SAGER A Spreader

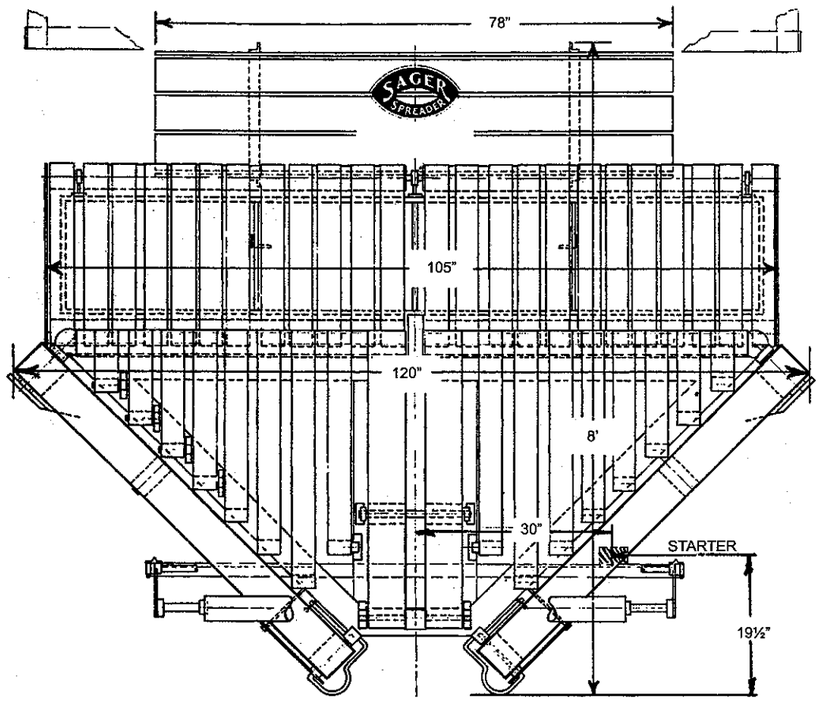
The Model A Sager Spreader is manufactured and distributed by Electrical Engineering & Equipment Co.

Remember to always provide the spreader's model and serial number when ordering parts.

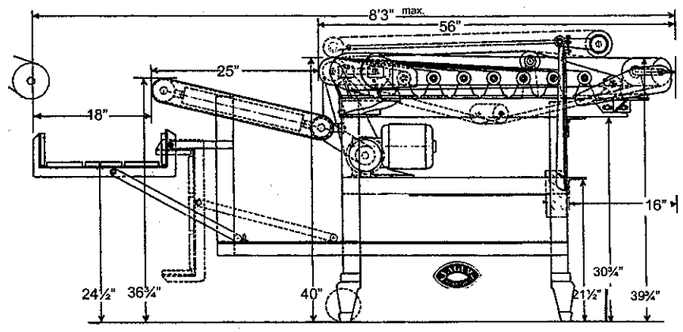
1808 Delaware Ave
Des Moines, IA 50317
Phone: 515.266.8890
Fax: 515-266-1181

www.3e-co.com

3E
Est. 1930
ELECTRICAL ENGINEERING
& EQUIPMENT COMPANY



Additional space required for type and kind of damp box.



Spreader Operating Instructions

Many methods have been developed for bringing the flatwork to the spreader operator, by trucks of many types or by conveyors. If the large pieces are taken from open top extractors they may be fed by the operator from the conveying truck or damp box directly to the spreader.

If dump type extractors are used, the goods should be tumbled in order to loosen them so they may be properly and quickly handled ahead of the spreader.

1) Lower the pressure roll by lifting it then turning the relief blocks outward.
2) The operator stands directly ahead of the spreader with damp pieces on either side and with space ahead, sufficiently open to permit the pieces to drop or hand down before going into the spreader.
3) The operator selects each piece along the salvage edge, quickly approximating the middle, holding the piece in both hands, 25 to 30 inches apart. Raise the piece up and over the diagonal belts and pressure roll, then drop it so that the piece may be carried forward by the diagonal and center high belts and under the hold-down belts.

The leading edge into the spreader doesn't need to be straightened, this edge is not fed into the ironer. The leading edge passes onto the conveyor and into the delivery box. The following edge or last part over the spreader will be straightened out, as it reaches the conveyor it is taken by the feeders and placed on ironer feed ribbons.

The start and stop switch is located by the spreader operator.

The foot switch should be placed near the right hand iron feeder, this is in series with the start and stop switch, to be used to prevent the spreader operator from loading the delivery box.

To run small pieces for short periods of time the delivery box may be lowered by means of the drop lever, lifting it over the holding stops. Space will be available for several feeders between the spreader conveyor and ironer feed ribbons.

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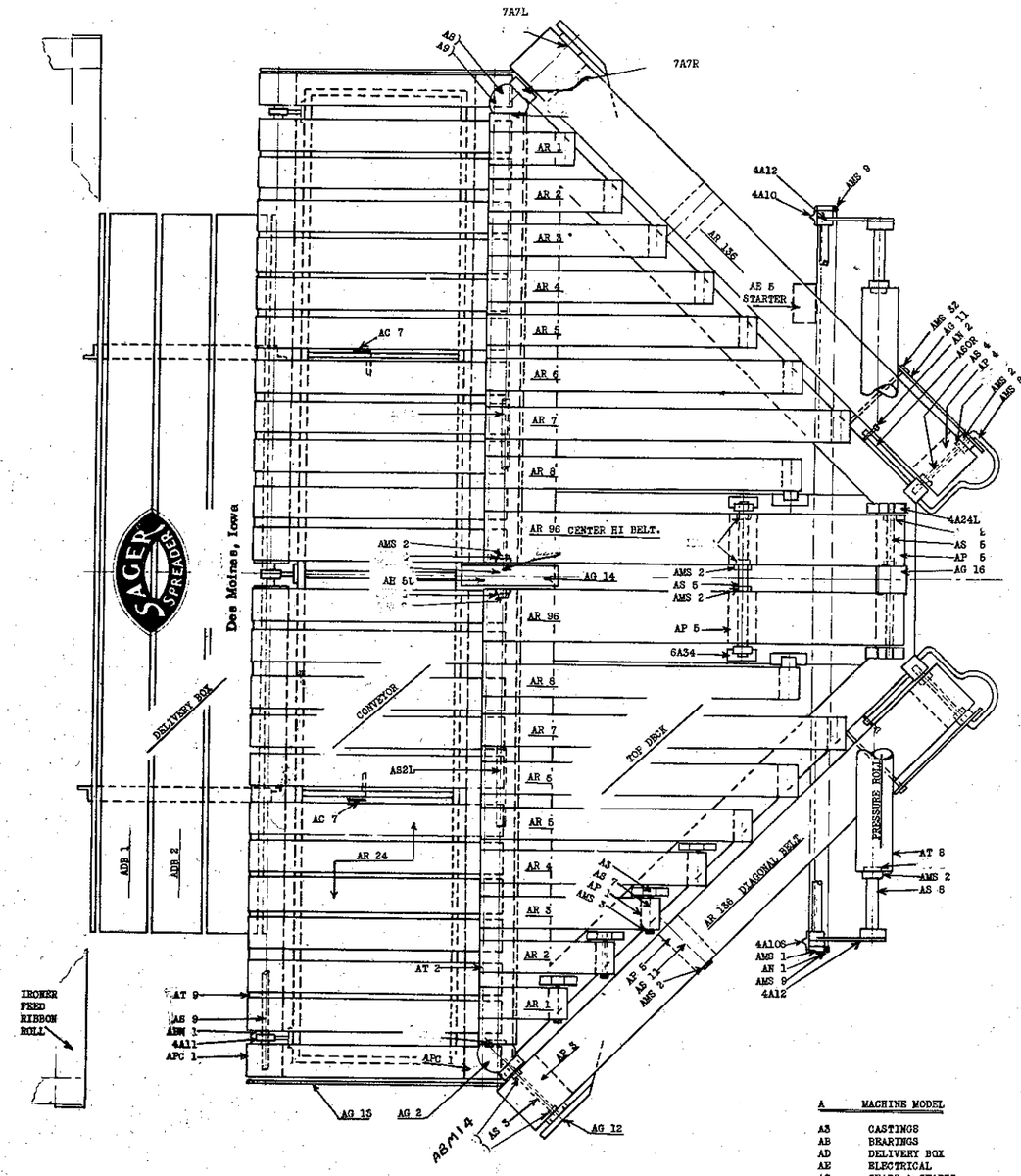
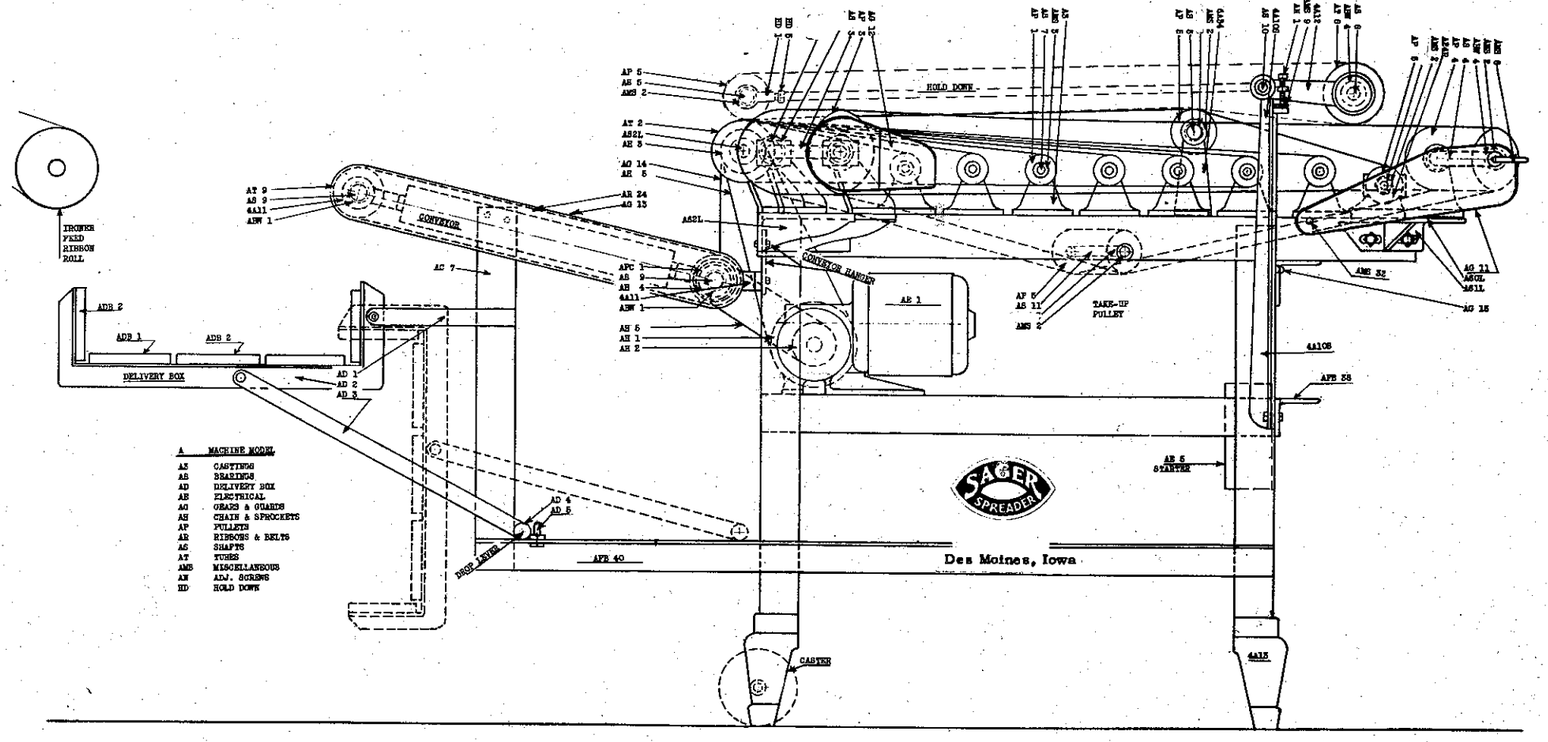


