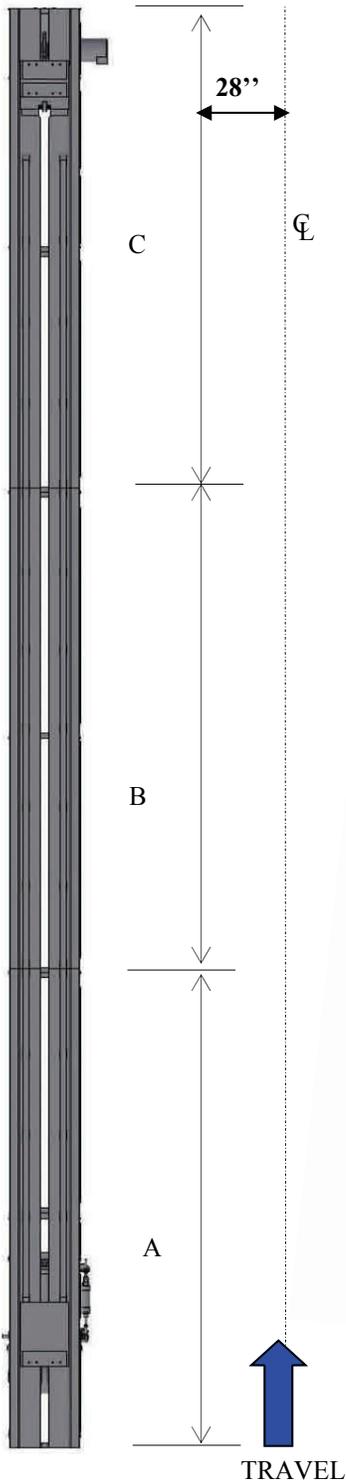


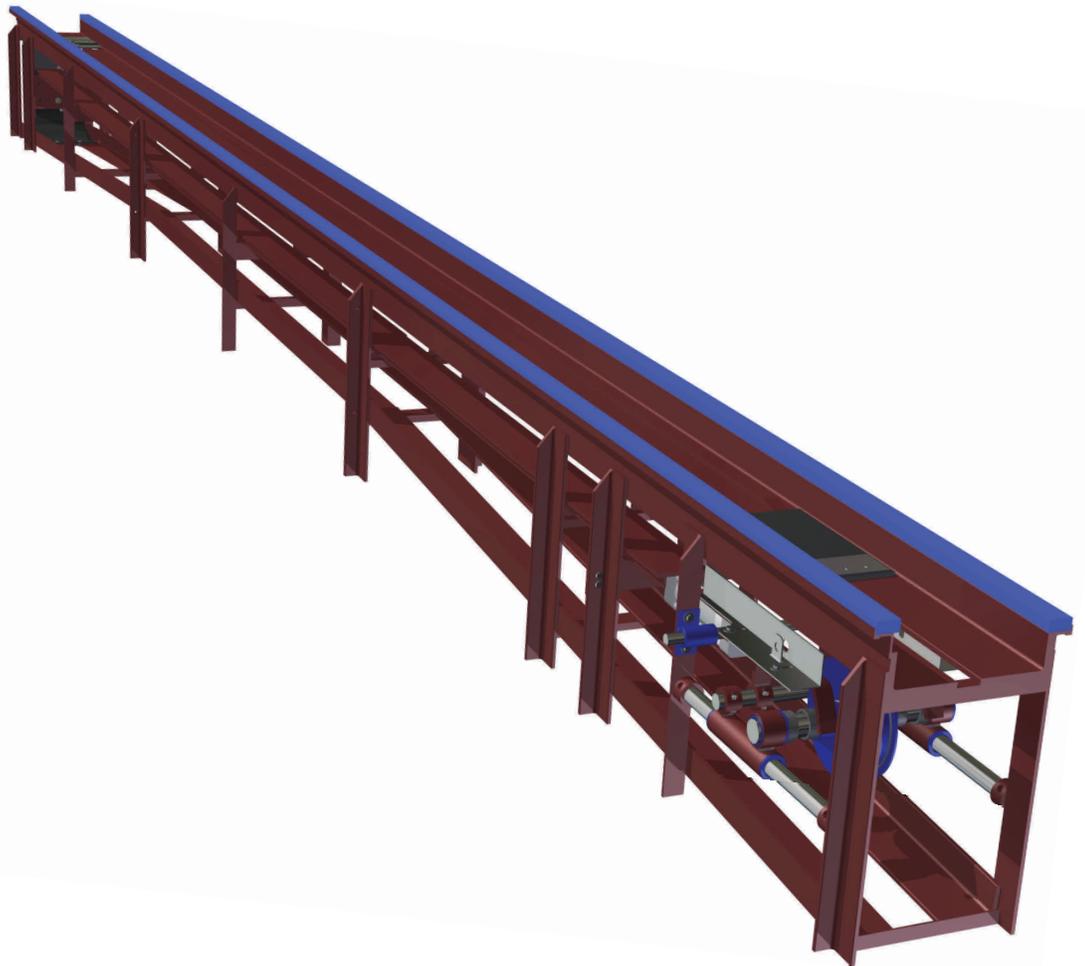
ROLLER CONVEYOR, MODEL CN1-3524

Three Track "On Demand" Conveyor. Heavy Duty Steel. Air Take-up for smooth Operation which makes tightening the chain a simple task.

