

# Drip Canopy

## Product Manual

*For all Curve Conveyor Systems*



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## SECTION 1 INSTALLATION

### Before You Begin

**Note:** Be sure to observe all Lockout-Tagout procedures prior to performing any work on the system.

**Note:** Be sure to wear all necessary Personal Protective Equipment prior to beginning any work.

**Note:** Installation and modifications should adhere to all local, state and national codes and guidelines for electrical and mechanical installation.

### Identify the System Components

Separate and identify each of the system components. Verify that the system contents match the shipper Packing List.

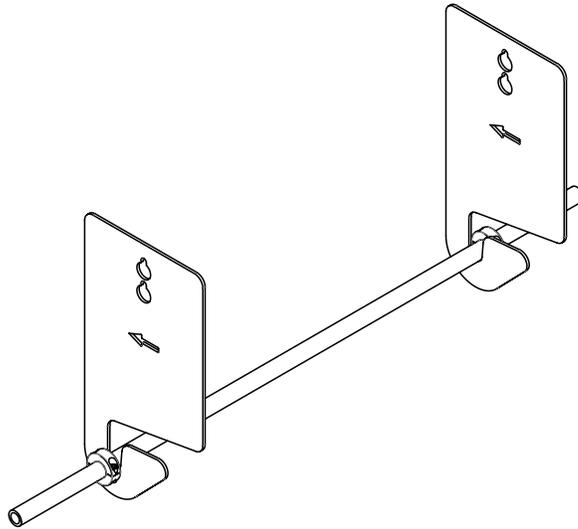
**Note:** The Drip Canopy system is comprised of several components that when combined, create a functional system that is specifically engineered for the application. The quantities and part numbers for each supplied component can be verified with the Packing List.

**Note:** Immediately report any missing items to Lubing Systems Customer Service Department. For a list of current phone numbers and email addresses, please refer to the “General Information” section of this manual.

# Installation

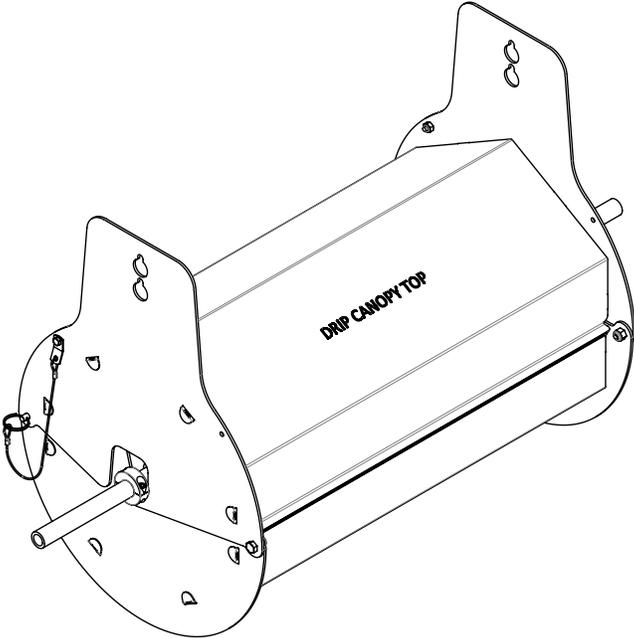
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## Roll Hanger without Enclosure



Roll Hanger without Enclosure, T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
250	--	12S A 140 00A	Roll Hanger without Enclosure T250
350	--	12S A 130 00A	Roll Hanger without Enclosure T350
500	--	12S A 120 00A	Roll Hanger without Enclosure T500
750	--	12S A 110 00A	Roll Hanger without Enclosure T750
1000	--	12S A 100 00A	Roll Hanger without Enclosure T1000

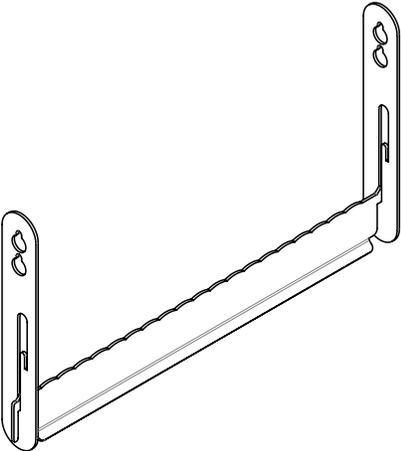
**Roll Hanger with Enclosure**



Roll Hanger with Enclosure T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
250	--	12S A 340 00B	Roll Hanger with Enclosure T250
350	--	12S A 330 00B	Roll Hanger with Enclosure T350
500	--	12S A 320 00B	Roll Hanger with Enclosure T500
750	--	12S A 310 00B	Roll Hanger with Enclosure T750
1000	--	12S A 300 00B	Roll Hanger with Enclosure T1000

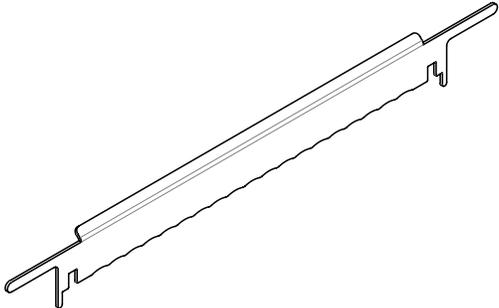
# Installation

## Support Hanger Assembly



Support Hanger Assembly, T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
250	--	12S A 240 00A	Support Hanger Assembly T250
350	--	12S A 230 00A	Support Hanger Assembly T350
500	--	12S A 220 00A	Support Hanger Assembly T500
750	--	12S A 210 00A	Support Hanger Assembly T750
1000	--	12S A 200 00A	Support Hanger Assembly T1000

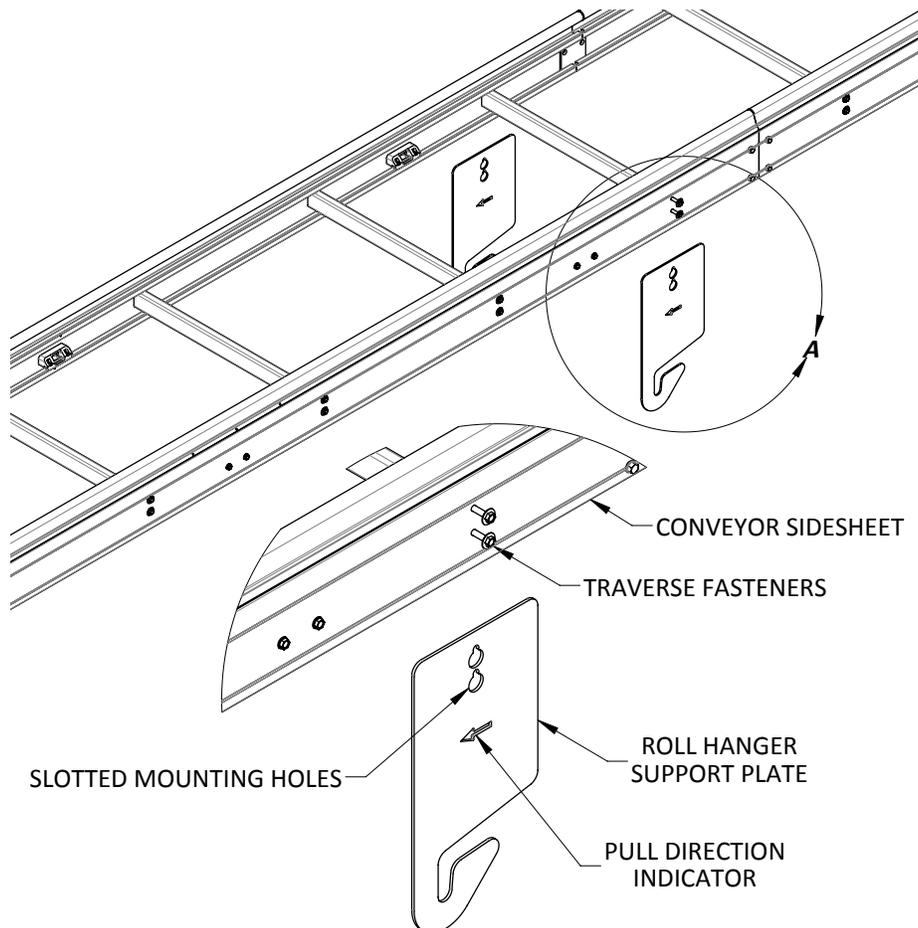
**Lock Bar**



<b>Lock Bar, T250 - T1000</b>			
<b>Conveyor Type</b>	<b>Part Number</b>	<b>Drawing Number</b>	<b>Description</b>
250	--	12S A 240 03A	Lock Bar T250
350	--	12S A 230 03A	Lock Bar T350
500	--	12S A 220 03A	Lock Bar T500
750	--	12S A 210 03A	Lock Bar T750
1000	--	12S A 200 03A	Lock Bar T1000

