NEAR MOTOR'S TORQUE ARM. JUNCTION BOXES ARE STANDARD, BUT ELECTRICAL BOXES MAY BE REQUIRED PER SPECIFICATIONS.

18 ROLLER MOUNTING LENGTH. THREE BEARING BRACKETS ARE AVAILABLE IN LENGTHS OF 9" [229], 15" [381] AND 21" [533].

17 ANCHOR BOLT HOLES FOR TWO 1/2"[13] DIA. ANCHOR BOLTS PER LEG. ANCHOR BOLT HARDWARE IS NOT SUPPLIED BY PELLERIN MILNOR CORPPORATION.

16 ALL DIMENSIONS MARKED WITH AN (*) ASTERISK MAY BE LOCATED ON THE RIGHT OR LEFT SIDE.

15 AFTER MACHINE HAS BEEN COMMISSIONED, BELT MAY STRETCH SLIGHTLY REQUIRING ADJUSTMENT OF BELT ROLLERS AND SLIGHT LENGTHENING OF CONVEYOR.

14 MOTORS MAY BE MOUNTED ON LEFT OR RIGHT SIDE OF CONVEYOR. MOTORS ARE MOUNTED ON THE DISCHARGE END TO PULL THE GOODS. REVERSING CONVEYORS OVER 16FT. [4877] IN LENGTH REQUIRE A MOTOR AT EACH END. (MAXIMUM OF FOUR DRIVES PER CONVEYOR.) ALL MOTORS ON ANY CONVEYOR MUST BE THE SAME HP. (SEE PRICE LIST).

13 ALL CONVEYORS ARE SHIPPED FULLY ASSEMBLED, EXCEPT AS FOLLOWS: LEGS AND SIDE EXTENDERS ARE MARKED WITH TAGS OR ILLUSTRATED BY A SHOP

12 USE SMOOTH TOP GREY BELTS ON: 1) ALL CONVEYORS WITH INCLINES OF 15 DEGREES OR LESS, 2) ANY CONVEYOR THAT DISCHARGES TO A LEFT TURN OR RIGHT TURN TAKE-AWAY CONVEYOR, WITH A DROP HEIGHT LESS THAN 60 INCHES.

USE WAVY TOP GREY BELTS (RIPPLE BELTS) ON CONVEYORS THAT HAVE AN INCLINE OF MORE THAN >15 DEGREES AND DO NOT DISCHARGE TO A LEFT TURN OR RIGHT TURN TAKE-AWAY CONVEYOR. CONVEYORS MAY BE FLAT OR INCLINED UP TO 25 DEGREES.

*CONSULT MILNOR FOR RECOMMENDATIONS WHEN SEVERAL CAKES OCCUPY A CONVEYOR SIMULTANEOUSLY, OR IF A CONVEYOR IS INCLINED MORE THAN 25 DEGREES, OR IS LONGER THAN 22 FT [6706].

11 OVERALL LENGTH: STANDARD LENGTHS ARE AVAILABLE IN INCREMENTS OF 12"[305], FROM 5-1/2 FT [1676] TO 50-1/2 FT [15392]. NON-STANDARD LENGTH ADDITIONS IN INCREMENTS OF 1"[25] TO 11"[279] CAN BE ACHIEVED BY ADJUSTING OR USING DIFFERENT ROLLER SUPPORT BRACKETS.

10 CONVEYOR BED SECTIONS: AVAILABLE IN 12[305] INCREMENTS FROM 4 FT.[1219] TO 49FT.[14935] EXCEPT FOR *5FT[1524], USING VARIOUS COMBINATIONS OF THE BED SECTION LENGTHS, 4FT [1219], 6FT [1829], 7FT [2134] OR 9FT [2743].
*5FT [1524] IS NOT AVAILABLE.

9 IF A CONVEYOR IS COMPOSED OF TWO OR MORE CONVEYOR SECTIONS (4FT [1219], 7 FT [2134], OR 9FT [2743] LENGTHS) THE LONGEST LENGTH IS INSTALLED ON THE LOAD END. FOUR LEGS WILL BE SUPPLIED WITH THE FIRST SECTION AND TWO ADDITIONAL LEGS WILL BE SUPPLIED WITH EACH ADDITIONAL 10' [3048] SECTION OR FRACTION THEREOF. LEGS WILL BE EVENLY SPACED (APPROXIMATELY) ALONG THE CONVEYOR LENGTH.