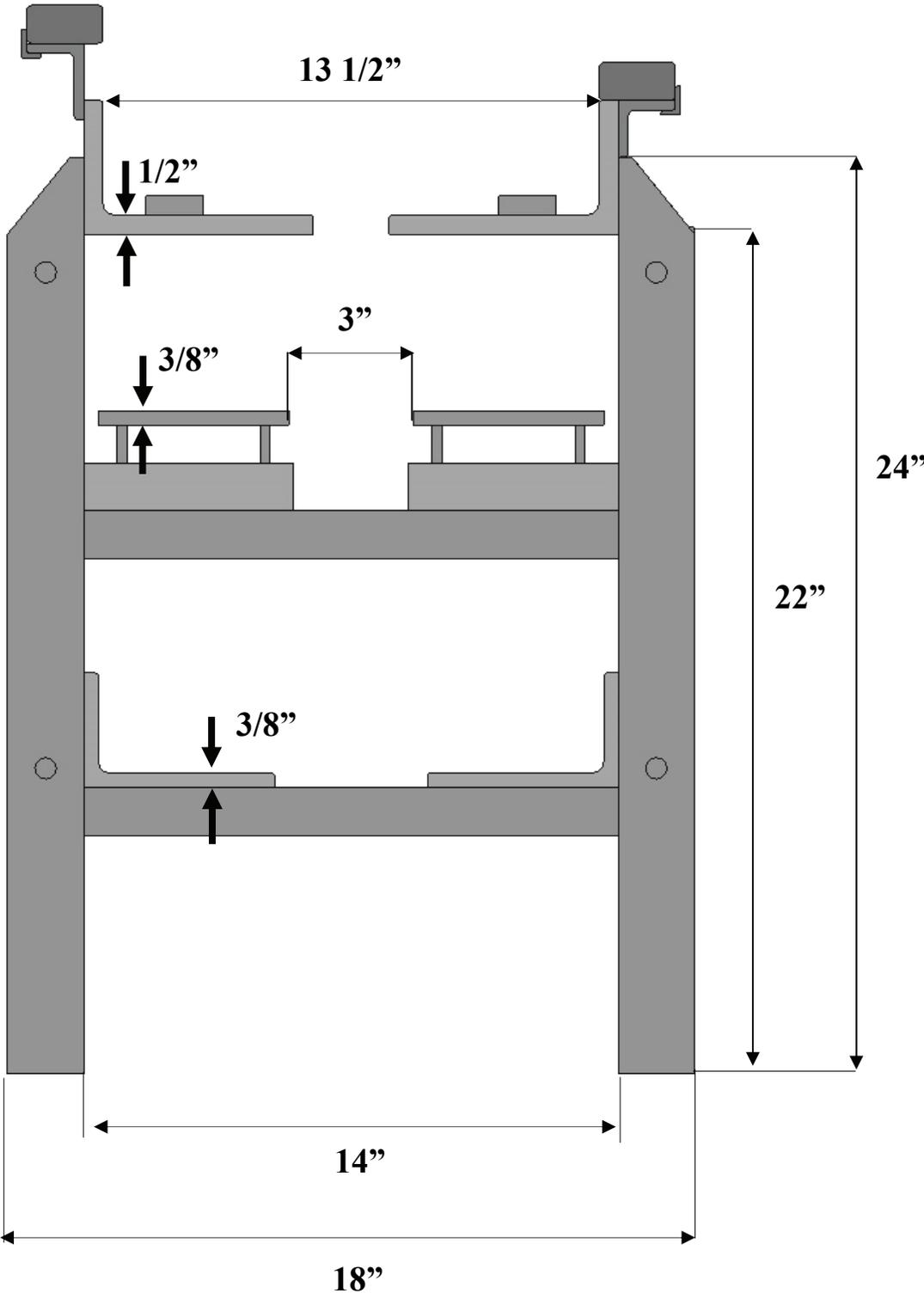
- **3-Track Design**
- **Beveled Stainless Guide or Plastic**
 - **Greaseless**
 - **Direct Drive Hydraulics**
 - **Choice of roller Styles**
- **Also available in Stainless Steel**