## Roll Hanger Installation

### Roll Hanger without Enclosure Installation



1. Determine location for installation of Roll Hanger without Enclosure.

**Note:** If using Roll Hanger with Enclosure see Roll Hanger with Enclosure installation instructions.

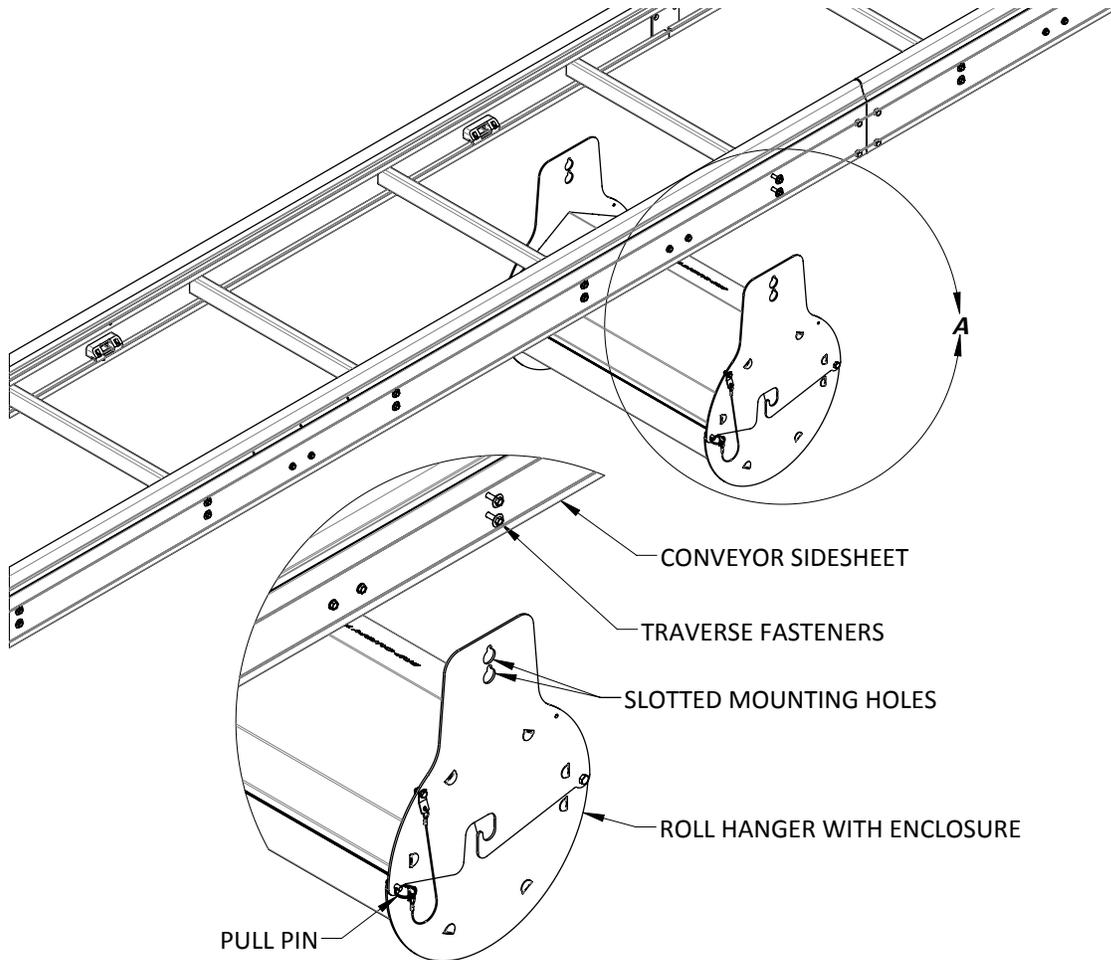
2. Loosen Traverse Fasteners and attach Roll Hanger Support Plates using slotted mounting holes.

**Note:** Ensure that pull direction indicator arrow points in the direction that paper will be pulled.

**Note:** Slotted mounting holes allow for Roll Hanger Support Plates to be installed without the removal of Traverse Fasteners.

3. Tighten Traverse Fasteners.
4. Repeat for opposite side.

## Roll Hanger with Enclosure Installation



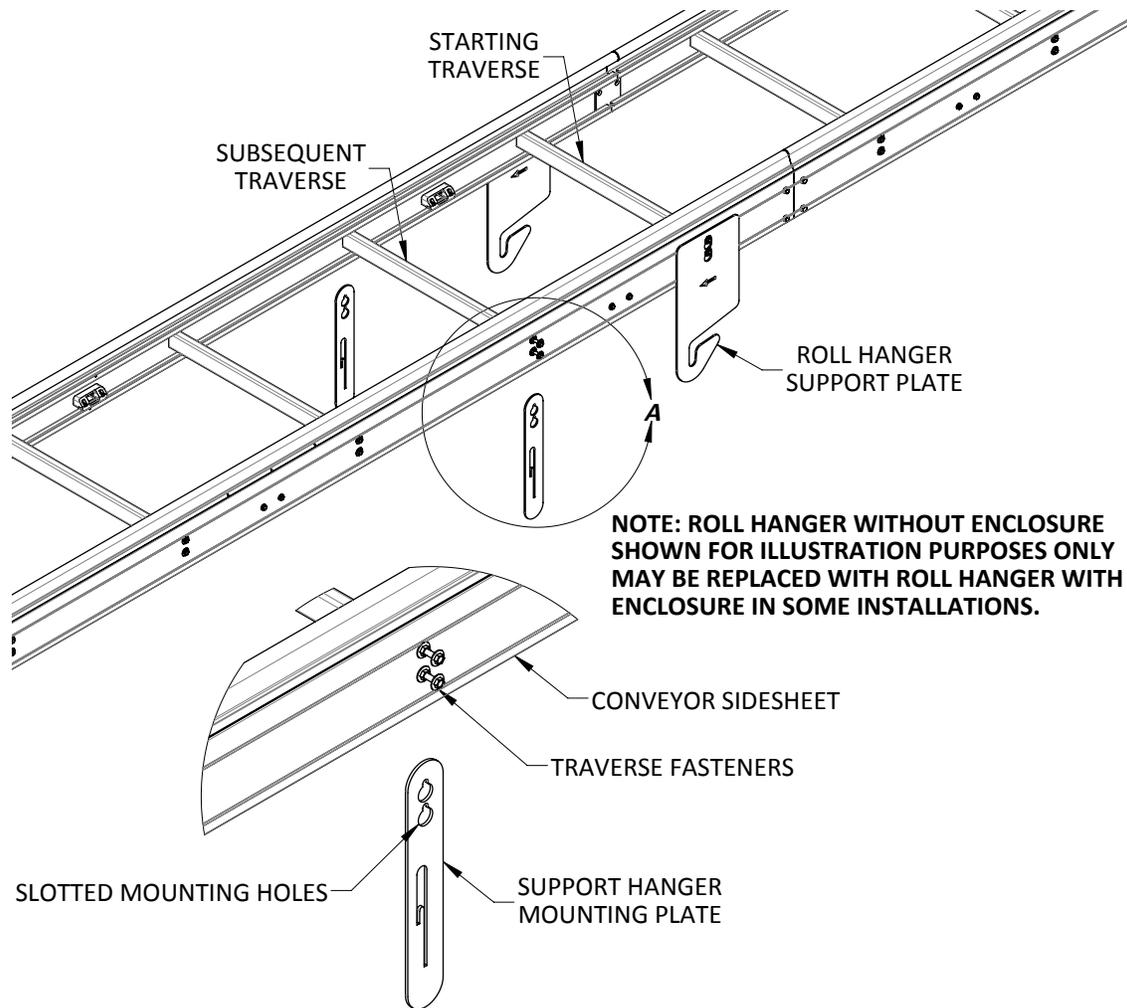
1. Determine location for installation of Roll Hanger with Enclosure.
2. Loosen Traverse Fasteners on both sides of conveyor and attach Roll Hanger with Enclosure using slotted mounting holes.