NOTE: IT IS NOT POSSIBLE TO INDICATE PRECISELY WHERE CONVEYOR LEGS WILL BE LOCATED, IF LEGAL CONDITIONS (IE: EXISTING DRAIN SUMP LOCATIONS) NECESSITATE THAT LEGS ARE MOUNTED AT SPECIFIC LOCATIONS, CONTACT THE MILNOR FACTORY.

8 BELT HEIGHT & LEGS ARE AVAILABLE IN FIXED LENGTHS THAT YIELD BELT HEIGHTS OF 9" [229] AND 13" [330] AND IN ADJUSTABLE LENGTHS THAT YIELD BELT HEIGHTS BETWEEN 13"[330] AND 145"[3683] IN 1"[25] INCREMENTS, SEE TABLE.

7 WHENEVER PREPAIRING DRAWINGS ON WHICH THIS MACHINE APPEARS AND WHEN PREPAIRING THE SITE FOR INSTALLATION OF THIS MACHINE IT IS RECOMMENDED TO FIRST LOCATE REFERENCE LINES "X", "Y" AND "Z", THEN LOCATE ALL SERVICE CONNECTIONS OFF OF THESE LINES.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

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4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

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FLATBELT CONVEYORS

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDCONVR1AE 2010252D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Email: mktg@milnor.com

ADDITIONAL SIDE AND END MEMBERS FOR VARYING CONFIGURATIONS: (SEE OTHER SIDE)

DESCRIPTION OF OPTIONAL EQUIPMENT

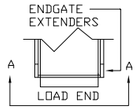
ENDGATE : LOCATED ON ONE END OF CONVEYORS TO KEEP GOODS FROM FALLING OFF OF THE BELT.

CONVEYOR FLAIRSIDES : SIDE MEMBERS WIDEN LOAD END OF CONVEYOR BY 42" [1067] AND NARROW IT TO STANDARD DISCHARGE WIDTH.

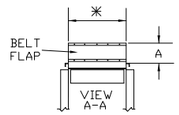
FLAIRSIDE ENDGATE : USED IN CONJUNCTION WITH CONVEYOR FLAIRSIDES, FLAIRSIDE ENDGATE FUNCTIONS THE SAME AS ENDGATE ON STANDARD CONVEYORS.

ENDGATE

OPTIONAL ENDGATE EXTENDERS



PLAN VIEW

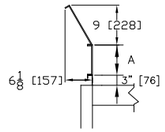


A = 9" [229], 12" [305], 18" [457], 21" [533], 24" [610], 27" [686], 30" [762], 36" [914]

✳ AVAILABLE IN ALL CONVEYOR WIDTHS.

✳ SIDE MEMBERS FOR VARYING HEIGHTS & CONFIGURATIONS

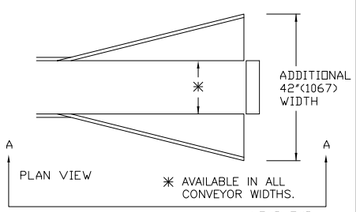
FLATSIDE EXTENDER

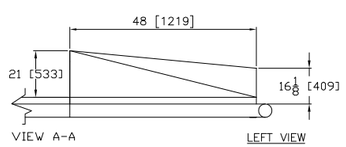


A = 9" [229], 12" [305], 18" [457], 21" [533], 24" [610], 27" [686], 30" [762], 36" [914]

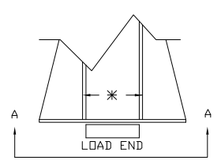
STRAIGHT EXTENDERS PLUS 30° ANGLE EXTENDER

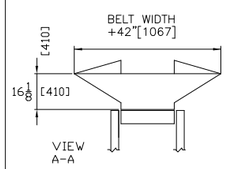
CONVEYOR FLAIRSIDES





FLAIRSIDE ENDGATE:



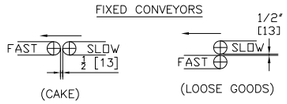


RECOMMENDED INTERFACES FOR VARIOUS TRANSFER CONDITIONS

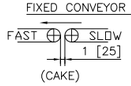
SAME SPEED OR SLOW-TO-FAST TRANSFER INTERTFACE.