*A - TAKE-UP SECTION - 10 ft
B - MIDDLE SECTION - 10 ft
C - DRIVE SECTION - 10 ft*



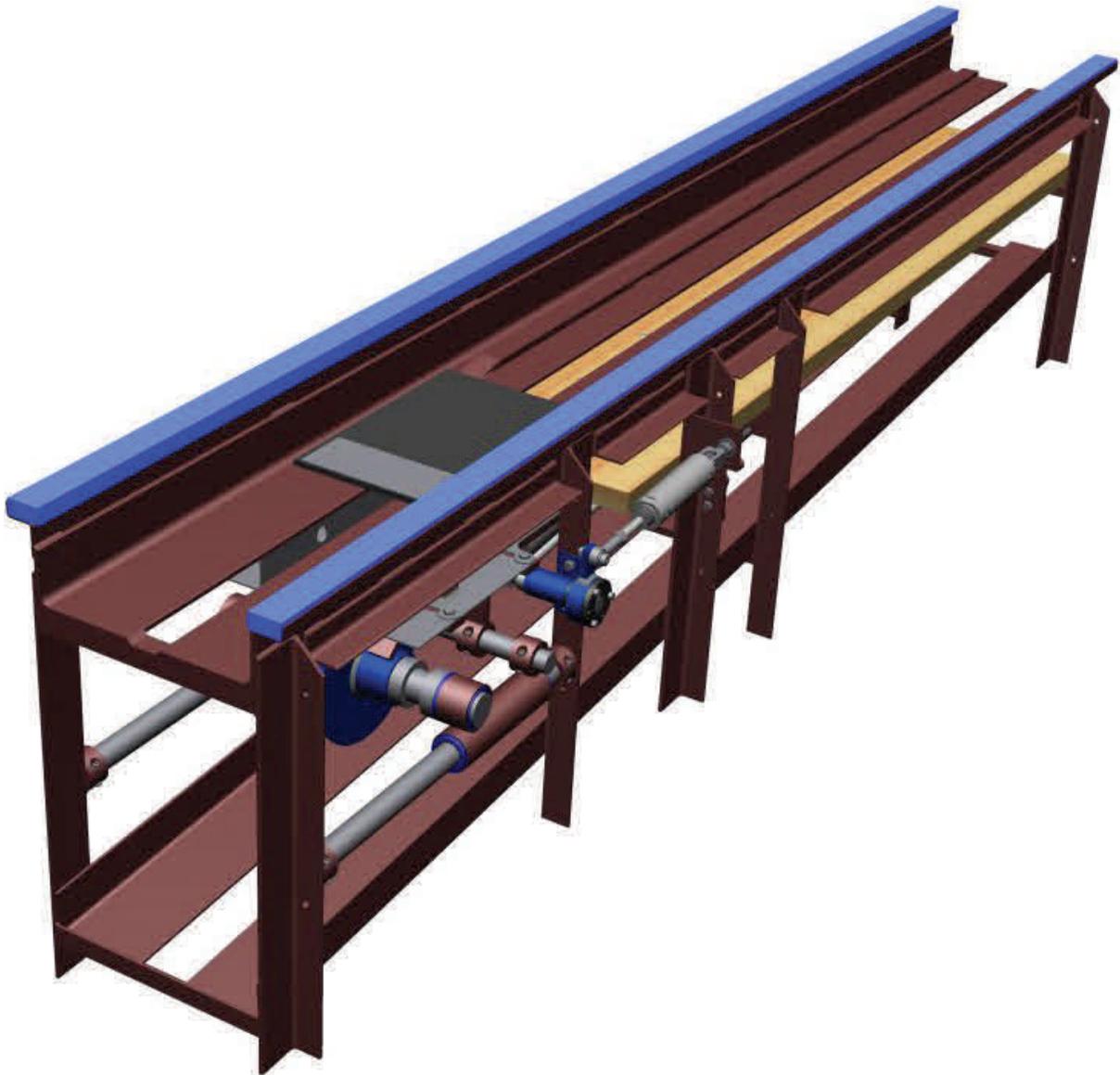
ROLLER CONVEYOR, MODEL CN1-3524



ROLLER CONVEYOR, MODEL CN1- 3524 TAKE UP SECTION

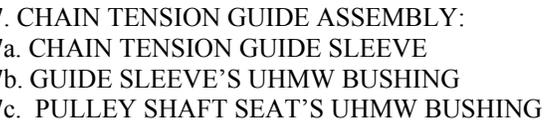
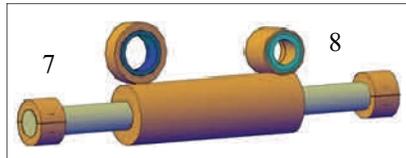
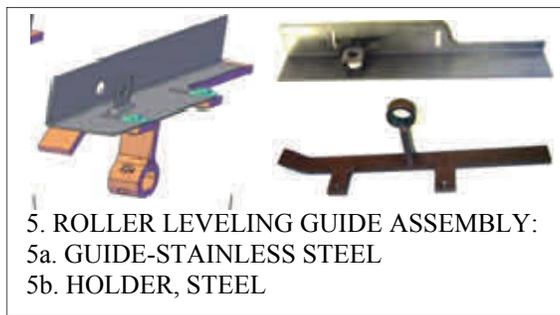