**Note:** Ensure that Pull Pins are located toward the direction that paper will be pulled.

**Note:** Slotted mounting holes allow for Roll Hanger with Enclosure to be installed without the removal of Traverse Fasteners.

3. Tighten Traverse Fasteners.

## Support Hanger Assembly Installation

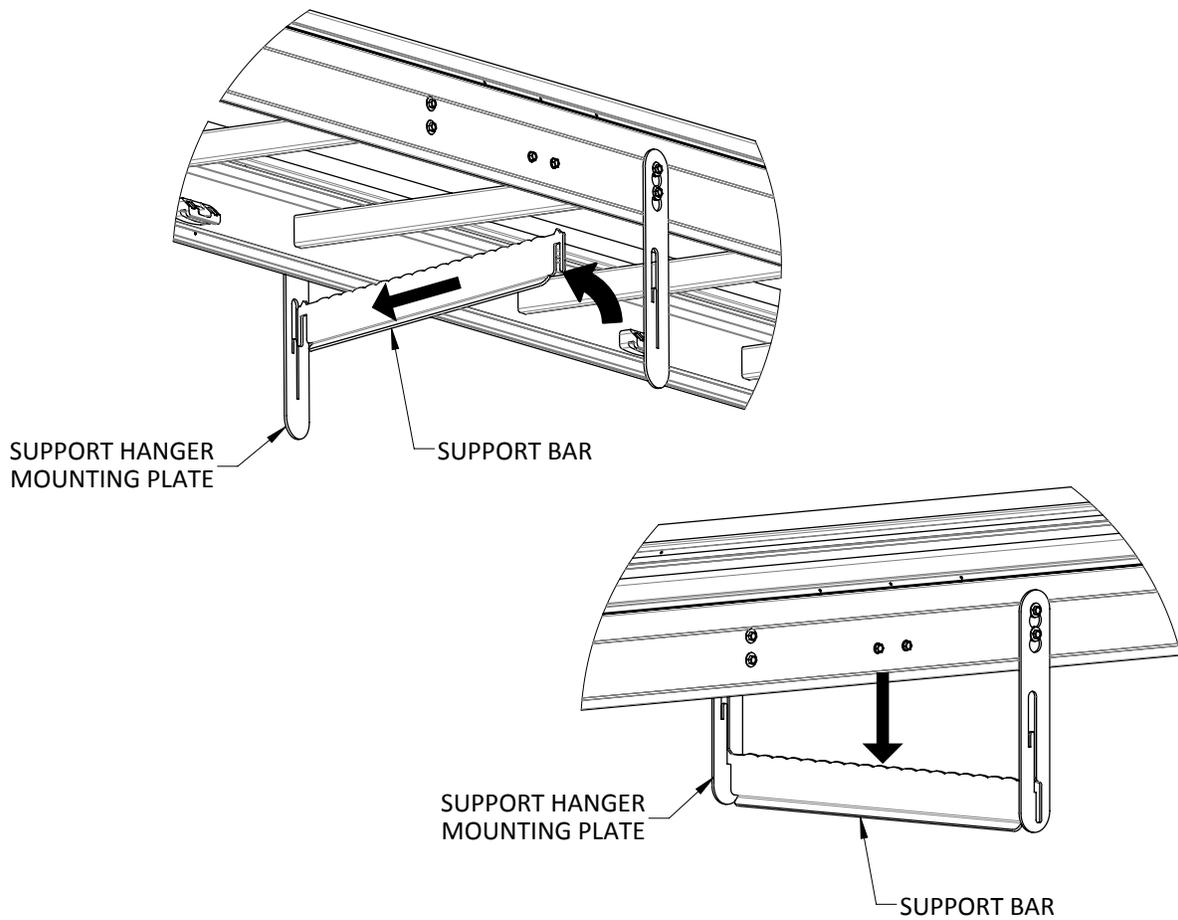


1. Locate first traverse downstream from installed Roll Hanger.
2. Loosen Traverse Fasteners and attach Support Hanger Mounting Plate using slotted mounting holes.

**Note:** Slotted mounting holes allow for Support Hanger Mounting Plates to be installed without the removal of Traverse Fasteners

3. Tighten Traverse Fasteners.
4. Repeat for opposite side.

## Support Bar Installation

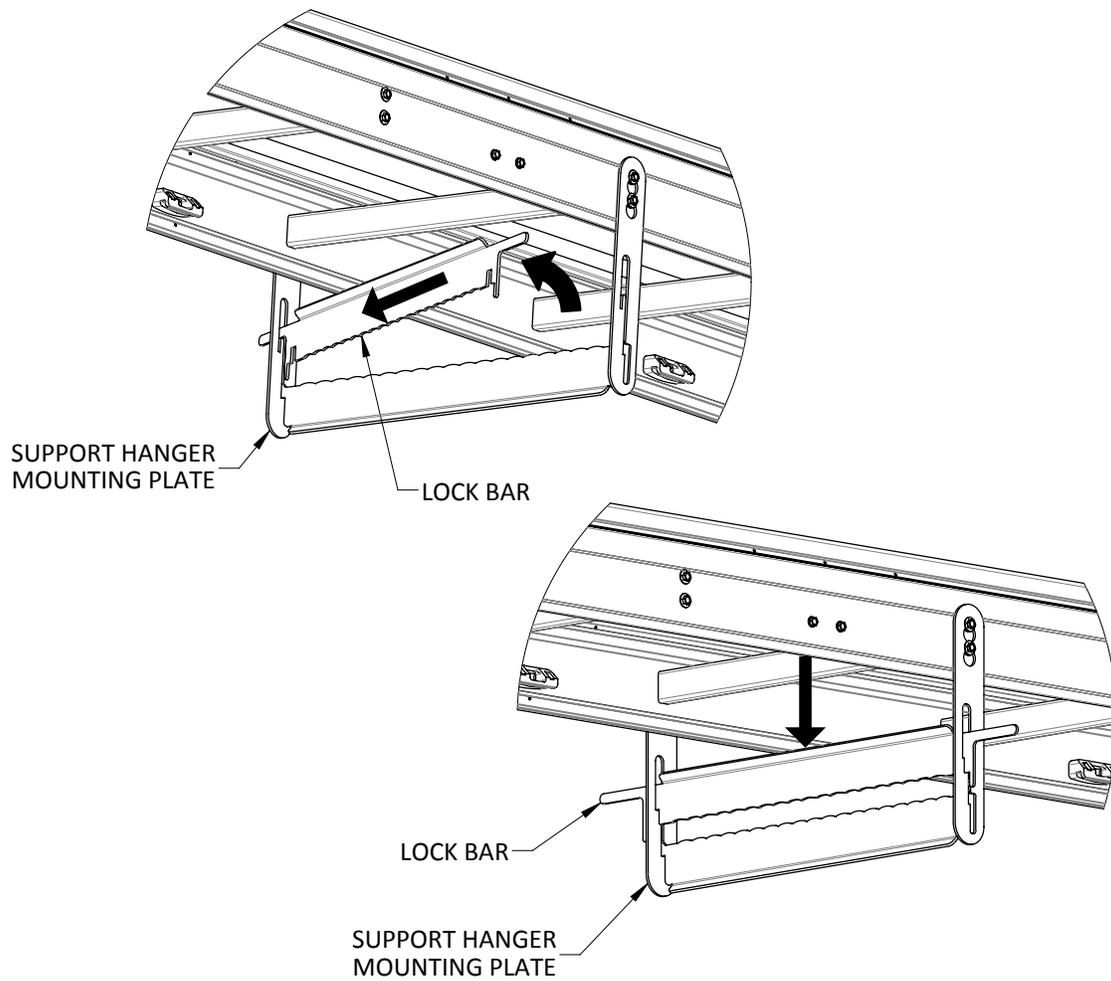


1. At an angle, insert one end of Support Bar into Support Hanger Mounting Plate.
2. Insert other end into Support Hanger Mounting Plate on opposite side.
3. Lower Support Bar into position.