TOP DECK: CONVEYOR & DELIVERY BOX

A	MACHINE MODEL
AS	CASTINGS
AB	BEARINGS
AD	DELIVERY BOX
AE	ELECTRICAL
AG	GEARS & GUARDS
AH	CHAIN & SPROCKETS
AP	PULLEYS
AR	RIBBONS & BELTS
AS	SHAFTS
AT	TUBES
AMS	MISCELLANEOUS
AR	ADJ. SCREWS
HD	HOLD DOWN


A MACHINE MODEL
AS CASTINGS
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AR RIBBONS & BELTS
AS SHAFTS
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AMS MISCELLANEOUS
AN ADJ. SCREWS
HD HOLD DOWN
INCOMING FEED RIBBON ROLL
CONVEYOR
DELIVERY BOX
HOLD DOWN
CONVEYOR HANGER
TAKE-UP PULLEY
STARTER
SAGER SPREADER
Des Moines, Iowa
DROP LATCH
CASTERS

3E
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ELECTRICAL ENGINEERING
& EQUIPMENT COMPANY

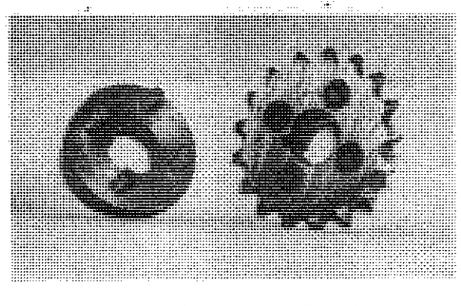
MODEL '8 A C' SAGER SPREADER

MODEL '8 AC' IS DIFFERENT FROM ALL PREVIOUS MODELS IN ONLY ONE FEATURE.

THE LETTER 'C' HAS BEEN ADDED TO DENOTE THAT ON THIS MODEL, THE MAIN SHAFTS (CARRYING THE LARGE ROLLS) ARE NOW JOINED WITH A COUPLING INSTEAD OF BEING SPLINED. THIS CHANGE WILL PERMIT OF SIMPLER TAKE-DOWN WHEN IT IS NECESSARY TO CHANGE CENTER HIGH OR TOP DECK RIBBONS.

PART NO.

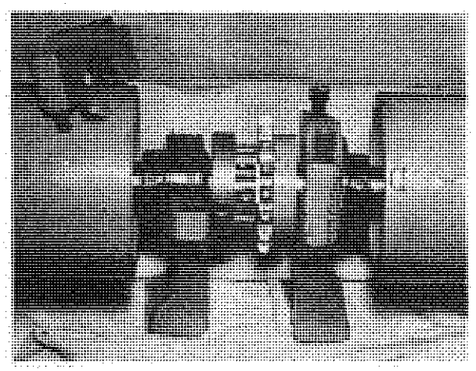
ASC2
COLLAR ONLY
(WITH PINS)



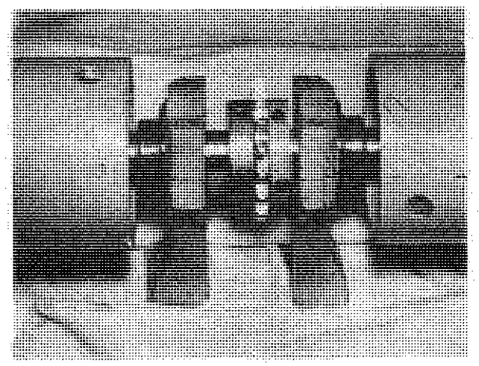
PART NO.

AH4C
17 TOOTH
SPROCKET
(WITH INSERTS)

COLLAR AND SPROCKET OF COUPLING



COLLAR PUSHED AWAY FROM SPROCKET



ASSEMBLED COUPLING

THIS COUPLING, WITH NEW SHAFTS AND THE LARGE 3" GEARS (19 TOOTH) CAN BE APPLIED TO ANY OF THE OUTSTANDING MODEL 'A' SAGER SPREADERS

SAFETY PRECAUTIONS

EQUIPMENT MAINTENANCE—Faulty or Improperly maintained equipment can cause Injury or death. Therefore:

1. Always have qualified personnel perform the installation, troubleshooting, and maintenance work. Do not perform any electrical work unless you are qualified to perform such work.

2. Before performing any maintenance work inside a power source, disconnect the power source from the incoming electrical power.

3. Maintain cables, grounding wire, connections, power cord, and power supply in safe working order. Do not operate any equipment in faulty condition.

4. Keep all safety devices and cabinet covers in position and in good repair.

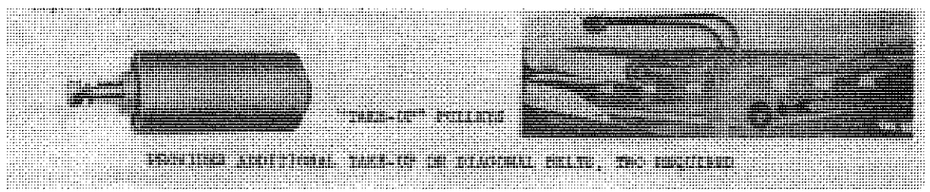
5. Use equipment only for its intended purpose. Do not modify it in any matter. Do not operate this machine unless properly trained by a qualified individual.

FOOT SWITCH can be applied to all models "A" machine, it is wired in series with main Stop & Start switch. Foot switch in use should be placed near the ironer. Feeder on the right hand side, so that this Feeder can when desired, stop the SPREADER and prevent the Spreader Operator from running too many sheets into the delivery box.

SPECIAL ATTACHMENTS

All machines since 6A5001 are factory drilled for Take –Up pulleys. Previous machines may be readily drilled to apply these pulleys.

When diagonal belts have been adjusted for the full amount of take-up provided; it is practical to secure improved operation by adding these pulleys.



LUBRICATION

The MOTOR needs the usual attention given to all motors. Once in six months the WORM GEAR should be checked for oil level; if necessary add # 140 oil. (heating will cause it to flow) In the event of any serious motor trouble General Electric service Depots may be called.

CHAINS: To increase the life of both chains and sprockets, there is nothing better than a small amount of light grease applied to the chain every two months.
Chains are factory adjusted for slack running, they should never be drawn tight.

GEARS: The normal life can be as great as ten or more years. A good grade of STAY-PUT grease applied once in two months is necessary.

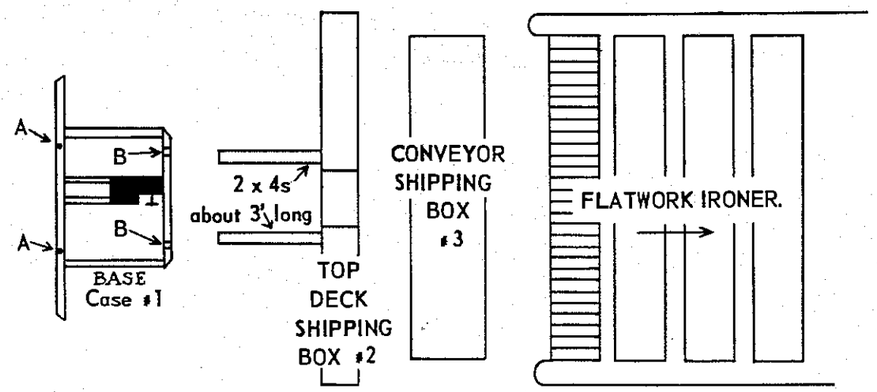
CONVEYOR brackets are drilled for oiling. The speed of the Conveyor shafts are not high enough to cause sufficient bleeding of the impregnated maple bearing for self-lubrication. We recommend two drops of # 10 oil every ten days.