HORIZONTAL TRAVEL

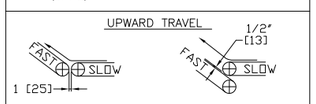
FIXED CONVEYORS



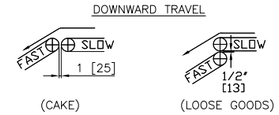
FIXED CONVEYOR TO SHUTTLE INTERFACE



UPWARD TRAVEL

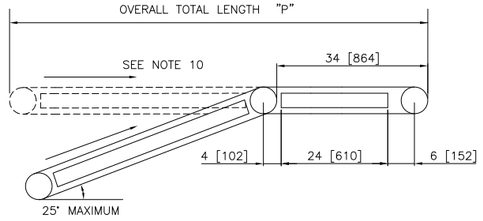


DOWNWARD TRAVEL



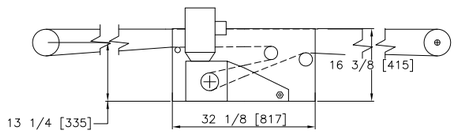
OPTIONAL NOSEOVER CONVEYOR

P = OVERALL TOTAL LENGTH OF TYPICAL CONVEYOR ('H' ON DIMENSIONAL DRAWING BDCONVR1AE [FRONT VIEW]) + 34" [864] (NOSEOVER LENGTH)



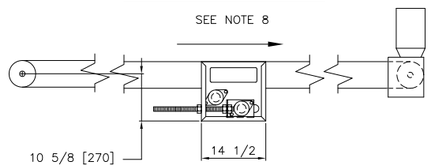
OPTIONAL UNDER-DRIVE UNIT

SEE NOTE 7



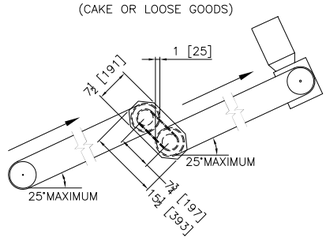
OPTIONAL UNDER BED TENSIONER

SEE NOTE 8



OPTIONAL CONVEYOR COUPLER

SEE NOTE 9
(CAKE OR LOOSE GOODS)



NOTES

11 ONLY CONVEYORS OF THE SAME SPEED OR SLOW-TO-FAST BELT SPEEDS MAY BE INTERFACED. A FAST-TO-SLOW INTERFACE SHOULD NEVER BE ATTEMPTED.

10 THE OPTIONAL NOSEOVER SLIDER BED END EXTENSION ADDS A 24" [610] HORIZONTAL BED EXTENSION TO THE DISCHARGE END OF AN INCLINED CONVEYOR. ESPECIALLY USEFUL WHEN LOOSE GOODS DISCHARGE INTO A CART OR SLING SYSTEM.

9 THE CONVEYOR COUPLER IS USED TO DRIVE TWO IN-LINE CONVEYORS AT THE SAME SPEED BY A SINGLE DRIVE. IF AN OPTIONAL UNDER-DRIVE IS USED IT CAN BE MOUNTED ON WHICHEVER CONVEYOR IS THE MOST CONVENIENT; OR AN END-DRIVE CAN BE MOUNTED ON THE DISCHARGE END OF THE CONVEYOR.

8 OPTIONAL "UNDER BED TENSIONER" CAN BE USED IF SPACE REQUIREMENTS PROHIBIT LENGTHENING THE CONVEYOR WHEN TENSIONING THE BELT. THIS OPTION IS NOT NECESSARY IF THE CONVEYOR HAS AN UNDER-DRIVE. (OPTIONAL.)