# Installation

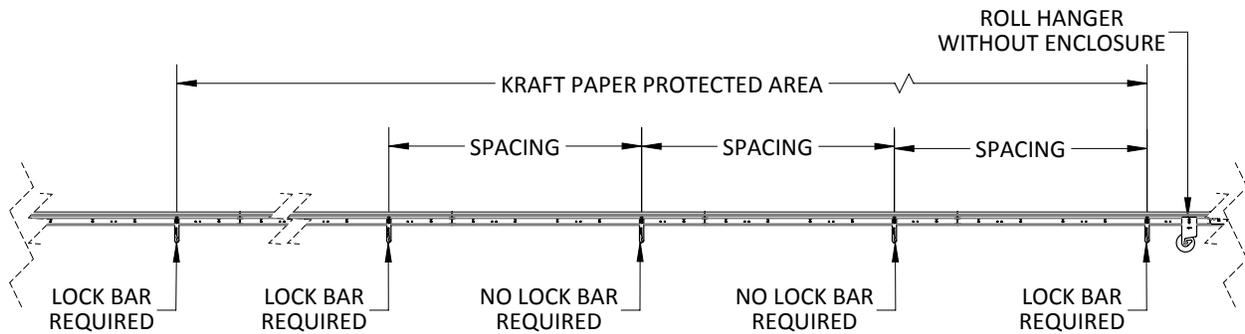
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## Lock Bar Installation



1. At an angle, insert one end of Lock Bar into Support Hanger Mounting Plate.
2. Insert other end into Support Hanger Mounting Plate on opposite side.
3. Lower Lock Bar into position.

## Installation, Connecting parts



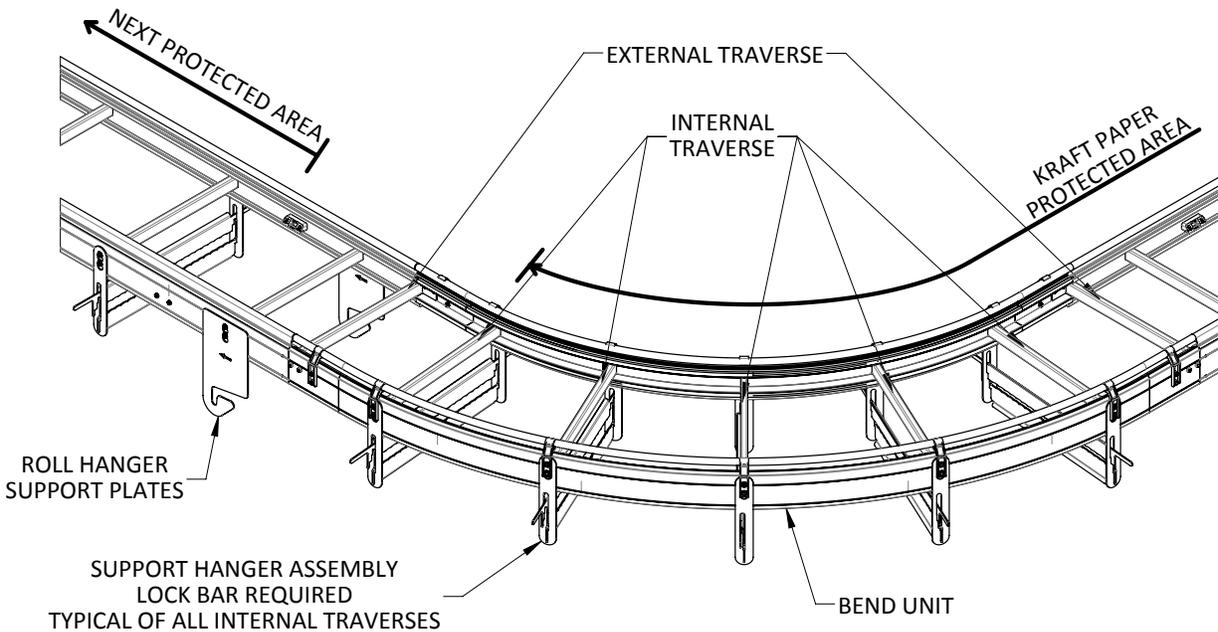
**NOTE: ROLL HANGER WITHOUT ENCLOSURE SHOWN FOR ILLUSTRATION PURPOSES ONLY, MAY BE REPLACED WITH ROLL HANGER WITH ENCLOSURE IN SOME INSTALLATIONS.**

1. Install a Support Bar Assembly at each connecting part.

**Note:** Type 250 thru Type 750 spacing will be 3m. Type 1000 spacing will be 2m.

**Note:** A Lock Bar should be installed at the first Support Bar Assembly, the last Support Bar Assembly, and every third Support Bar Assembly in between.

## Installation, Bend Unit



**NOTE: ROLL HANGER WITHOUT ENCLOSURE SHOWN FOR ILLUSTRATION PURPOSES ONLY, MAY BE REPLACED WITH ROLL HANGER WITH ENCLOSURE IN SOME INSTALLATIONS**

Conveyor Type	Degree of Bend	Number of Internal Traverses
250	45	3
	90	3
350	45	4
	90	4
500	45	4
	90	5
750	45	4
	90	7
1000	45	5
	90	9

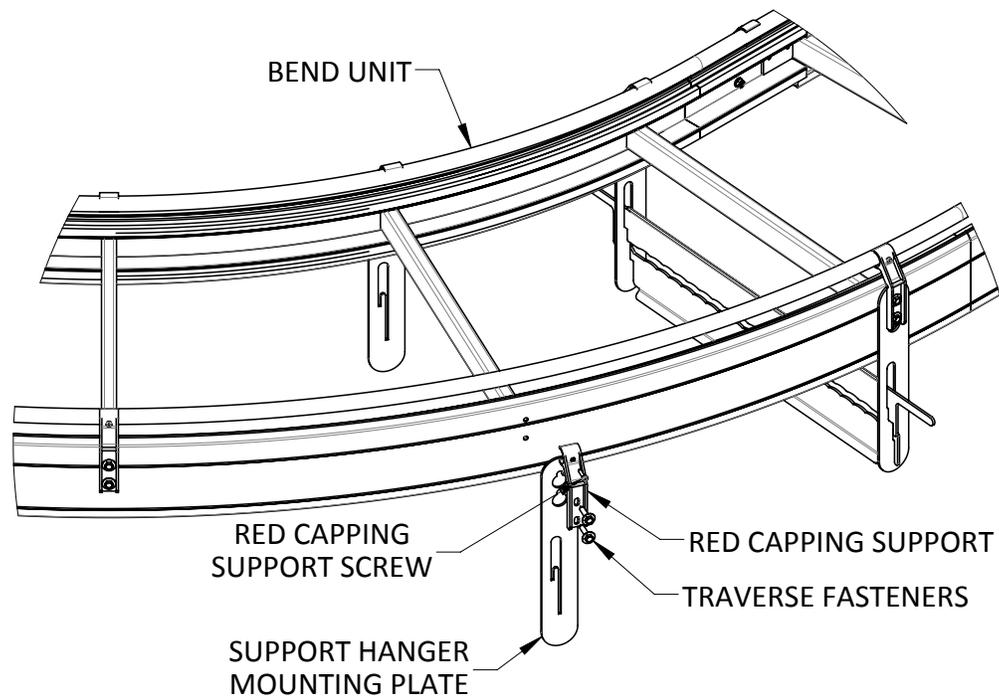
- If a Bend Unit is encountered, install Support Bar Assemblies and Lock Bar at each internal traverse on Bend Unit.