TOP DECK, bearings with the exception of the DIAGONAL DRIVE PULLEYS, are of impregnated maple and will not require attention. Pulleys may stop turning and should be investigated for lint or threads caught about the shafts. Once a year we suggest removing shaft collar and wiping off the shafts. Clean inside of bearing and pulleys for gum. Be sure to file off BURRS from shafts before removing pulleys.

DIAGONAL DRIVE PULEY BEARINGS should be repacked with high-grade ball bearing grease not less than once a year.

When replacing any impregnated bearing a few drops of light oil should be applied either on the shaft or directly to bearings.

ASSEMBLY INSTRUCTIONS: MODEL "A" SAGER SPREADER



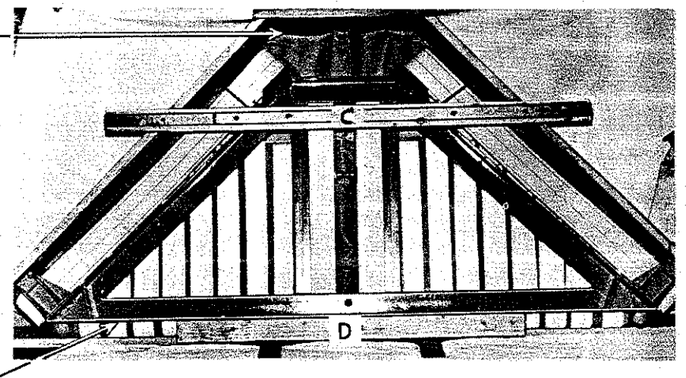
BASE: Uncrate near the ironer; Set to one side, the Pressure Roll, Conveyor Supports and the Delivery Box. Start & Stop Switch assembly (connected) lay on floor partly under Base. Remove bolts "A" & "B" place them handy for use. Remove chains from motor sprockets. Do NOT place chains on floor, keep them CLEAN, they are fully lubricated for use.

TOP DECK: Remove CHAIN GUARD from here.
Remove 1" strip of wood at the bottom of case just in front of board "D".

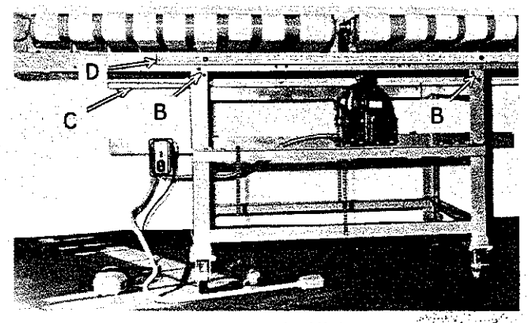
DO NOT remove boards "C" & "D" until TOP DECK frame is on top of Base and partly bolted.

Remove 'LAG SCREWS' and INCH frame out of case using "C" to hold frame vertical.

When clear of box and ready to lift, 4 men are required, 2 on either end of "C" and 2 ready to take hold at the corners of the frame near "D". DO NOT lift by the Belt Brackets.

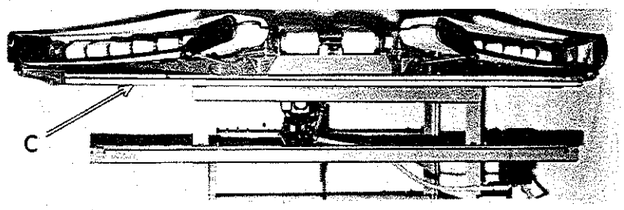


As the frame is turned right side up onto the Base, bolts "B" can be slipped into place and drawn up loose, do not tighten until "C" now resting on top of the Base frame, has been removed and the bolts placed to hold same. Draw up bolts.



REAR OF MACHINE

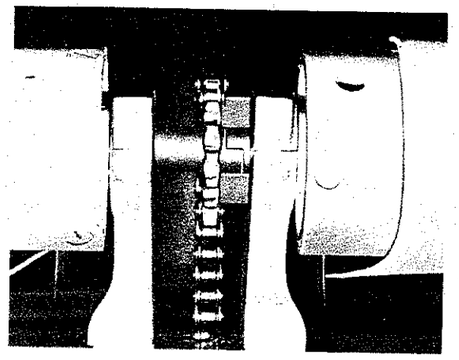
Gooseneck on floor; "C" and "D" still attached to TOP DECK as it rest on Base



FRONT VIEW OF MACHINE

Showing "C" still in place, Bolts "B" at rear having been placed but not drawn up tight, "C" can now be removed and bolts "A" placed.

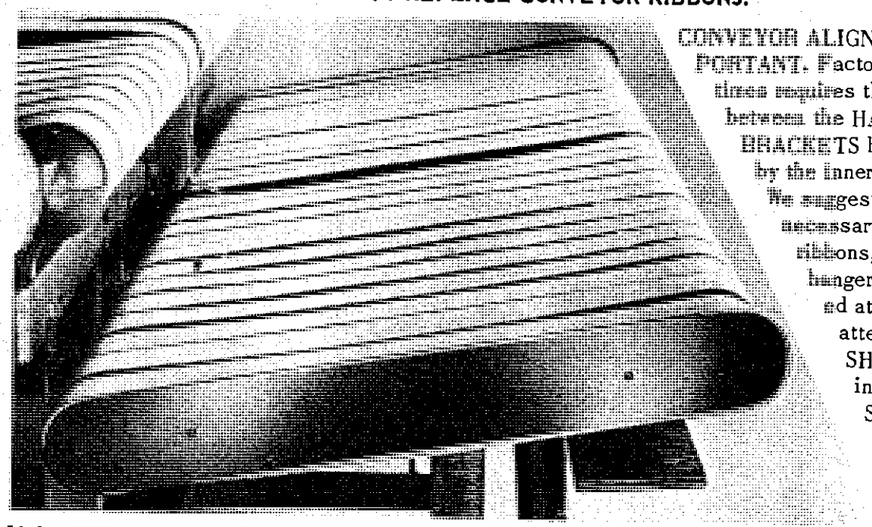
TO REPLACE TOP DECK RIBBONS.



Remove Hold-Down from machine. Remove Diagonal Belts as directed on page 8; Remove Chain guard and chain; Loosen set screw holding Main Shaft Sprocket and slip sprocket to your left. The Main Shaft is SPLINED under the set screw to permit handling of such replacements one side at a time.
Before pushing the IDLER BELTS off their pulleys, loosen brackets 4A24 holding CENTER HI belts, loosen set screws holding both shafts, loosen collars and file off burrs to permit sliding shafts to one side, remove bothsets of pulleys, dropping the belts.
Remove caps from 5A7 brackets, preferably one side at a time, and lift this one half of the MIAN SHAFT with roller, enough to slide off the ribbons & belts.
Install the new set and reset the 5A7 caps, then complete the other side.
Line up the two new CENTER HIGH belts by adjusting the 4A24 brackets before placing the IDLER ribbons onto their pulleys. Line up idler ribbons. If necessary loosen bolts holding the pulley brackets and TAP the bracket one way or the other until the ribbon runs true in the middle.

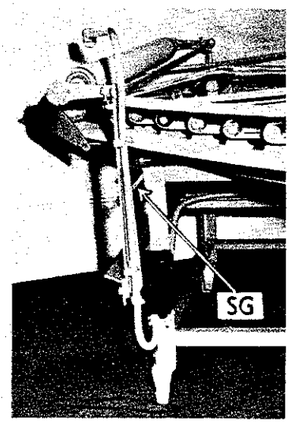
Line up the two CENTER HIGH BELTS, by adjusting the 4A24 brackets back or forward. These two belts should run rather close to the inner edge of the MAIN shaft ROLLERS. A bit of slack is proper. DO THIS before placing the IDLER BELTS onto their respective pulleys. Line up the Idler belts one side at a time. If it is necessary to adjust these to run in the CENTER of the pulleys, loosen the bolts holding brackets and TAP the bottom of the bracket left or right to center belt.
Replace Diagonal Belts as previously directed. NOTE;- The entire TOP DECK (with chain not in place) should be turned by one hand from either end.

TO REPLACE CONVEYOR RIBBONS.



CONVEYOR ALIGNMENT IS MOST IMPORTANT. Factory alignment sometimes requires the inserting of SHIMS between the HANGERS and the BRACKETS holding the Conveyor by the inner shaft.
We suggest that whenever it is necessary to replace Conveyor ribbons, that only ONE of these hanger connections be unbolted at a time, keeping close attention to replacing any SHIMS that may have been installed. Complete ONE SIDE at a time SUPPORT outer end of Convey or before removing top & bottom bolts of the Conveyor Supports.
If the SHIMS are not replaced in their proper location, the alignment may be changed just enough to cause binding on the shaft. The result will be a small increase in the amount of power required in the operation of the Spreader and additional wear imposed upon the impregnated bearings.

PRESSURE ROLL may require re-covering within a year or two. We use #12 duck (24 x 56 inches) applied with a lot of Sodium Silicate.



Place long chain over large sprocket, thread up and thru hole in frame and over Main shaft sprocket.

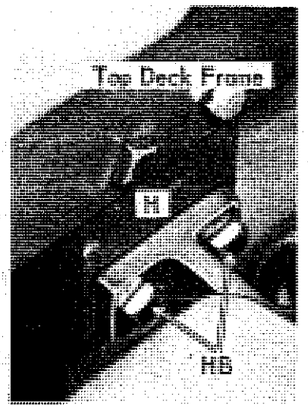
Before attaching PRESSURE ROLL assembly; Unpack carton containing HOLD-DOWN and slip the two ribbons up and over the supports and onto the Pressure Roll. (see page 4)

START & STOP switch arm or GOOSENECK is to be placed on the right hand pressure roll support, tighten set screws.