7 GENERALLY, UNDER-DRIVES ARE USED FOR LONGER REVERSING CONVEYORS. IN MOST APPLICATIONS, A SINGLE APPROPRIATELY SIZED UNDER-DRIVE WILL SUFFICE FOR ANY REVERSING CONVEYOR. UNDER-DRIVES (OR UNDER-BELT TENSIONERS) SHOULD ALSO BE USED FOR CERTAIN FIXED LENGTH CONVEYORS THAT CANNOT BE ADJUSTED BY MOVING EITHER END ROLL.

6 AS OF THIS WRITING, THE MINIMUM CLEARANCE REQUIRED BY U.S. NATIONAL ELECTRIC CODES, FROM ELECTRIC BOX TO ANY OBJECT IS:
36 [914] IF OBJECT IS AN UNGROUNDED (INSULATED) WALL.
42 [1067] IF OBJECT IS A GROUNDED WALL (ie. BARE CONCRETE, BRICK, ETC.)
48 [1219] IF OBJECT IS ANY LIVE PART.
CHECK LOCAL ELECTRIC CODES FOR FURTHER RESTRICTIONS.

5 CUSTOMER TO SUPPLY CIRCUIT BREAKER OR FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES FROM POWER SOURCE TO MACHINE. A SEPARATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

4 BASELINE "Z" IS THE SAME FOR ALL MILNOR MACHINES AND IS SHOWN ON ALL DIMENSIONAL DRAWINGS. THE DISTANCE BETWEEN BASELINE "Z" AND THE FINISHED FLOOR MAY VARY (WITH CHANGES IN FLOOR HEIGHT) AS REQUIRED TO INSURE THAT BASELINE "Z" IS HORIZONTAL AND ALL COMPONENTS REQUIRING GROUT ARE SET ON A MINIMUM 1" [25] THICK GROUT BED.

3 USE REFERENCE LINES "X", "Y", AND "Z" TO LOCATE ALL SERVICE CONNECTIONS.

2 NUMBERS IN BRACKETS [] DENOTE DIMENSIONS IN MILLIMETERS.

1 ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED, AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW CORRIDORS OR OPENINGS.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC., NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

ATTENTION

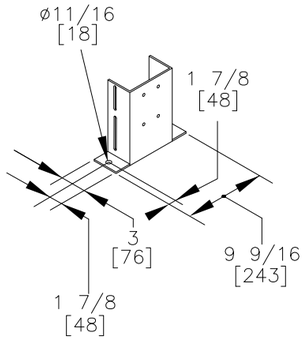
THE FLOOR AND/OR OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND ANY REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE THE FACTORY FOR ADDITIONAL MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

FLATBELT/CAKEMOVING CONVEYOR

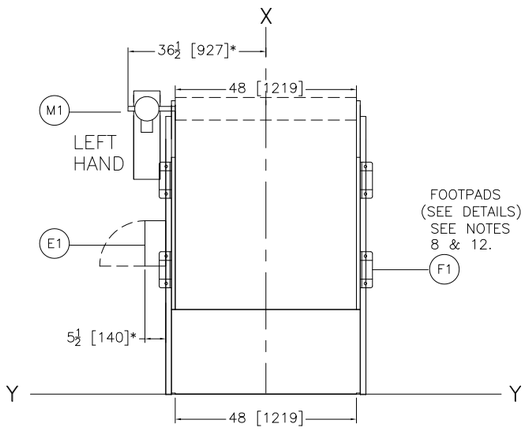
DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDCONVR1AB
2010184D

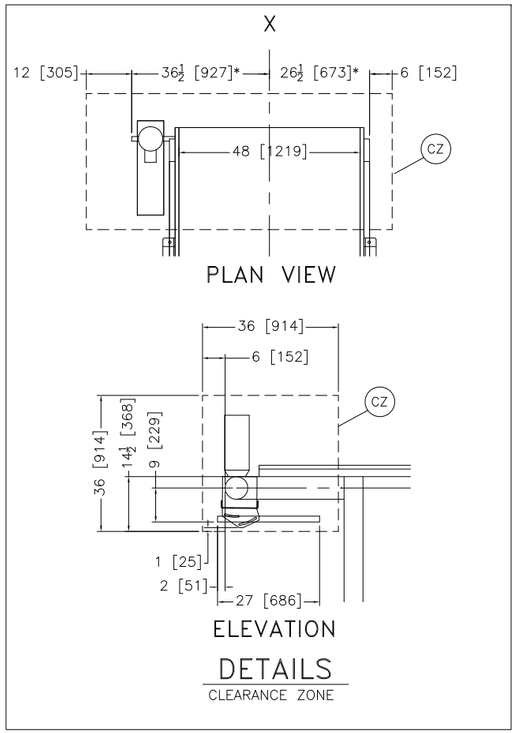
PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Telex ITT 460124/PELM UI, Cable PELMILNOR