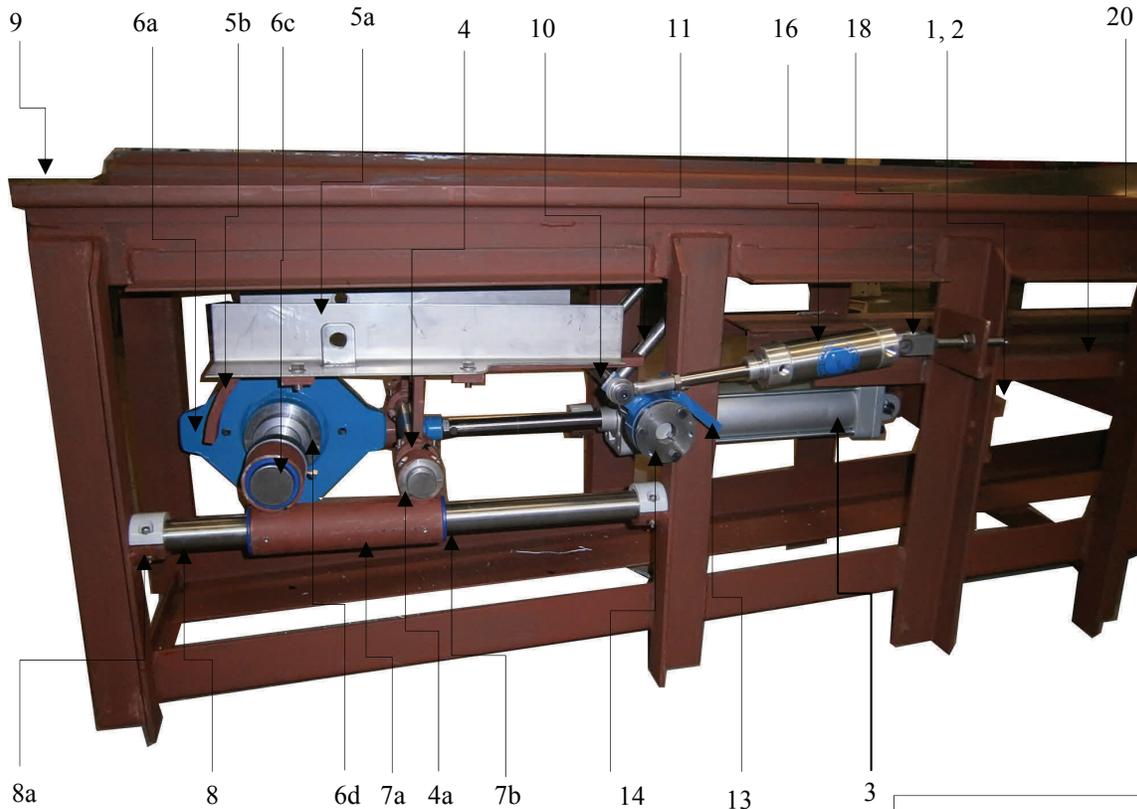
TAKE UP SECTION

- *Pneumatic roller up*
- *Pneumatic chain tensioning*
- *Electronic roller locator available*
- *Electronic tension sensor available*

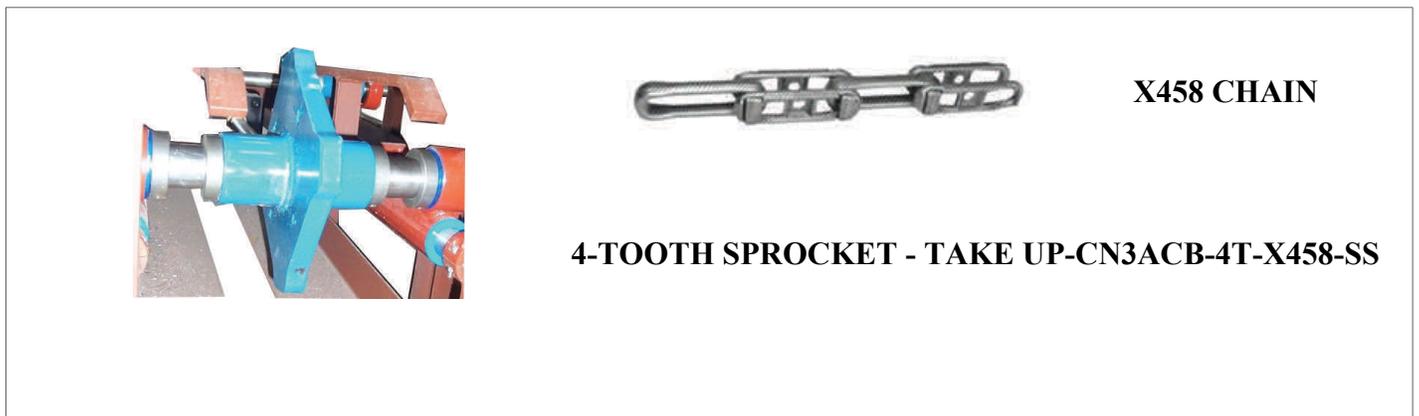
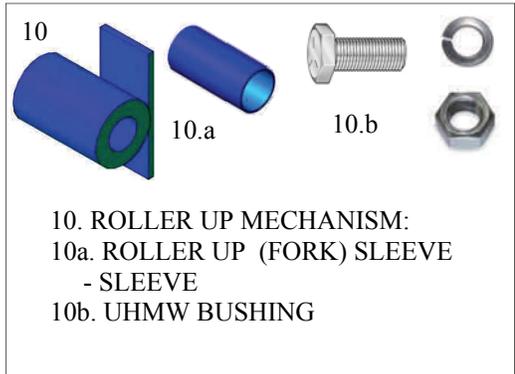
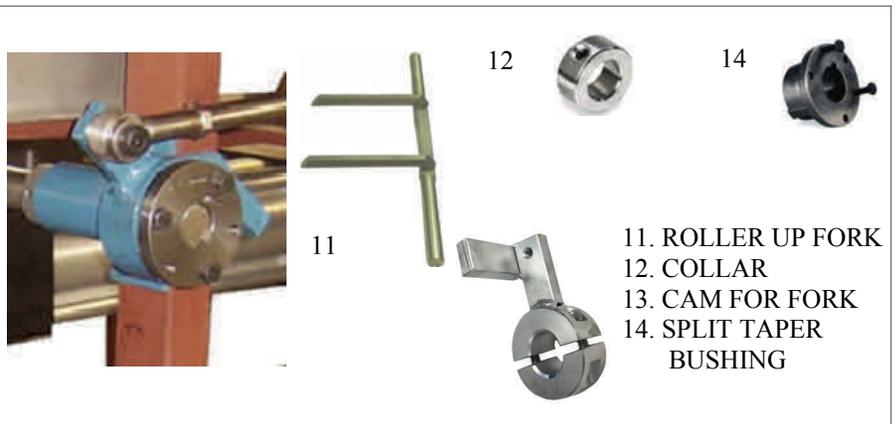