Bolt CONVEYOR SUPPORTS "CS" to base frame legs. Remove bolts on top of UPRIGHTS and place handy for quick use when CONVEYOR frame is lifted into place.

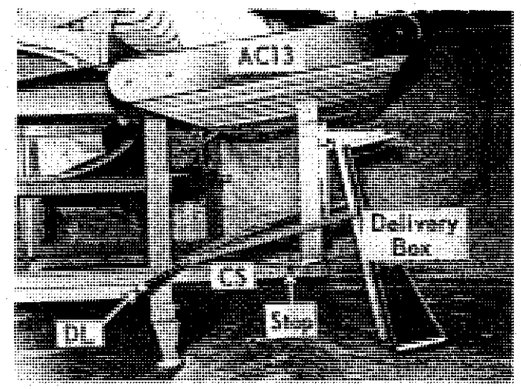
CONVEYOR CASE, lay flat on floor with bottom of case toward the partly assembled machine. Remove the cover boards holding DROP LEVER "DL" and set same to one side.

READ - Instructions on hangers "H"; INSPECT, underneath and inside of TOP DECK frame for the RED "X" indicating where hangers are attached



Bolt heads are on the outside.

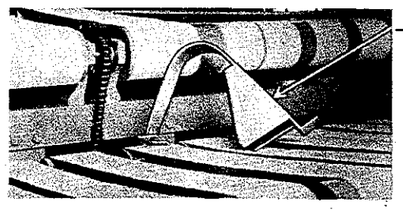
DO NOT loosen bolts "HB"



INSPECT the CONVEYOR frame in the shipping box; NOTE, that the ribbons are pushed partly aside, - near the cross ribs, to which the UPRIGHTS are bolted. RED OUTLINE indicates the proper side. Place these bolts while two men hold Conveyor frame (do not pull up tight). Place HANGERS, do not pull up tight until all four hangers are in place.

Two end ribbons are to be slipped onto Conveyor.

GUARDS for Conveyor ends are packed in the lower right hand corner of shipping box. They are marked for direction in which to attach.



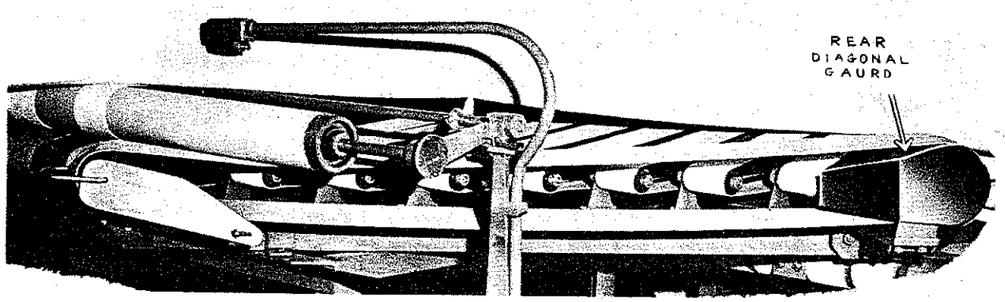
CHAIN GUARD, screws to hold guard are in place on TOP DECK frame, back of chain hole and on Conveyor frame.

DROP LEVER "DL" is shown above with DELIVERY BOX to which it is attached, in down position.

DELIVERY BOX "DB" when attached to hangers and Drop Lever should swing easily. Use jam nuts.

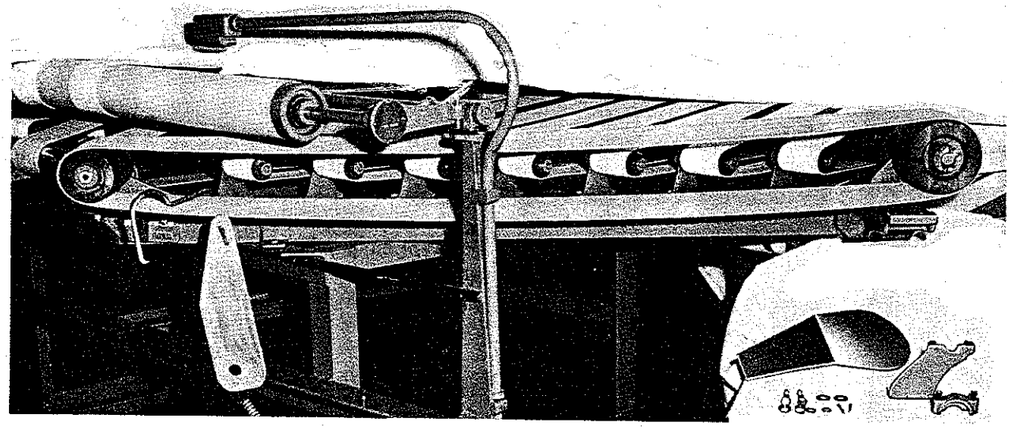
SKIRT GUARDS "SG" Shown in photo at top of page are attached to Base Frame and are to be bolted into place to Base and Pressure Roll Supports,

TO REPLACE DIAGONAL BELTS.



Loosen ACORN nut holding front guards;-loosen set screw holding BOWS at the inner end and snap BOW out from under slot in casting; move Bow up and down to remove outer end from hole in shaft; lower guard as shown below.
Loosen bolts on bracket A61 to slack off belts; Remove REAR diagonal guards; Remove CAPS from outer brackets 5A7; remove bolts holding lower half of these brackets and drive out taper pins from below. Belts may then be slipped off and new ones placed.
Replace bracket and TAPER PINS, DO NOT tighten down overly hard on cap screws in top of these brackets.

Fabricated belts may not always run true with the outer edge close to the outer edge of the pulleys nearest the Operator. To facilitate so doing, the pulleys have been turned with the CROWN 3/8 inch off center. These pulleys may be turned about on their shafts with the crown in the most desireable position. In most cases only one pulley need be turned about.



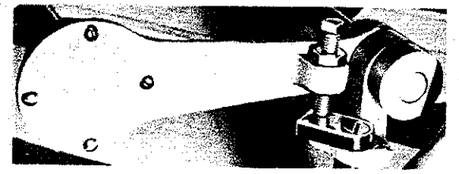
Alignment of these belts may in most cases be secured by means of the adjusting screw on bracket A60. See instructions under "Adjusting Diagonal Belts."

In extreme cases it has been found practical to change belts over, end for end or by using them on opposite side of the machine.

CENTER HIGH belts, are adjusted by the movement of the two brackets nearest the Operator (4A24) if and when required. This should only be necessary when these belts are replaced.

TOP DECK ribbons, are run loose; Adjustment for centering on the pulleys is accomplished by loosening bolts on brackets A3 and tapping bracket back or forward in or out as required. Tap brackets by means of a small bar ON THE BASE ONLY.

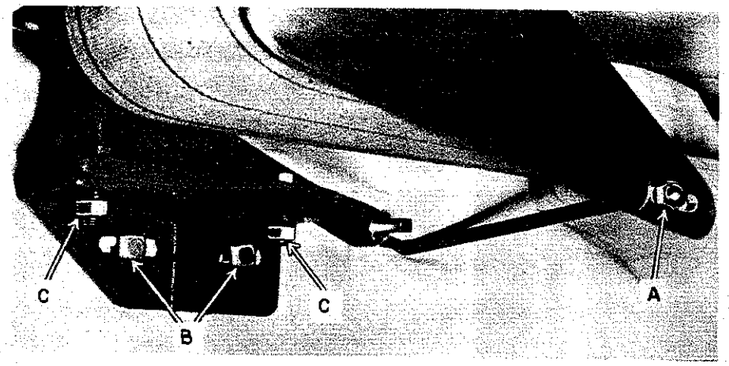
MAINTENANCE.



ADJUSTING PRESSURE ROLL; The diagonal belts will stretch more in the first few days of operation than afterward. Common practice is to make use of the handiest adjustment; the PRESSURE ROLL ADJUSTING SCREWS, and to keep lowering the Pressure Roll downward onto the belts. We do NOT recommend over doing this. Sufficient traction will be secured by the Factory adjustment.

When the machine is not in use, Operators should be instructed to lift the Pressure Roll and turn the RELIEF BLOCKS under the adjusting screws. Doing so will increase the life of the belts materially.

ADJUSTING DIAGONAL BELTS.

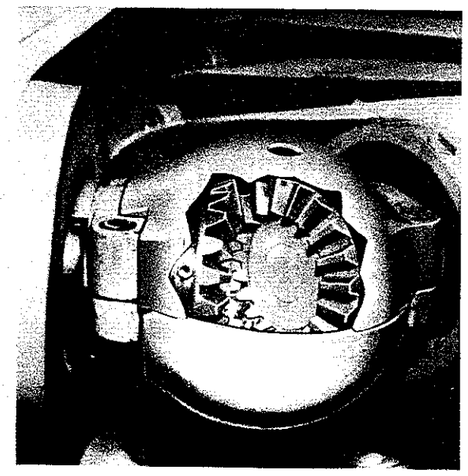


Diagonal Belts should be "taken-up" (NOT TIGHT) from time to time as required. They should run slack, with Pressure Roll in UP position. The Pressure Roll should depress these belts about ½ inch.

To take up the unnecessary slack, loosen ACORN nut "A" (on guard) loosen nuts "B" just enough to permit bracket A61 being moved toward the Operator by a few light hammer blows.