**Note:** Refer to the Support Hanger Assembly Installation, Bend Unit section of this manual for instructions on how to install Support Hanger Assembly in a Bend Unit.

**Note:** Refer to the chart above to determine the number of Support Bar Assemblies and Lock Bars required for the Bend Unit.

- To continue, Install another Roll Hanger on first connecting part traverse after Bend Unit.
- Install a Support Bar Assembly with Lock Bar on traverse after Roll Hanger.

## Support Hanger Assembly Installation, Bend Unit

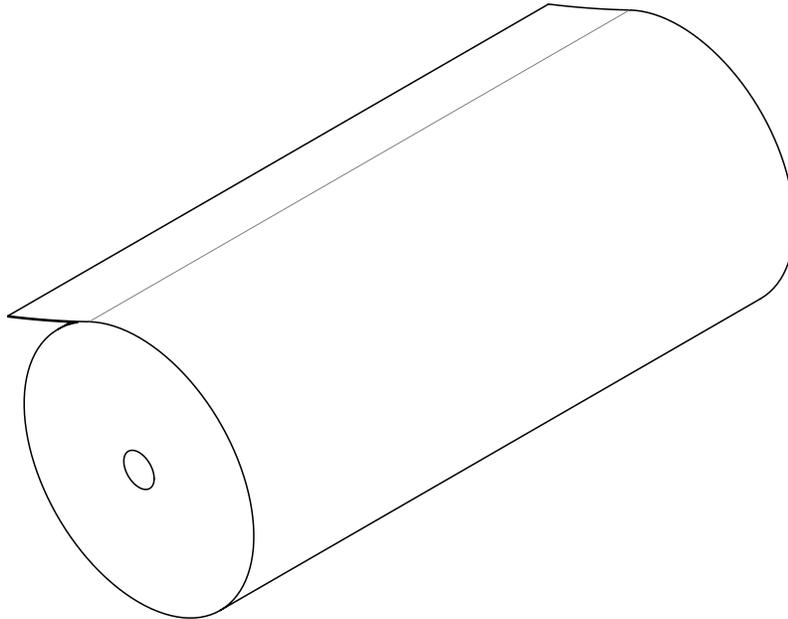


1. Remove Traverse Fasteners and Red Capping Support Screw.
2. Place Support Hanger Mounting Plate behind Red Capping Support and attach using Traverse Fasteners.
3. Install Red Capping Support Screw.
4. Install Support Bar (Refer to Support Bar Installation Section).
5. Install Lock Bar (Refer to Lock Bar Installation Section).

## SECTION 2 SYSTEM OPERATION

### Recommended Kraft Paper Weight and Width

(Customer Supplied)



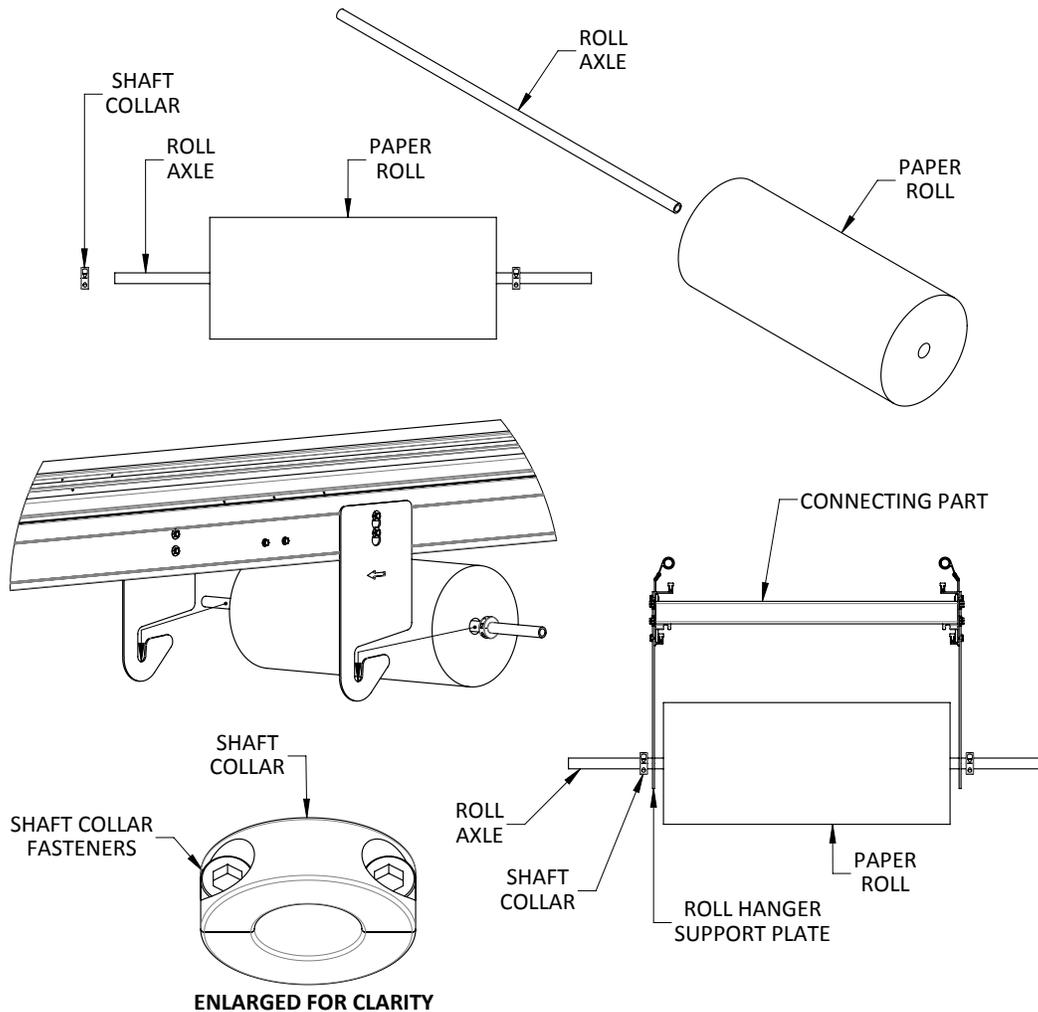
Drip Canopy Recommended Paper Specifications		
Conveyor Type	Paper Weight	Paper Width
250	30#	9-in
350	40#	15-in
500	40#	20-in
750	50#	30-in
1000	50#	40-in

**Note:** Be sure to observe all Lockout-Tagout procedures prior to installing Kraft Paper Roll or pulling paper through system.

**Note:** If Roll Hanger without Enclosure is installed Kraft Paper Roll should be removed or protected during conveyor operation to ensure the integrity of the paper roll.

**Note:** If Roll Hanger with Enclosure is installed, the enclosure should be closed during conveyor operation to ensure the integrity of the paper roll.