ROLLER CONVEYOR, MODEL CN1-3524-TAKE UP SECTION

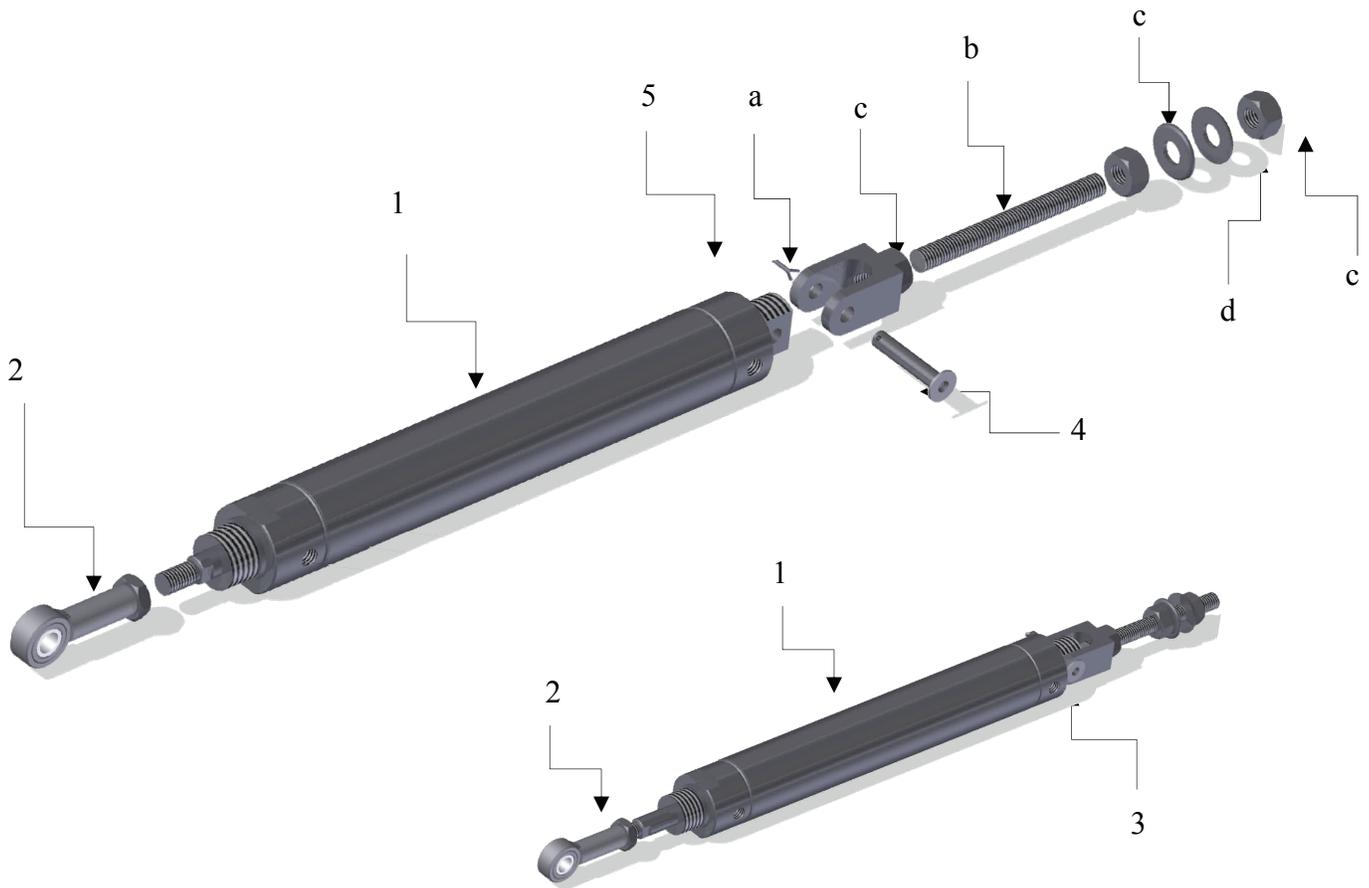
w/X458 CHAIN and 4-TOOTH SPROCKET-TAKE UP