****

To adjust the travel of these belts, (the outer edge of belt, as near to the outer edge of the FRONT diagonal pulleys as practical; with the Pressure Roll UP) Loosen bolts "C" adjust bracket A60 in or out as required by set screw "D". Tighten Acorn nut.



GEAR LUBRICATION & REPLACEMENT.

A somewhat lighter (high grade 'stay-put') grease may be applied after the machine has been set for regular operation. We use a very heavy grease at the factory because of shipping machine in an upright position. Regular inspection for a time will indicate how often grease should be applied.

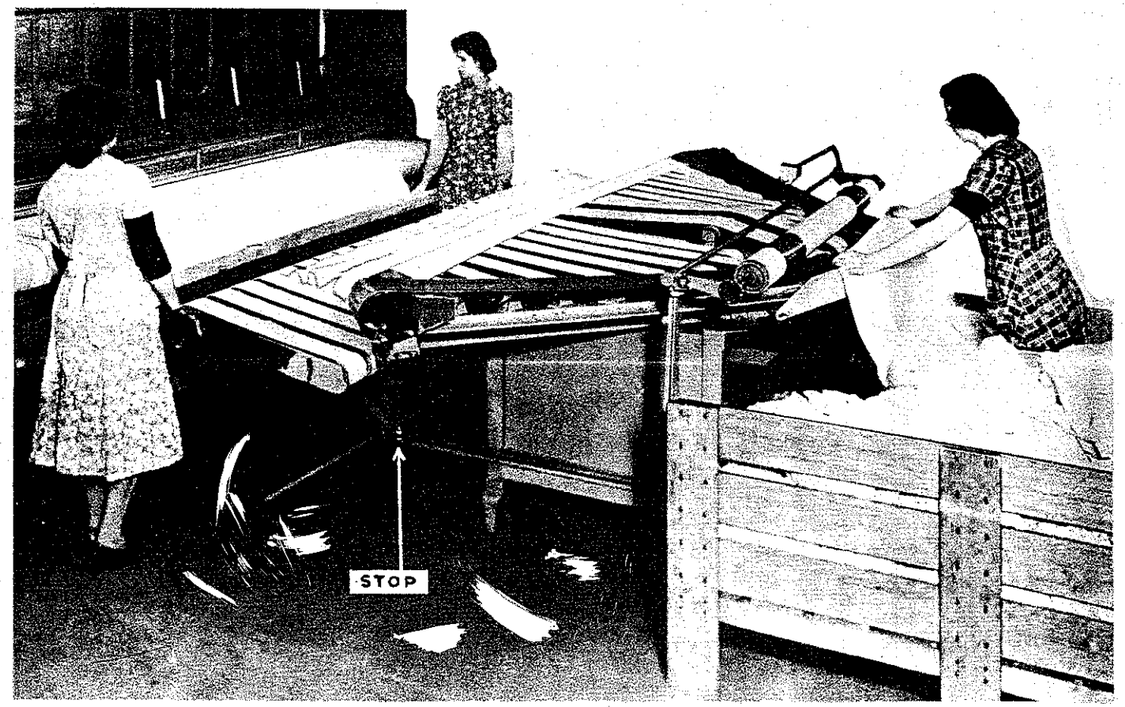
In the course of many years of operation it becomes necessary to install new gears, the precedure is simple;- slack off on the Diagonal Belts, remove the Gear Govers, remove Rear diagonal guards, remove tops of brackets 5A7, push the belt over the outside bracket as you lift out the assembled DIAGONAL SHAFT, PULLEY AND ONE GEAR. When replacing with new gears it may be necessary to re-spot-drill for set screws on one or both shafts; be sure that a very small amount of BACK-LASH is present at all positions of the gears. DO NOT forget the grease.

OPERATION.

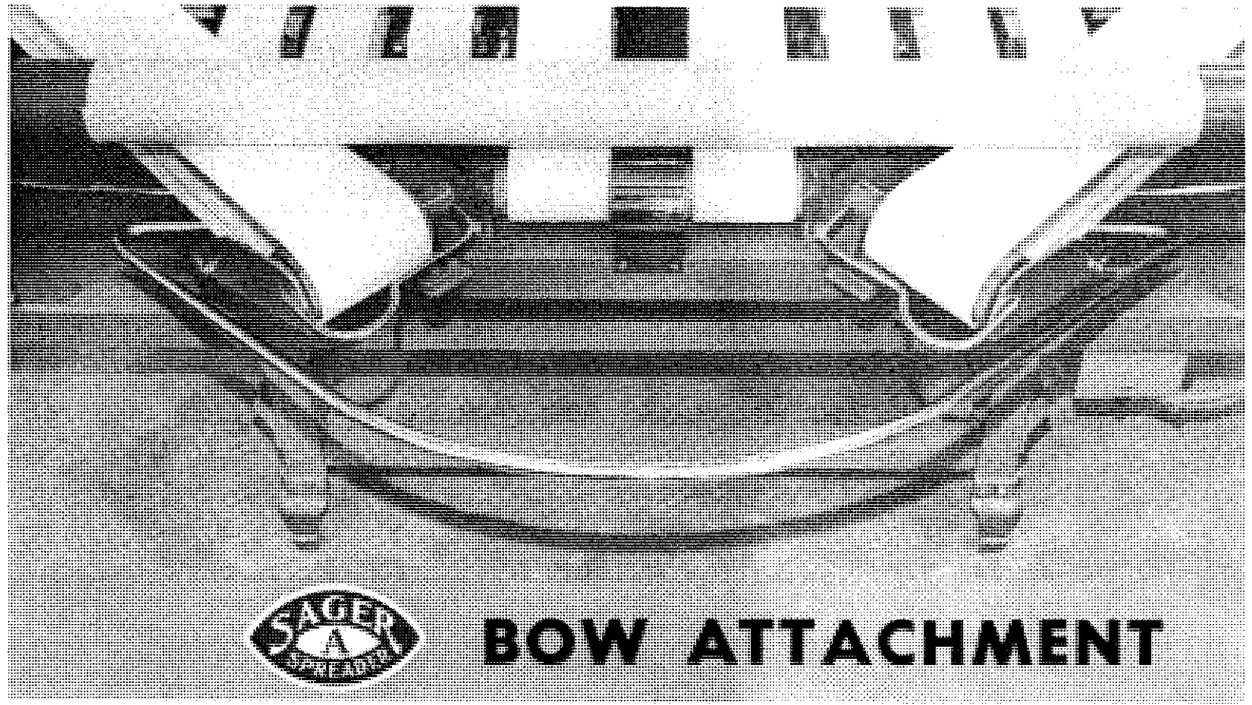
Many methods have been developed for bringing the flatwork to the Spreader Operator, by trucks of many types or by conveyors. If the large pieces are taken from OPEN TOP extractors they may as a rule be fed by the Operator from the conveying truck or DAMP BOX directly to the Spreader.

If DUMP TYPE extractors are used, the goods should be TUMBLED in order to loosen them, to be properly and quickly handled ahead of the Spreader.

1. Lower the Pressure Roll by lifting same and turning RELIEF BLOCKS outward.
2. The Operator stands directly ahead of the Spreader, with damp pieces on either side and with space ahead, sufficiently open, to permit the pieces to DROP or hang downward before going into the Spreader.
3. Operator selects each piece along the selvage edge, quickly approximating the middle, holding the piece in both hands, some 25 to 30 inches apart; raise the piece up and over the diagonal belts, even over the Pressure Roll and then drop it so that it may be carried forward by the Diagonal and Center High belts, under the Hold-Down belts.



The LEADING EDGE into the Spreader need not be straightened out, this edge IS NOT fed into the ironer. The leading edge passes onto the Conveyor and into the DELIVERY BOX. The FOLLOWING EDGE or last part over the Spreader will be straightened out, as this then reaches the Conveyor it is taken by the Feeders and placed on ironer feed ribbons.
START & STOP switch is located for quick handling by Spreader Operator if needed.
FOOT SWITCH, should be placed near right hand ironer Feeder, this is in series with the Start & Stop switch, to be used to prevent Spreader Operator from loading Delivery Box. To run SMALL PIECES for short periods of time, the Delivery Box may be lowered by means of the Drop Lever, lifting same over the holding stops. Space will now be available for several Feeders between the Spreader Conveyor and ironer feed ribbons.



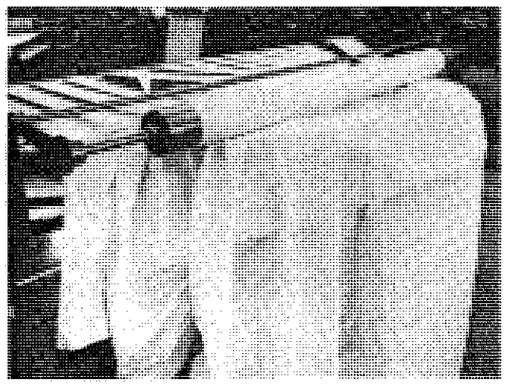
SAGER "A" SPREADER BOW ATTACHMENT

IMPROVES SHEET FEEDING

Your Spreader operator works at peak efficiency with a Spreader Bow attachment.

Production increases because the operator spends less time guiding sheets—this gets her ready to feed the next.

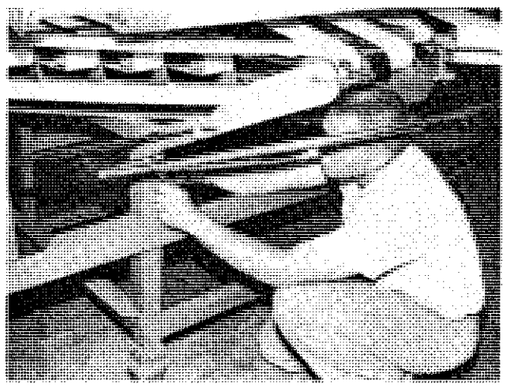
Use the Sager Bow attachment on any Sager "A" Spreader for smooth sheet feeding.