## Installing Kraft Paper Roll, Roll Hanger without Enclosure



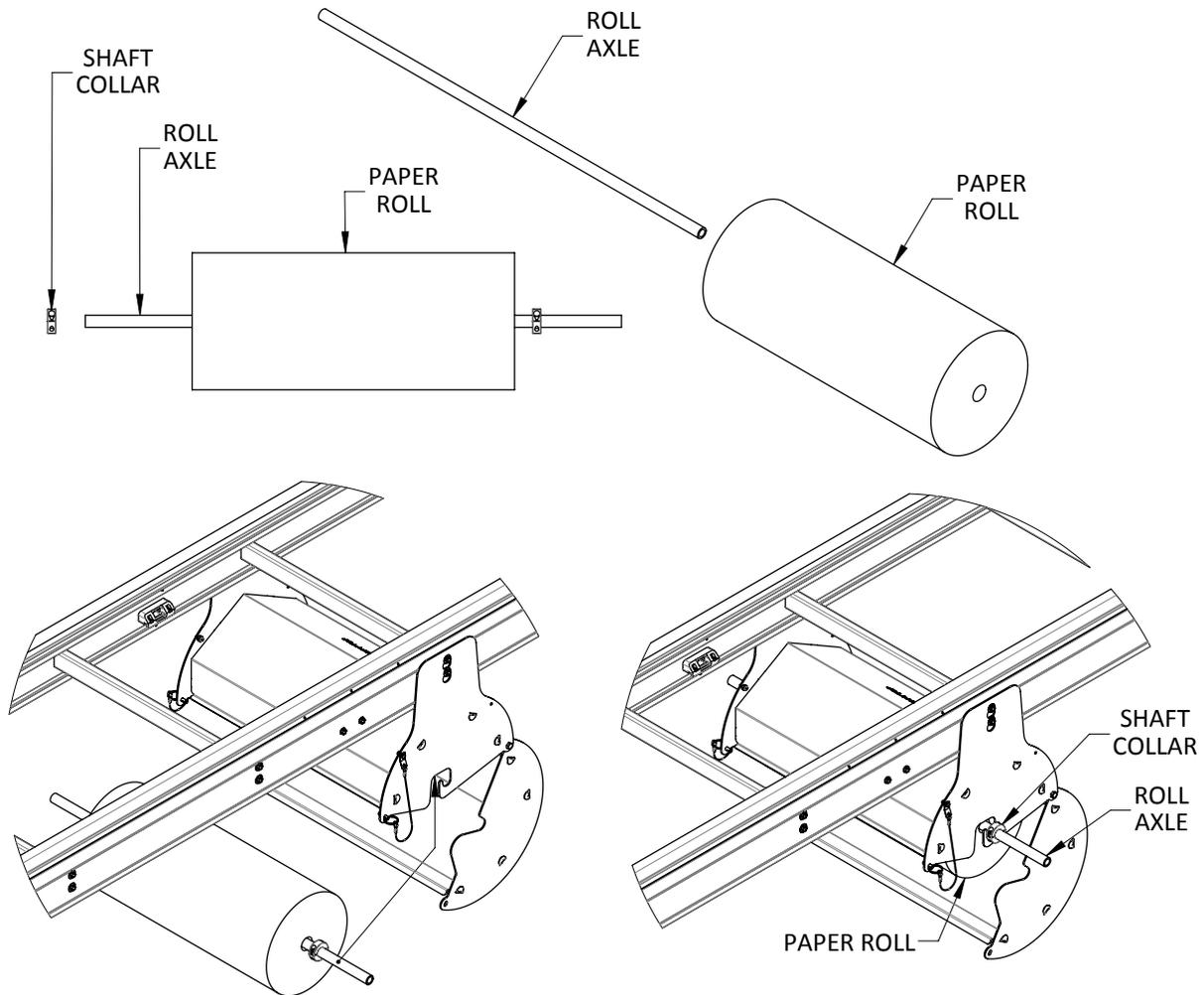
1. Feed Roll Axle through Paper Roll and install Shaft Collars.

**Note:** Ensure that Shaft Collar Fasteners are tightened before lifting Paper Roll into position. Improper installation of Shaft Collars could lead to Paper Roll sliding out of assembly.

2. Lift Paper Roll with Roll Axle and place on Roll Hanger Support Plates.

# System Operation

## Installing Kraft Paper Roll, Roll Hanger with Enclosure

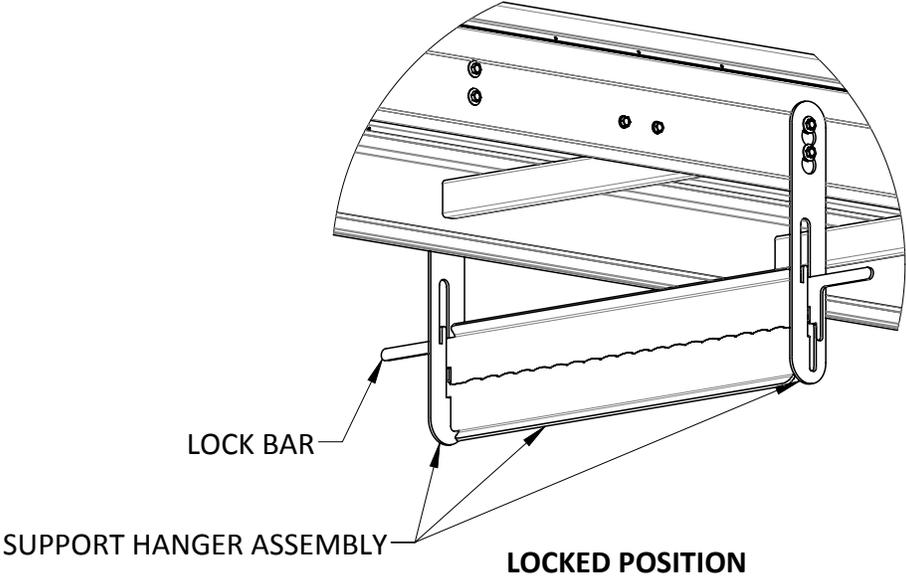
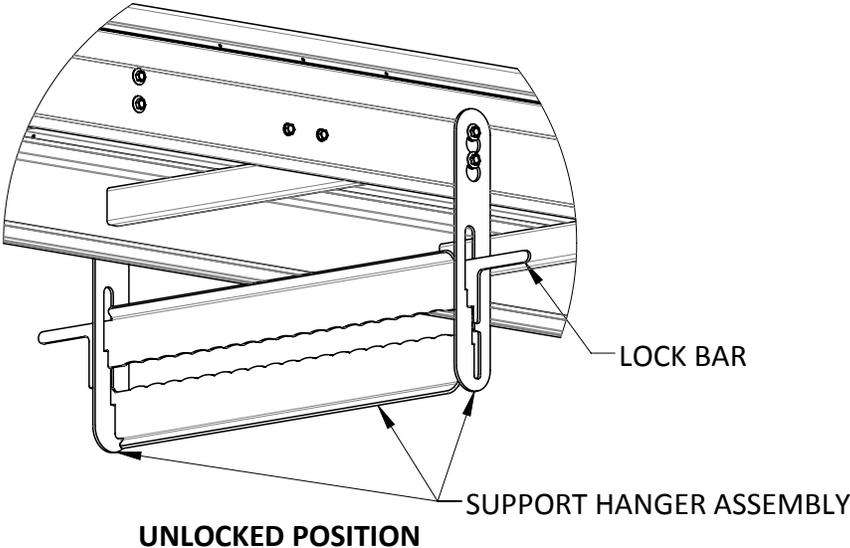


1. Remove Pull Pins and open Roll Hanger with Enclosure.
2. Feed Roll Axle through Paper Roll and install Shaft Collars.

**Note:** Ensure that Shaft Collar Fasteners are tightened before lifting Paper Roll into position. Improper installation of Shaft Collars could lead to Paper Roll sliding out of assembly.

3. Lift Paper Roll with Roll Axle and place in groove on Roll Hanger with Enclosure.
4. If desired, close Roll Hanger with Enclosure and reinstall Pull Pins.