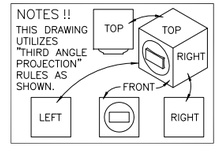


FOOTPAD DETAIL



PLAN VIEW





AVAILABLE LEG LENGTHS
9"[229] HIGH
13"[330] TO 17"[432] HIGH
17"[432] TO 21"[533] HIGH
21"[533] TO 26"[660] HIGH
27"[686] TO 39"[991] HIGH
40"[1016] TO 67"[1702] HIGH
68"[1727] TO 105"[2667] HIGH
106"[2692] TO 145"[3683] HIGH

ITEM	LEGEND
M1	BELT DRIVE MOTOR, SEE NOTE 9.
F1	FOOTPADS, SEE NOTES 8 & 12.
E1	ELECTRIC BOX, SEE NOTE 13.
CZ	CLEARANCE ZONE. SEE NOTE 14.

NOTES
18 THE INCLINE ANGLE IS NOT TO EXCEED 25° DEGREES.
17 REFERENCE LINE "Y" OF THE NO DRY ENDGATE IS THE SAME AS THE "Y" OF THE DRYER.
16 THE LOAD HEIGHT IS EQUAL TO OR LESS THAN THE DRYER DOOR HEIGHT.
15 THIS DIMENSION IS BASED ON THE LOAD HEIGHT OF 6458 DRYERS WITH ZERO 0" PEDESTALS.
14 CLEARANCE ZONE MUST BE FREE FROM ANY OBSTRUCTIONS.
13 AN ELECTRIC BOX WILL BE INSTALLED ON THE SIDE OF THE CONVEYOR NEAR THE MOTOR'S TORQUE ARM.
12 ANCHOR BOLT HOLES FOR TWO 1/2"[13] DIA. ANCHOR BOLTS PER LEG. ANCHOR BOLT HARDWARE IS NOT SUPPLIED BY PELLERIN MILNOR CORPPORATION.
11 ALL DIMENSIONS MARKED WITH AN (*) ASTERISK MAY BE LOCATED ON THE RIGHT OR LEFT SIDE.
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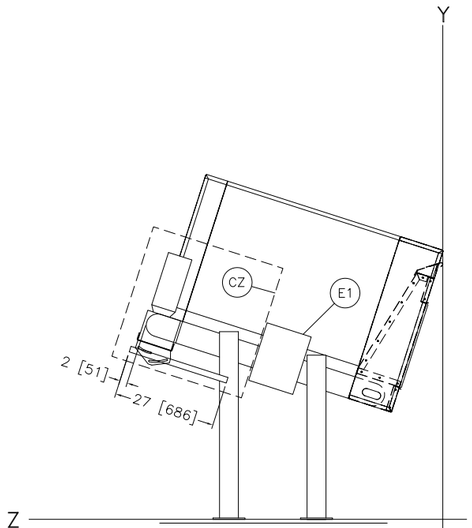
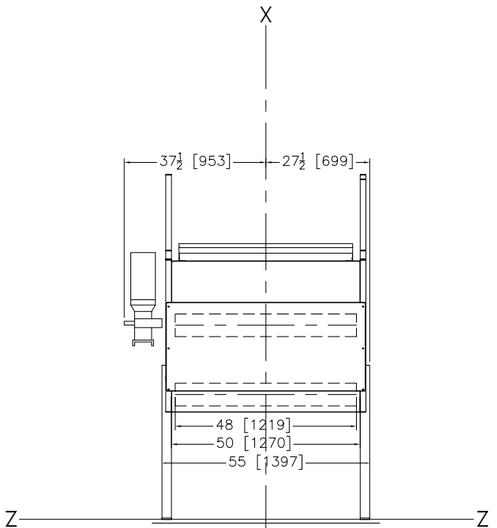