SIMPLE, FAST INSTALLATION

Easy to mount on base frame, directly below diagonal belts at front of machine. Drill two holes, bolt bow to braces. Bow kit includes all parts necessary for quick installation.

Made of durable, long lasting chrome-plated steel tubing.



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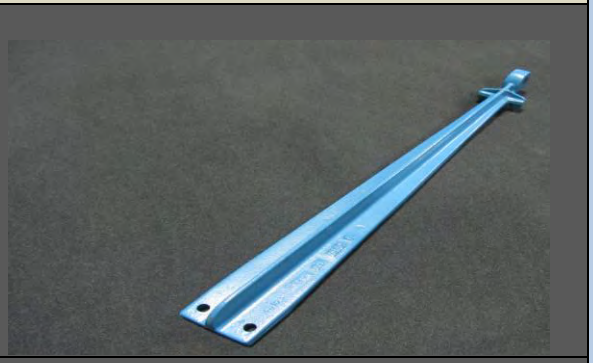
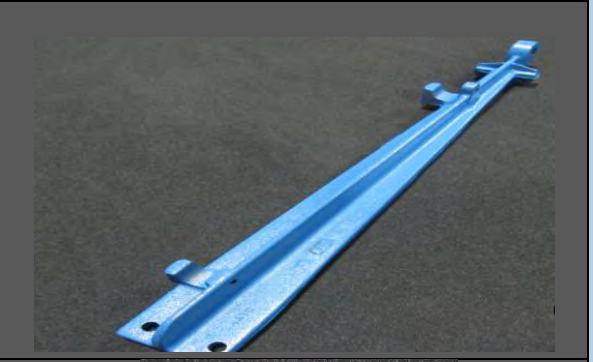
Part Number	Product Description	Bin	Product
90014A10	4A10 UPRIGHT R	06/02/015	
90014A10S	4A10 UPRIGHT L	06/02/016	
90014A11	4A11 CONVEYOR BRG HOLDER WITH BEARINGS	06/02/011	

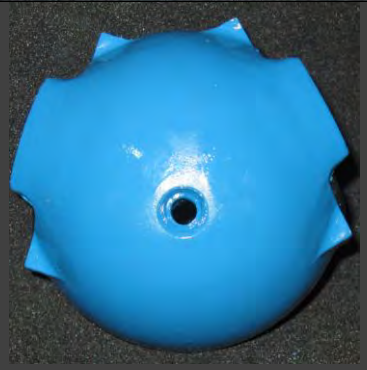
Part Number	Product Description	Bin	Product
90014A24L	4A24L CENTER LOW LEFT CASTING	06/02/011	
90014A24R	4A24R CENTER LOW RIGHT CASTING	06/02/011	
90015A12	5A12 PRESSURE ROLL CASTING	06/02/011	

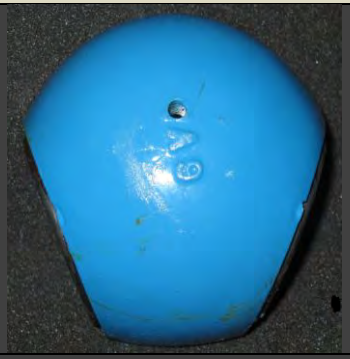
Part Number	Product Description	Bin	Product
90016A34	6A34 CENTER HIGH CASTING	06/02/012	
90017/8MB	7/8-14 NR MACHINERY BUSHING	06/04/005	
90017A7L	7A7L LEFT BEARING	06/02/008	

90016A34	**7A7L BEARING RIGHT CASTING**	**06/02/008**	
9001A15	**A15 MAIN TUBE CASTING**	**06/04/006**	
9001A16	**A16 CONVEYOR CASTING**	**06/04/006**	

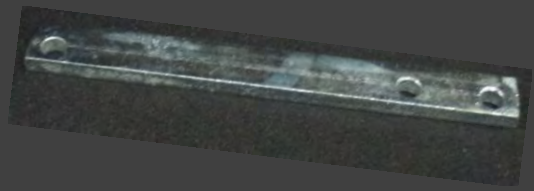
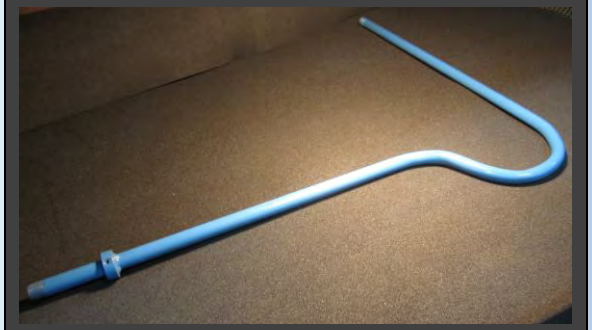
Part Number	Product Description	Bin	Product
9001A18	A18 PRESSURE ROLL TUBE CASTING	06/04/006	
9001A3	A3 IDLER CASTING WITH AS7 SHAFT	06/02/007	
9001A60L	A60L FRONT LEFT DIAGONAL CASTING	06/02/011	

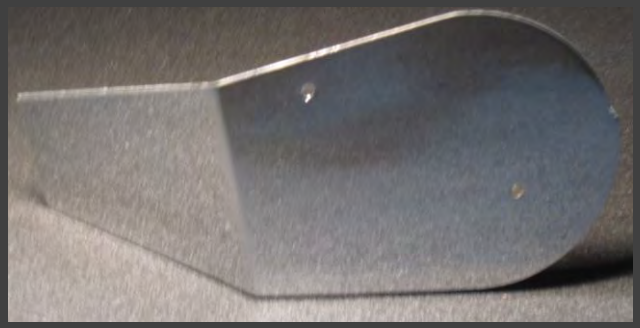
Part Number	Product Description	Bin	Product
9001A60R	A60R FRONT RIGHT DIAGONAL CASTING	06/02/011	
9001A61L	A61L SUPPORT FOR A60	06/02/006	
9001A61R	A61R SUPPORT FOR A60L	06/02/006	

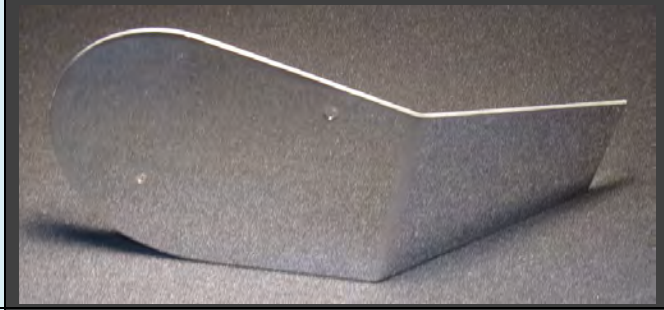
Part Number	Product Description	Bin	Product
9001A62L	A62L LEFT REAR SUPPORT 7A7	06/02/014	
9001A62R	A62R RIGHT REAR SUPPORT 7A7	06/02/015	
9001A8	A8 TOP GEAR COVER	06/02/006	

Part Number	Product Description	Bin	Product
9001A9	A9 BOTTOM GEAR COVER	06/02/006	
9001ABM14	ABM14 MAIN BEARING	06/04/002	
9001ABP3016DS	ABP3016DS ½" PULLEY BEARING	06/04/002	

Part Number	Product Description	Bin	Product
9001ABP3040DS	ABP304DS 7/8” PULLEY BEARING	06/04/002	
9001ABW1	ABW1 CONVEYOR BEARING	06/02/003	
9001ABW4	ABW4 PRESSURE ROLL BEARING	06/02/003	

Part Number	Product Description	Bin	Product
9001AC5	AC5 CONVEYOR HANGER	06/02/007	
9001AD1	AD1 DELIVERY BOX HANGER	06/02/012	
9001AE31	AE31 GOOSE NECK	06/05/001	

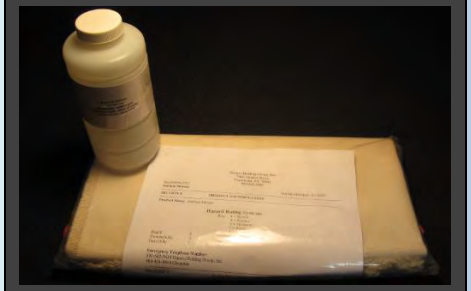
Part Number	Product Description	Bin	Product
9001AG11	AG11 ALUMINUM DIAGONAL GUARD	06/03/002	
9001AG11	AG11 ALUMINUM DIAGONAL GUARD/ NEW STYLE	06/03/002	
9001AG12L	AG12L LEFT REAR DIAGONAL GUARD	06/02/005	

Part Number	Product Description	Bin	Product
9001AG12R	AG12R RIGHT REAR DIAGONAL GUARD	06/02/005	
9001AG13	AG13 CONVEYOR GUARD	06/02/005	
9001AG14	AG14 CHAIN GUARD	06/02/007	

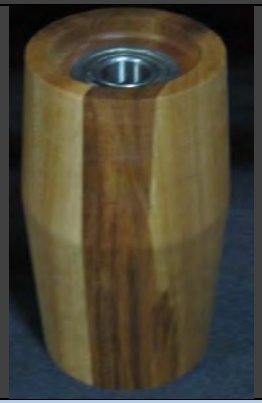
Part Number	Product Description	Bin	Product
9001AG15	AG15 SKIRT GUARD	06/02/007	
9001AG16	AG16 CENTER GUARD	06/02/005	
9001AG2	AG2 BEVEL GEAR	06/03/006	