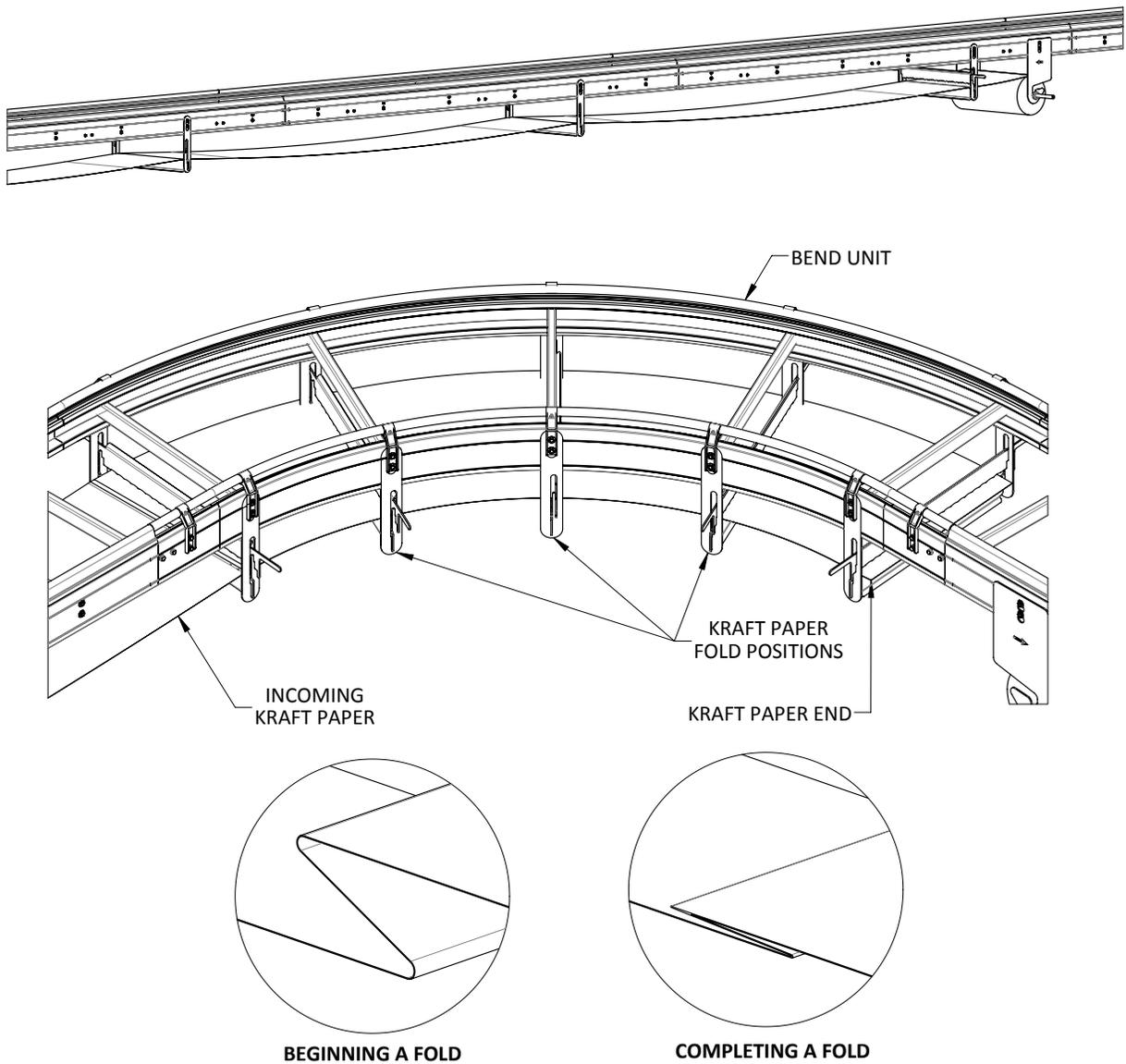
Lock Bar Positions



- 1. Move all Lock Bars to their unlocked position.

# System Operation

## Pulling Paper Through System

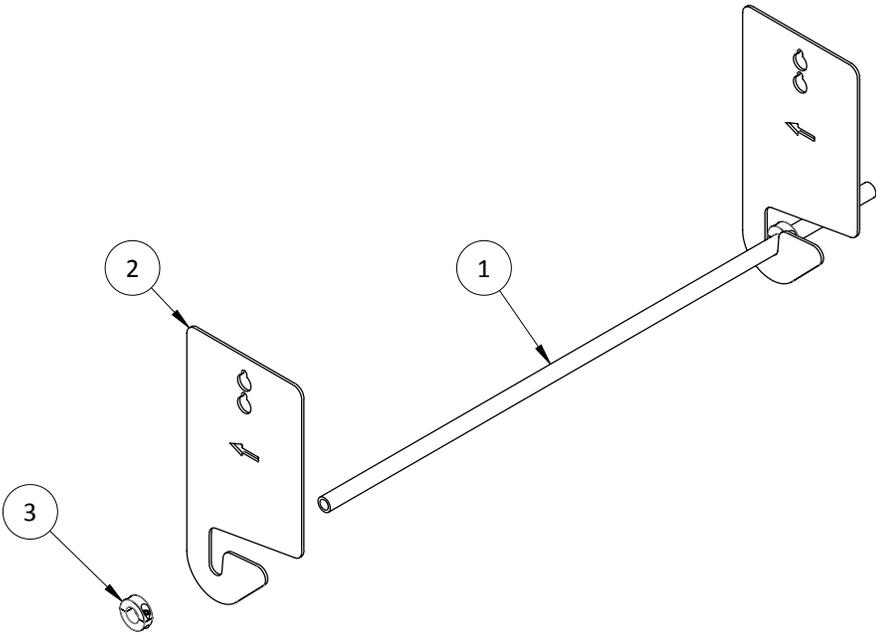


2. With Lock Bars in their unlocked position, pull the Kraft Paper through system by feeding it through each Hanger Support Assembly making certain the Kraft Paper goes underneath each Lock Bar.
3. If a Bend Unit is encountered, fold Craft Paper on inside radius of Bend Unit and hold in position with Lock Bars.

**SECTION 3 COMPONENT DETAILS**

**Roll Hanger without Enclosure, T250 - T1000**

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	T250	T350	T500	T750	T1000
1	12S A 140 02A		Roll Axle T250	1	-	-	-	-
1	12S A 130 02A		Roll Axle T350	-	1	-	-	-
1	12S A 120 02A		Roll Axle T500	-	-	1	-	-
1	12S A 110 02A		Roll Axle T750	-	-	-	1	-
1	12S A 100 02A		Roll Axle T1000	-	-	-	-	1
2	12S A 100 01A		Roll Hanger	2	2	2	2	2
3		6436K360	Shaft Collar, 3/4"	2	2	2	2	2

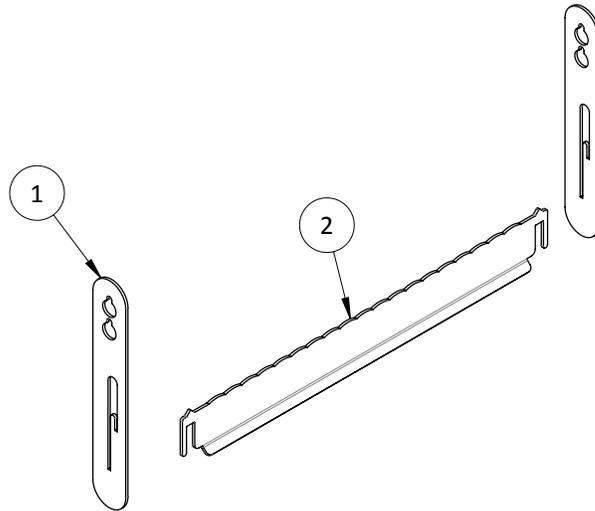


Roll Hanger without Enclosure, T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
250	--	12S A 140 00A	Roll Hanger without Enclosure T250
350	--	12S A 130 00A	Roll Hanger without Enclosure T350
500	--	12S A 120 00A	Roll Hanger without Enclosure T500
750	--	12S A 110 00A	Roll Hanger without Enclosure T750
1000	--	12S A 100 00A	Roll Hanger without Enclosure T1000