LEFT SIDE VIEW



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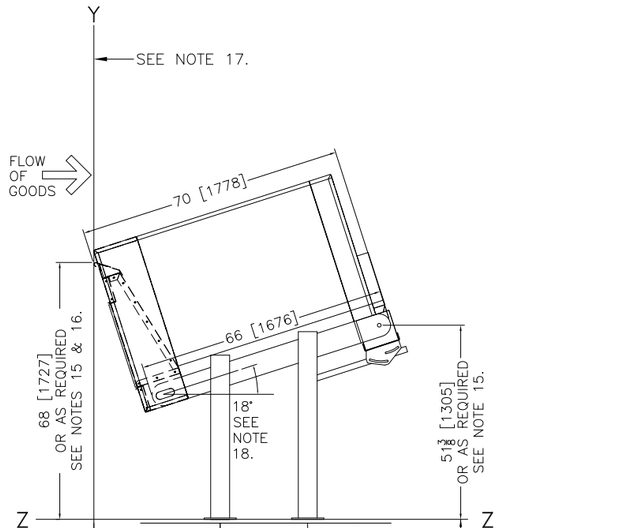

RIGHT SIDE VIEW

CONVEY 48 & NO DRY ENDGATE

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDNDRY48AE
2011122D

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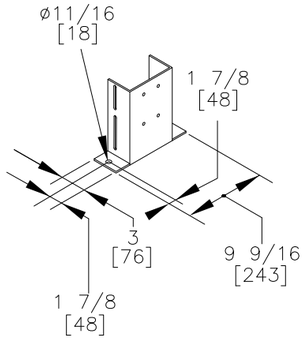
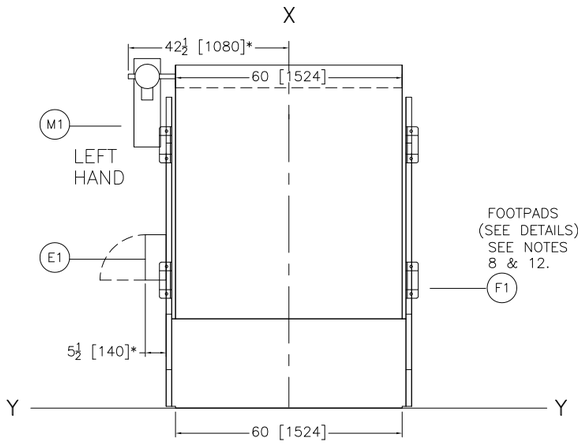
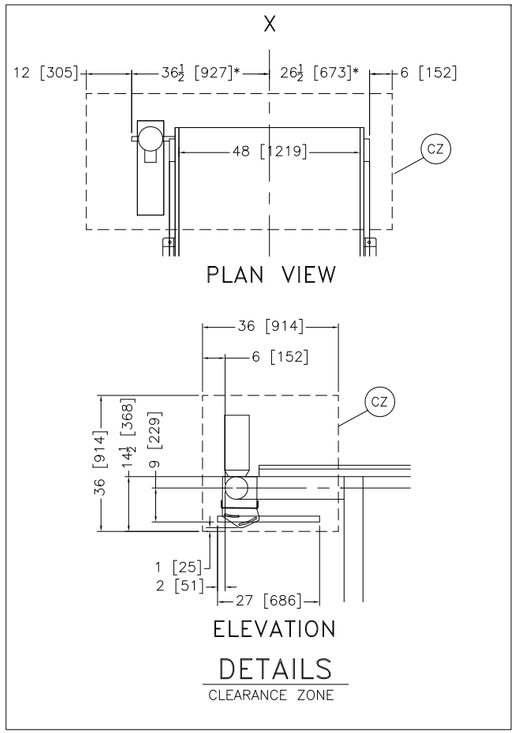
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
FAX 504/469-1849, Email: mktg@milnor.com