ROLLER CONVEYOR, MODEL CN1-3524-TAKE UP SECTION



CONVEYOR CN1-3524-ROLLER UP KIT, MODEL CN1AEF



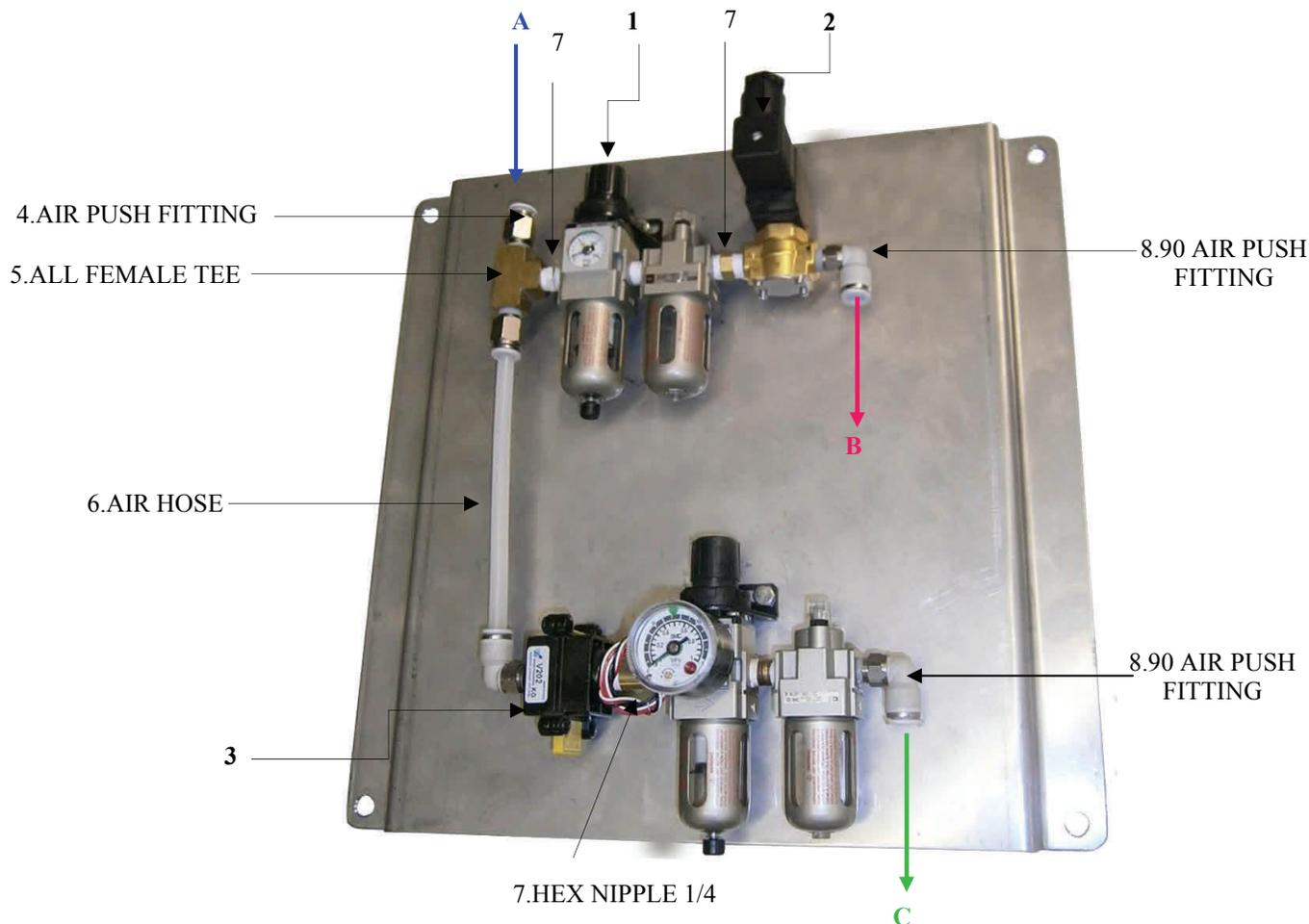
CONVEYOR TAKE-UP "CN2A" ROLLER UP KIT "CN1AEF"			
ITEM	PART NAME	PART NO.	QTY.
1	Roller-up Cylinder (2" bore, 3" stroke)	AC2X3	1
2	Ball Joint Rod End ½"-20 female Socket hex head shoulder screw ½"x2" lg.	BJ1-2-20	1 1
3	Rear mount:	WA2GA	1
a	Clevis	WA2GA1	1
b	Threaded rod ½"-13 x 5"lg.	WA2GA2	1
c	Hex nut ½"-13	HN1213	3
d	Flat washer ½" I.D x 1-1/4" O.D	FV12125	
4	Rear pin Ø 3/8" x 1½"lg.	WA1GB	1
5	Cotter pin	CP3-8	2
	TAKE-UP AIR CONTROL PANEL:	CN1P	1
	FRL Combination ¼"	FRL1-4-SMC	2
	4-Way Directional Valve ¼"	4WDV1-4	1
	Lockout Valve ¼"	LV1-4	1