# Component Details

## Support Hanger Assembly, T250 - T1000

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	T250	T350	T500	T750	T1000
1	12S A 200 01A		Support Hanger	2	2	2	2	2
2	12S A 240 02A		Support Bar T250	1	-	-	-	-
2	12S A 230 02A		Support Bar T350	-	1	-	-	-
2	12S A 220 02A		Support Bar T500	-	-	1	-	-
2	12S A 210 02A		Support Bar T750	-	-	-	1	-
2	12S A 200 02A		Support Bar T1000	-	-	-	-	1



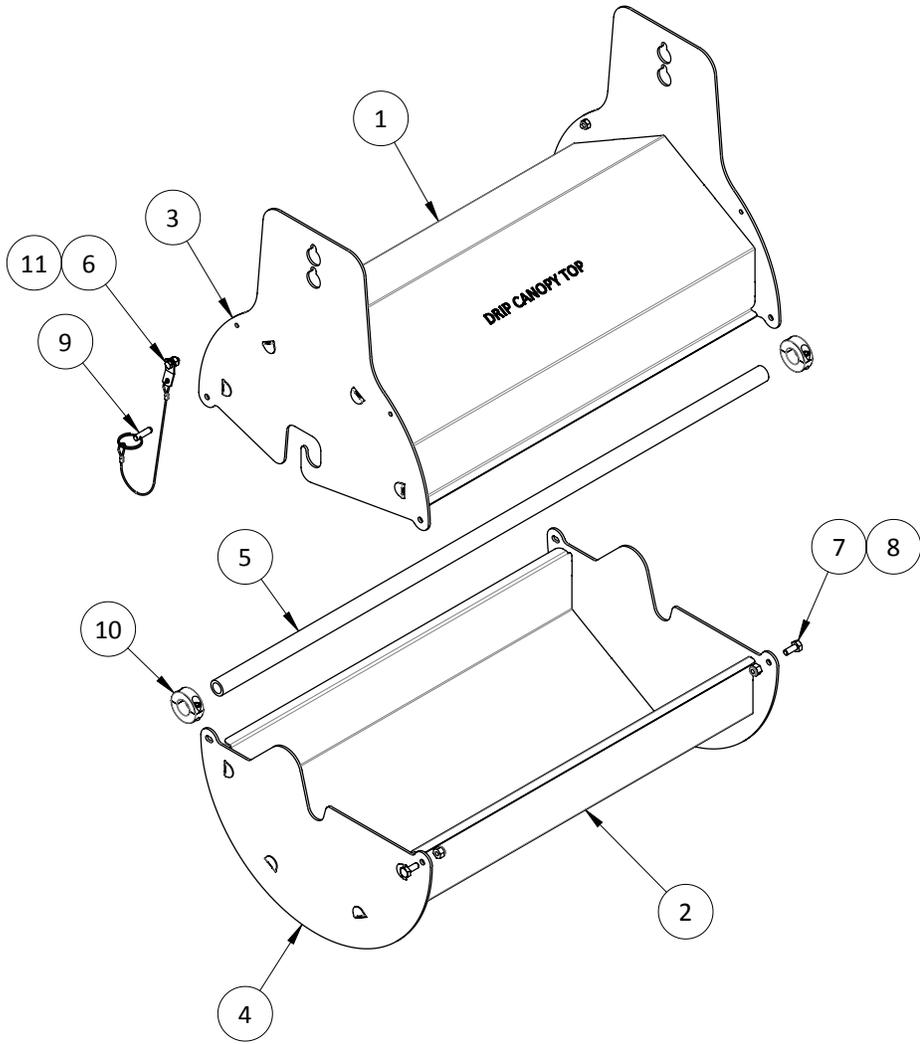
Support Hanger Assembly, T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
T250	--	12S A 240 00A	Support Hanger Assembly T250
T350	--	12S A 230 00A	Support Hanger Assembly T350
T500	--	12S A 220 00A	Support Hanger Assembly T500
T750	--	12S A 210 00A	Support Hanger Assembly T750
T1000	--	12S A 200 00A	Support Hanger Assembly T1000

## Component Details

### Roll Hanger with Enclosure T250 - T1000

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	T250	T350	T500	T750	T1000
1	12S A 340 02B		Roll Closure Top T250	1	-	-	-	-
1	12S A 330 02B		Roll Closure Top T350	-	1	-	-	-
1	12S A 320 02B		Roll Closure Top T500	-	-	1	-	-
1	12S A 310 02B		Roll Closure Top T750	-	-	-	1	-
1	12S A 300 02B		Roll Closure Top T1000	-	-	-	-	1
2	12S A 300 03B		Roll Closure Bottom T1000	-	-	-	-	1
2	12S A 310 03B		Roll Closure Bottom T750	-	-	-	1	-
2	12S A 320 03B		Roll Closure Bottom T500	-	-	1	-	-
2	12S A 330 03B		Roll Closure Bottom T350	-	1	-	-	-
2	12S A 340 03B		Roll Closure Bottom T250	1	-	-	-	-
3	12S A 300 01B		Roll Hanger	2	2	2	2	2
4	12S A 300 04A		Pivot Plate	2	2	2	2	2
5	12S A 140 02A		Roll Axle T250	1	-	-	-	-
5	12S A 130 02A		Roll Axle T350	-	1	-	-	-
5	12S A 120 02A		Roll Axle T500	-	-	1	-	-
5	12S A 110 02A		Roll Axle T750	-	-	-	1	-
5	12S A 100 02A		Roll Axle T1000	-	-	-	-	1
6		F8-7-8-3-8	#10-32 x 1/2" Hex Bolt, Stainless	2	2	2	2	2
7		F8-7-19-2-10	1/4-20 x 5/8" Hex Bolt, Stainless	2	2	2	2	2
8		F8-29-19-2-0	1/4-20 Nylock Nut, Stainless	2	2	2	2	2
9		94975A366	Pull Pin	2	2	2	2	2
10		6436K360	Shaft Collar, 3/4"	2	2	2	2	2
11		F8-29-8-3-0	#10-32 Nylock Nut, Stainless	2	2	2	2	2

# Component Details



Roll Hanger with Enclosure T250 - T1000			
Conveyor Type	Part Number	Drawing Number	Description
250	--	12S A 340 00B	Roll Hanger with Enclosure T250
350	--	12S A 330 00B	Roll Hanger with Enclosure T350
500	--	12S A 320 00B	Roll Hanger with Enclosure T500
750	--	12S A 310 00B	Roll Hanger with Enclosure T750
1000	--	12S A 300 00B	Roll Hanger with Enclosure T1000

**SECTION 4 GENERAL INFORMATION**

**Lubing Contact Information**

**Lubing Systems, L.P.**

135 Corporate Drive SW  
Cleveland, TN 37311 USA  
423 709.1000 telephone  
866 289.3237 toll-free fax

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[support@lubingusa.com](mailto:support@lubingusa.com)

Lubing Systems, L.P. USA Website  
General Information Requests  
Customer Service/Order Assistance  
Technical Support Requests

## General Information

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### Lubing Regional Sales Contact Information



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Contact your local Lubing Distributor or Representative for additional information regarding Lubing products.

Northeast/Canada MA,VT, NH, ME, RI, CT, NY, NJ, PA, DE,  
GEORGE BAILEY MD, VA, WV, NC, MI, OH  
Cell: (540) 908-8899 East Canada: MB, ON, QC, NB, NL, PEI  
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All technical content in this manual is subject to change.



# LUBING

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Contact your local Lubing Distributor or Representative for additional information regarding Lubing products.

**Northeast/Canada** MA,VT, NH, ME, RI, CT, NY, NJ, PA, DE,  
**GEORGE BAILEY** MD, VA, WV, NC, MI, OH  
Cell: (540) 908-8899 East Canada: MB, ON, QC, NB, NL, PEI  
Fax: (540) 433-7400  
E-mail: gbailey@lubingusa.com

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