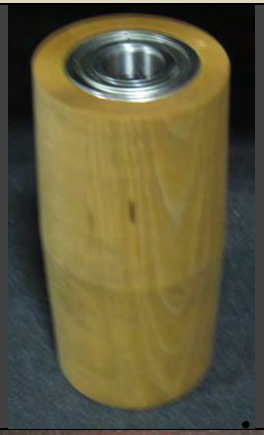
Part Number	Product Description	Bin	Product
9001AH1-2	AH1-2 REDUCER SPROCKET	06/03/004	
9001AH4	AH4 CONVEYOR SPROCKET	06/03/004	
9001AH4C	AH4C TOP DECK SPROCKET	06/03/004	

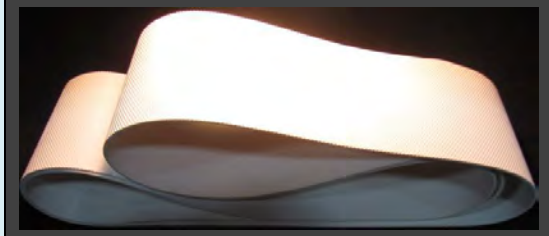
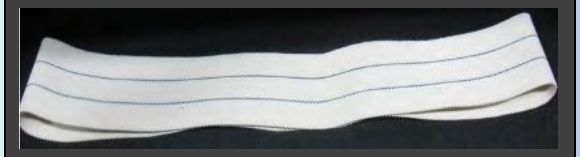
Part Number	Product Description	Bin	Product
9001ASC2	ASC2 COLLAR FOR AH4C SPROCKET	06/01/001	
9001AH5L	AH5L 45” RC CHAIN CONN OFFSET/CONVEYOR	06/03/002	
9001AH5S	AH5S 25” RC40 CHAIN CONN OFFSET/CONVEYOR	06/03/002	

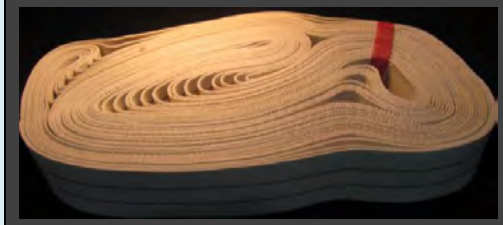
Part Number	Product Description	Bin	Product
9001AM88	AM88 PRESSURE ROLL COVER KIT	06/04/04	
9001AMS1	AMS1 ¾” COLLAR	06/04/004	
9001AMS2	AMS2 7/8” COLLAR	06/04/004	

Part Number	Product Description	Bin	Product
9001AMS3	AMS3 ½" COLLAR	06/03/002	
9001AMS32	AMS8 BOW GUARD	06/03/002	
9001AMS8	AMS8 BOW GUARD	06/03/002	

Part Number	Product Description	Bin	Product
9001AP1	AP1 IDLER PULLEY W/ (2) ABP3016DS BEARINGS 2” X 4” (16 PER MACHINE	06/02/005	
9001AP3	AP3 DIAGONAL PULLEY 5-1/2” X 6-3/4” (2 PER MACHINE)	06/02/003	
9001AP4	AP4 DIAGONAL PULLEY 4” X 6-3/4” (2 PER MACHINE)	06/02/003	

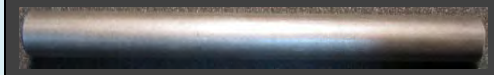
Part Number	Product Description	Bin	Product
9001AP5	AP5 PULLEY W/ABP3040DS BEARINGS 3” X 6” (6 PER MACHINE)	06/02/004	
9001APC1	APC1 STRAIGHT CONVEYOR PULLEY W/ 7/16”-14 X ¾” SSS 3-1/2” X 3-7/8” (6 PER MACHINE)	06/02/004	
9001APC1A	APC1A INDENTED CONVEYOR PULLEY 3-1/2” X 3-7/8” (6 PER MACHINE)	06/02/005	

Part Number	Product Description	Bin	Product
9001AR136	AR136 DIAGONAL BELT 6” X 136” (2 PER MACHINE)	06/06/009	
9001AR96	AR96 CENTER HIGH BELT 5” X 96” (2 PER MACHINE)	06/06/009	
9001AR24	AR24 CONVEYOR BELT 3-1/2” X 59-1/4” (24 PER MACHINE)	06/06/009	

Part Number	Product Description	Bin	Product
9001AR24CBS	AR24CBS CONVEYOR BELT SET (COMPLETE SET 24 BELTS)	06/02/009	
9001AR92	AR92 HOLD DOWN BELT 4” X 92” (2 PER MACHINE)	06/02/009	
9001AR1	AR1 TOP DEKC BELT 3-1/2” X 24-5/8” (2 PER MACHINE)	06/02/009	

Part Number	Product Description	Bin	Product
9001AR2	AR2 TOP DECK BELT 3-1/2” X 34-1/2” (2 PER MACHINE)	06/02/009	
9001AR3	AR3 TOP DECK BELT 3-1/2” X 43-1/2” (2 PER MACHINE)	06/02/009	
9001AR4	AR4 TOP DECK BELT 3-1/2” X 54” (2 PER MACHINE)	06/02/009	

Part Number	Product Description	Bin	Product
9001AR5	AR5 TOP DECK BELT 3-1/2" X 63-3/4" (2 PER MACHINE)	06/02/009	
9001AR6	AR6 TOP DECK BELT 3-1/2" X 73-1/2" (2 PER MACHINE)	06/02/009	
9001AR7	AR7 TOP DECK BELT 3-1/2" X 82-3/4" (2 PER MACHINE)	06/02/009	

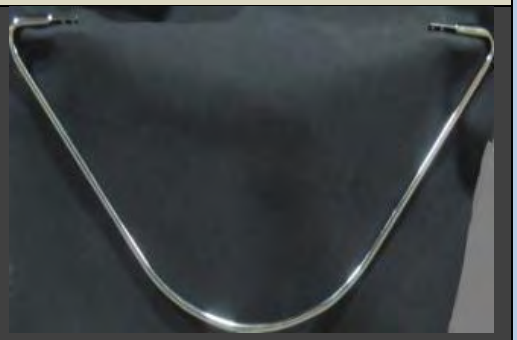
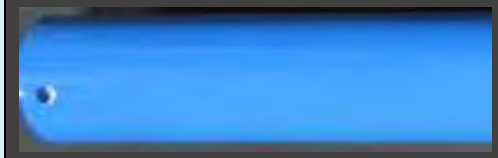
Part Number	Product Description	Bin	Product
9001AR8	AR8 TOP DECK BELT 3-1/2" X 73-1/2" (2 PER MACHINE)	06/02/009	
9001ARTDS	ARTDS TOP DECK BELT SET (COMPLETE SET)	06/02/009	
9001AS10	AS10 PRESSURE ROLL SHAFT ¾" X 80" (1 PER MACHINE)	06/03/001	

Part Number	Product Description	Bin	Product
9001AS11	AS11 TAKE UP SHAFT 7/8” X 9” (2 PER MACHINE)	06/03/003	
9001AS12	AS12 CENTER LOW SHAFT 7/8” X 9” (2 PER MACHINE)	06/03/003	
9001AS2	AS2 MAIN SHAFT 7/8” X 51” (2 PER MACHINE)	06/03/001	

Part Number	Product Description	Bin	Product
9001AS3	AS3 DIAGONAL SHAFT 7/8” X 9-3/4” (2 PER MACHINE)	06/03/003	
9001AS4	AS4 FRONT SHAFT 7/8” X 8-3/8” (2 PER MACHINE)	06/03/003	
9001AS5	AS5 CENTER HIGH SHAFT 7/8” X 17-3/8” (2 PER MACHINE)	06/06/003	

Part Number	Product Description	Bin	Product
9001AS6	AS6 HOLD DOWN SHAFT 7/8" X 16-3/4" (2 PER MAHCINE)	06/03/003	
9001AS7	AS7 IDLER SHAFT ½" X 5" (16 PER MACHINE)	06/03/003	
9001AS8	AS8 7/8" PRESSURE ROLL 7/8" X 77" (2 PER MACHINE)	06/03/001	

Part Number	Product Description	Bin	Product
9001AS9	AS9 CONVEYOR SHAFT 7/8” X 108” (2 PER MACHINE)	06/03/001	
9001HD1T	HD1T THREADED ROD	06/04/003	
9001HD1P	HDIP PLAIN ROD ENDS	06/04/003	

Part Number	Product Description	Bin	Product
9001ASB	ASB SPREADING BOW	06/05/001	
9001AT2	AT2 MAIN TUBE 4” OD X 46.25”	06/01/001	
9001AT8	AT8 PRESSURE ROLL TUBE 4” OD X 60”	06/01/001	

Part Number	Product Description	Bin	Product
9001AT9	AT9 CONVEYOR TUBE 3-1/2" OD X 49.50"	06/01/001	
9001PBS	PUSH BUTTON STATION	06/03/001	
9001GRTF	CL3507 ¾ HP, 1PH BALDOR MOTOR .75HP/1725 RPM/1 PH/60HZ 35 LBS	06/02/018	

Part Number	Product Description	Bin	Product
9001GUTF	CM3545 ¾ HP 1PH BALDOR MOTOR .75 HP/1725 RPM/3PH/ 60HZ/ 26 LBS	06/02/018	
9001CR219L	GSF1520AA BALDOR REDUCER STF-200-15-A-A 29 LBS	06/02/018	