ROLLER CONVEYOR, MODEL CN1-3524-DRIVE SECTION

TAKE UP AIR CONTROL PANEL, Model CN1P

A- AIR IN FROM COMPRESSOR
 B- AIR OUT TO ROLLER UP CYLINDER 50-60 PSI
 C- AIR OUT TO CHAIN TENSION CYLINDER 60-70 PSI



TAKE UP AIR CONTROL PANEL "CN1P"			
ITEM	Description	PART NO.	QTY.
1	FRL COMBINATION	FRL1-4	2
2	3 - WAY DIRECTIONAL VALVE 1/4"	3WDV1-4	1
3	LOCK OUT VALVE 1/4"	LV1-4	
4	AIR PUSH FITTING 1/4"	APF3814	2
5	ALL FEMALE TEE 1/4"	TEEBR025	1
6	AIR HOSE 3/8"	AH3814	1
7	HEX NIPPLE 1/4"	NPLBR025HEX	3
8	90 AIR PUSH FITTING	APF3814-EL90	3



ROLLER CONVEYOR, MODEL CN1A-3524- TAKE UP SECTION

CONVEYOR-PRIMERED STEEL			
TAKE UP SECTION-MODEL CN1A-3524			
ITEM	Description	PART NO.	QTY.
1.0	TAKE UP –FRAME	CN1AA-3524	
1	CHAIN TENSION CYLINDER BRACKET (REAR BRACKET)	CN1AB	1
2	SCREW FASTENER SET 3/8" for BRACKET ABOVE: Hex Head Cap Screw 3/8"-16 x 1 1/4" lg. Split Lock Washer 3/8" Hex Nut 3/8"-16	- HHCS3816125 SLW38 HN3816	4 4 4 4
3	CHAIN TENSION MECHANISM: Chain Tension Cylinder, bore 3/4", stroke 12", 250PSI -Pin $\text{AE}3/4 \times 3$ "lg. -Cotter pin	CN2AC-0707 AC3-25X12 CN1AC1 CP3-4	1 1 1 1
4	Chain Tension Bar 1-3/8" 18 1/2"lg.	CN3AC4-0305	1
4a	2-piece Collar 1-3/8" (w/two socket head cap screws 1/4"-20x1"lg.)	CN3ACE	2
5	ROLLER LEVELING GUIDE ASSEMBLY: (Driver Side / Passenger Side)	CN1ACL CN1ACLD / CN1ACLP	1 set 1 / 1
5a	Guide Stainless Steel (Driver Side / Passenger Side)	CN1ACLD1/P1	1 / 1
5b	Holder, Steel -Hex Head Cap Screw 3/8" – 16 x 3/4" lg. -Flat Washer 3/8" I.D. x 1" O.D	CN1ACLD2/P2 HHCS3816075 FW38	1 / 1 4/set 4/set
6a	4-TOOTH SPROCKET w/CHAIN GUARD	CN2ACB-4T-X458-SS	1
6c	SHAFT 2"x17"lg.	CN1AC3	1
6d	COLLAR 2"	CN1ACAA	2
7	CHAIN TENSION GUIDE ASSEMBLY:	CN3ACC	2
7a	Chain Tension Guide Sleeve	CN3ACCAA	2
7b	Guide Sleeve's UHMW Bushing 1 1/2" I.D.	CN1ACCA1	4
7c	Pulley Shaft seat's UHMW Bushing 2" I.D.	CN1ACCA2	2
8	Chain Tension Guide Shaft $\text{AE}1\frac{1}{2} \times 25\text{-}7/8$ "lg.	CN1ACC1-0707	1
8a	2-piece Collar 1 1/2" (w/two socket head cap screws 1/4" – 20 x 1 1/4" lg.)	CN1ACCB	4
9	UHMW BAR 1"x2' x10' Lg	CN11-0807	2
9.1	GUIDE RAIL (UHMW angle 2 2x 1/4 "x10'lg.) (Optional)	CN11	2
9.a	Screw Fastener Set 1/4", for UHMW angle: -Carriage Bolt Screw 1/4"-20x1-1/2"lg. -Flat Washer 1/4" -Hex Nut 1/4"-20	SFA14-CN1-UHMWAngle CBS1420150 FW12125 HN1420	12 12 12 12
10	ROLLER UP MECHANISM:	CN1AE	1
10a	Roller up (fork's) sleeve:	CN1AEA	2
-	Sleeve`	CN1AEAA	2
10b	UHMW Bushing 1/4" O.D. x 1" I.D. x 3" lg.	CN1AEA1	2
10c	Screw Fastener Set 3/8", for roller up sleeve: -Hex Head Cap Screw 3/8" – 16 x 1 1/4" lg. -Split Lock Washer 3/8" -Hex Nut 3/8" – 16	- HHCS3816125 SLW38 HN3816	4 4 8 4