FOOTPAD DETAIL

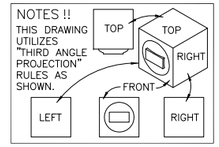


PLAN VIEW



DETAILS

CLEARANCE ZONE



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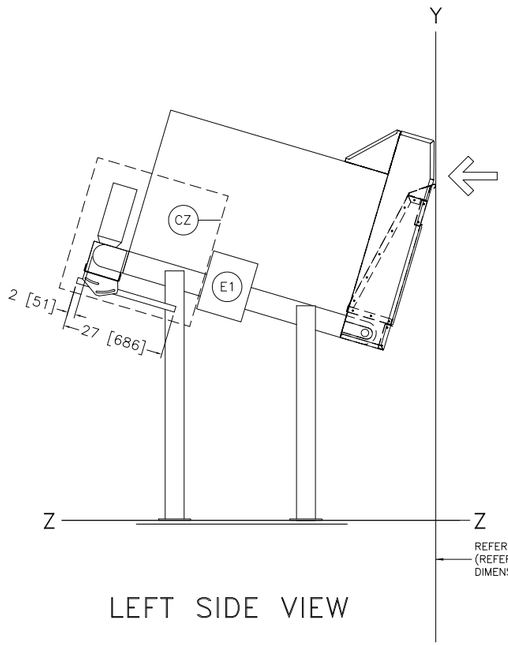
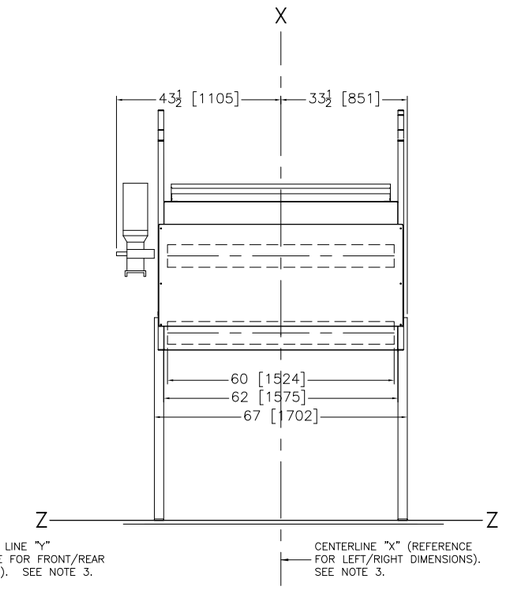


LEFT SIDE VIEW



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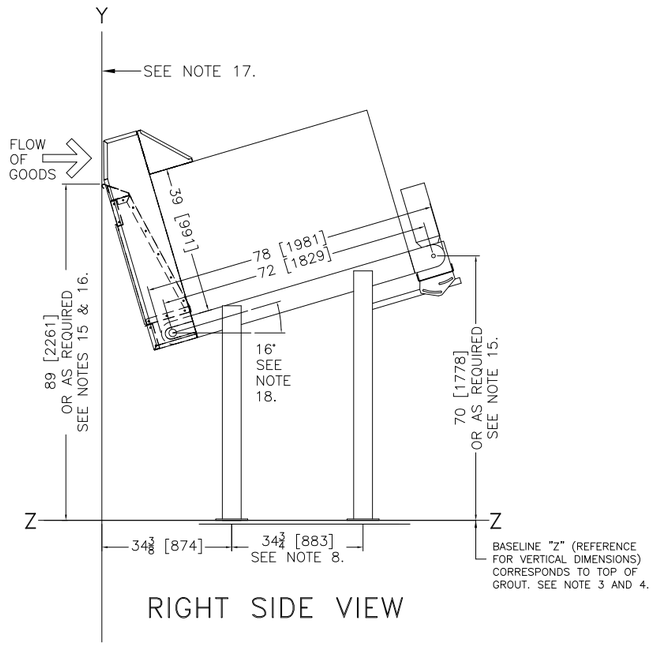

RIGHT SIDE VIEW

ITEM	LEGEND
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CONVEY 60 & NO DRY ENDGATE

DM 0 0.5M 1M
INCHES 0 12 24 36

DWG# BDNDRY60AE
2011122D

PELLERIN MILNOR CORPORATION
P.O. Box 400 Kenner, LA 70063, USA, Phone 504/467-9591,
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