Product	Description1	Pcs.	Per Machine
90011/2-13HN	HEX NUT	EACH	6
90011/2-13X11/2HHCS	HEX HEAD CAP SCREW	EACH	4
90011/4-20X3/4HHCS	HEX HEAD CAP SCREW	EACH	5
90011/4-20X4FHS	FLAT HEAD SCREW	EACH	36
90011/4-20X5/8HHCS	HEX HEAD CAP SCREW	EACH	5
90011/4FW	FLAT WASHER	EACH	4
90011/4LW	LOCK WASHER	EACH	4
90011/4X58RHS	ROUND HEAD SCREW	EACH	5
900110/24X1/4RHS	ROUND HEAD SCREW	EACH	14
900110/24X3/4RHS	ROUND HEAD SCREW	EACH	10
900114W	14GAWIRE	FT	20
90013-1/2SWCB	3 1/2"SOLID WOVEN COTTON	FT	
90013/16X1PSP	PLATED SPRING PINS	EACH	
90013/8-16FHMS	FLAT HEAD SCREW	EACH	
90013/8-16HN	HEX NUT	EACH	
90013/8-16X11/4HHCS	HEX HEAD CAP SCREW	EACH	
90013/8-16X2SQHSS	SQUARE HEAD SET SCREW	EACH	
90013/8AN	ACORN NUT	EACH	
90013/8FW	FLAT WASHER	EACH	
90013/8LW	LOCK WASHER	EACH	
90013/8X11/2HHCS	HEX HEAD CAP SCREW	EACH	
90013/8X1HHCS	HEX HEAD CAP SCREW	EACH	
90013/8X4LB	LAG BOLTS	EACH	
90014A10	4A10 UPRIGHT R	EACH	1
90014A10S	4A10S UPRIGHT L	EACH	1
90014A11	4A11 CONVEYOR BRG HOLDER	EACH	6
90014A13	4A13 FEET	EACH	2
90014A24L	4A24L CENTER LOW CASTING	EACH	2
90014A24R	4A24R CENTER LOW CASTING	EACH	2
90015/16-18RHS	ROUND HEAD SCREW	EACH	
90015/16-18X1/2SSS	SOCKET SET SCREW	EACH	
90015/16-18X3/4SSS	SOCKET SET SCREW	EACH	
90015/16-18X5/16SSS	SOCKET SET SCREW	EACH	
90015A12	5A12 PRESSURE ROLL	EACH	2
90016A34	6A34 CENTER HIGH CASTING	EACH	2
90017/16-14X3/4SSS	SOCKET SET SCREW	EACH	
9001710AGBR	710 AGBR SWITCH	EACH	1
90017A7L	7A7L BEARING CASTING	EACH	4
90017A7R	7A7R BEARING CASTING	EACH	4
9001A15	A15 MAIN TUBE CASTING	EACH	2
9001A16	A16 CONVEYOR TUBE	EACH	2
9001A18	A18 PRESSURE ROLL TUBE	EACH	1
9001A3	A3 IDLER CASTING	EACH	16
9001A60L	A60L FRONT DIAGONAL	EACH	1
9001A60R	A60R FRONT DIAGONAL	EACH	1
9001A61L	A61L SUPPORT FOR A60	EACH	1
9001A61R	A61R SUPPORT FOR 60L	EACH	1
9001A62L	A62L REAR SUPPORT 7A7	EACH	1
9001A62R	A62R REAR SUPPORT 7A7	EACH	1
9001A8	A8 TOP GEAR COVER	EACH	2
9001A9	A9 BOTTOM GEAR COVER	EACH	2

Product	Description1	Pcs.	Per Machine
9001ABM14	ABM14 MAIN BEARING	EACH	8
9001ABP3016DS	ABP3016DS 1/2" PULLEY	EACH	32
9001ABP3040DS	AB93040DS 7/8" PULLEY	EACH	16
9001ABW1	ABW1 CONVEYOR BEARING	EACH	6
9001ABW4	ABW4 PRESSURE ROLL	EACH	2
9001AC5	AC5 CONVEYOR HANGER	EACH	2
9001AC7	AC7 UPRIGHT	EACH	2
9001ACF	ACF A CASTER FRAME	EACH	2
9001ACW	ACW A CASTER WHEEL BRG &	EACH	2
9001AD1	AD1 DELIVERY BOX HANGER	EACH	2
9001AD2	AD2 DELIVERY BOX ANGLE	EACH	2
9001AD3-4	AD3-4 LIFT ARM	EACH	1
9001ADB	DELIVERY BOX BOARD	EACH	6
9001ADPL	ADPL REDUCER ADAPTOR	EACH	1
9001AE31	AE31 GOOSE NECK	EACH	1
9001AG11	AG11 ALUM. DIAGONAL	EACH	2
9001AG12L	AG12L REAR DIAGONAL	EACH	1
9001AG12R	AG12R REAR DIAGONAL	EACH	1
9001AG13	AG13 CONVEYOR GUARD	EACH	2
9001AG14	AG14 CHAIN GUARD	EACH	1
9001AG15	AG15 SKIRT GUARD	EACH	2
9001AG16	AG16 CENTER GUARD	EACH	1
9001AG2	AG2 BEVEL GEARS	EACH	4
9001AH1-2	AH1-2 REDUCER SPROCKET	EACH	1
9001AH4	AH4 CONVEYOR SPROCKET	EACH	1
9001AH4C	AH4C TOP DECK SPROCKET	EACH	1
9001AH5L	AH5L 45"RC40 CHAIN CONN	EACH	1
9001AH5S	AH5S 25"RC40 CHAIN CONN	EACH	1
9001AH6	AH6 RC40 CONNECTING LINK	EACH	1
9001AH7	AH7 RC40 OFFSET LINK	EACH	1
9001AM88	AM88 PRESSURE ROLL COVER	EACH	1
9001AM89	AM89 R D NAME PLATE	EACH	2
9001AMS1	AMS1 3/4" COLLAR	EACH	4
9001AMS2	AMS2 7/8" COLLAR	EACH	14
9001AMS3	AMS3 1/2" COLLAR	EACH	16
9001AMS32	AMS32 GUARD ROD W/NUTS	EACH	2
9001AMS8	AMS8 BOW GUARD	EACH	2
9001AMS9	AMS9 PRESSURE ROLL SET	EACH	2
9001AN1	AN1 PRESSURE ROLL & A60	EACH	2
9001AOR	AOR #35 O RING	EACH	4
9001AP1	AP1 IDLER PULLEY ASSEM	EACH	16
9001AP3	AP3 DIAGONAL PULLEY	EACH	2
9001AP4	AP4 DIAG. PULLEY ASSY	EACH	2
9001AP5	AP5 PULLEY ASSEMBLY	EACH	8
9001APC1	APC1 STRAIGHT CONVEYOR	EACH	20
9001APC1A	APC1A INDENTED CONVEYOR	EACH	6
9001AR1	AR1 TOP DECK BELT	EACH	1
9001AR136	AR136 DIAGONAL BELT	EACH	2
9001AR2	AR2 TOP DECK BELT	EACH	2
9001AR24	AR24 CONVEYOR BELT	EACH	24
9001AR24CBS	AR24CBS CONVEYOR BELT	EACH	1

Product	Description1	Pcs.	Per Machine
9001AR3	AR3 TOP DECK BELT	EACH	1
9001AR4	AR4 TOP DECK BELT	EACH	1
9001AR5	AR5 TOP DECK BELT	EACH	1
9001AR6	AR6 TOP DECK BELT	EACH	1
9001AR7	AR7 TOP DECK BELT	EACH	1
9001AR8	AR8 TOP DECK BELT	EACH	1
9001AR92	AR92 HOLD DOWN BELT	EACH	2
9001AR96	AR96 CENTER HIGH BELT	EACH	2
9001ARTDS	ARTDS TOP DECK BELT SET	EACH	1
9001AS10	AS10 3/4 PRESSURE ROLL	EACH	1
9001AS11	AS11 TAKE UP SHAFT	EACH	2
9001AS12	AS12 CENTER LOW SHAFT	EACH	2
9001AS2	AS2 MAIN SHAFT	EACH	2
9001AS3	AS3 DIAGONAL SHAFT	EACH	2
9001AS4	AS4 FRONT SHAFT	EACH	2
9001AS5	AS5 CENTER HIGH SHAFT	EACH	1
9001AS6	AS6 HOLD DOWN SHAFT	EACH	1
9001AS7	AS7 IDLER SHAFT	EACH	16
9001AS8	AS8 7/8 PRESSURE ROLL	EACH	1
9001AS9	AS9 CONVEYOR SHAFT	EACH	1
9001ASB	ASB SPREADING BOW	EACH	1
9001ASC2	ASC2 COLLAR	EACH	1
9001AT2	AT2 MAIN TUBE	EACH	2
9001AT8	AT8 PRESSURE ROLL TUBE	EACH	1
9001AT9	AT9 CONVEYOR TUBE	EACH	2
9001CR219L	GSF1520AA BALDOR REDUCER	EACH	1
9001FCG	FCG FLEXIBLE CONDUIT	3 FT	
9001FS1	FS1 SWITCH BOX	EACH	1
9001FS2	FS2 FOOT SWITCH	EACH	1
9001FST	FST COVER	EACH	1
9001GRTF	CL3507 3/4 HP 1PH	EACH	1
9001GUTF	CM3542 3/4HP 3PH	EACH	1
9001HD1P	HD1P PLAIN ROD ENDS	EACH	2
9001HD1T	HD1T THREADED ROD ENDS	EACH	2
9001HD5	HD5 5/8" ROD END JAM NUT	EACH	2
9001MINE45	MINE 45 1 HOLE PIPE	EACH	6
9001NPHD	NPHD HOLD DOWN NAME	EACH	1
9001NPS	NPS SAGER NAME PLATE	EACH	1
9001SBG1-6	SBG1-6 1 PHASE STARTER	EACH	1
9001SBG2-3	SBG2-3 3 PHASE 230-240V	EACH	1
9001SBG2-5	SBG2-5 3 PHASE 208 VOLT	EACH	1
9001SCG1	SCG1 3 PHASE 440VOLT	EACH	1
9001SNP	SAGER NAME PLATE	EACH	1