ROLLER CONVEYOR, MODEL CN1-3524- TAKE UP SECTION

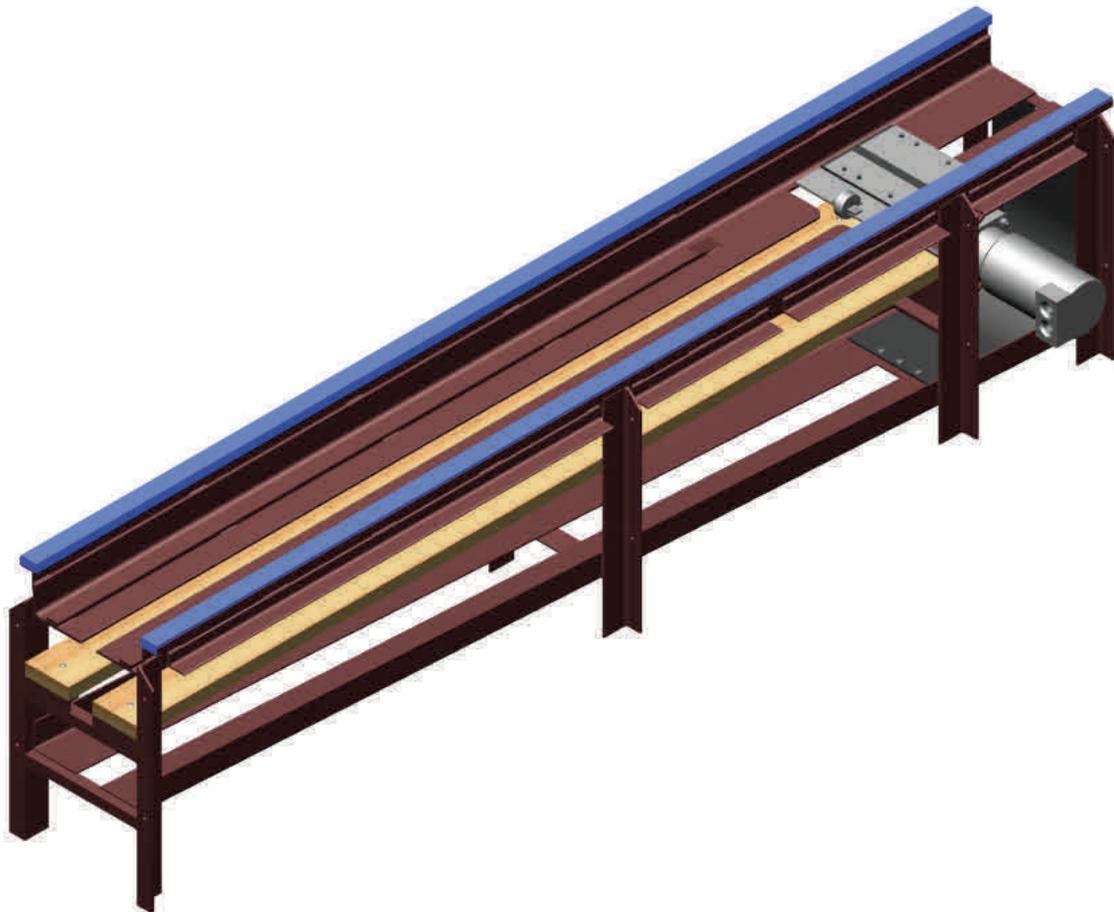
<i>CONVEYOR-PRIMERED STEEL</i>			
<i>TAKE UP SECTION-MODEL CN1A</i>			
ITEM	Description	PART NO.	QTY.
11	ROLLER UP (FORK):	CN1AEB-0507	1
11.1	(Roller up (fork) for chain D88 (Option))	CN1AEB-D88	(1)
12	Collar 1"	CN1AEC	2
13	Cam for Fork	CN2AED-0315	1
14	Split Taper Bushing 1" (w/Screw Fastener Sets)	STB-P1X100	1
15	ROLLER UP KIT:	CN1AEF	1
16	- Roller up Cylinder (bore 2", stroke 3" 2.00DXPSRSY03.0 "Parker")	AC2X3	1
17	- Ball joint rod end 1/2"-20 female plain	BJ1-2-20	1
18	- Rear mount:	WA2GA	1
	- Clevis	WA2GA1	1
	- Threaded Rod 1/2"-13x5"lg.	WA2GA2	1
	- Hex Nut 1/2"-13	HN1213	3
	- Rear Pin $\text{Æ}3/8 \times 1\frac{1}{2}$ "lg.	WA1GB	1
	- Front Pin $\text{Æ}1/2 \times 2$ "lg.	WA1GC	1
	- Cotter Pin, for pins above	CP3-8	2
19	ENTRANCE TRAP DOOR:	CN1AF	1
19.1	Rubber Sheet	CN1AF1	1
19.2	Connecting Plate, stainless steel	CN1AF2	1
19.3	Screw Fastener 3/8", for trap door:	-	4
	-Hex Head Cap Screw 3/8"- 16 x 1 1/4" lg.	HHCS3816125	4
	-Hex Nut 3/8" - 16	HN3816	4
21	STEEL CENTER DECK , Piece 21-1/2"LG	CN1A2-SS	-



ROLLER CONVEYOR, MODEL CN1-3524-DRIVE SECTION

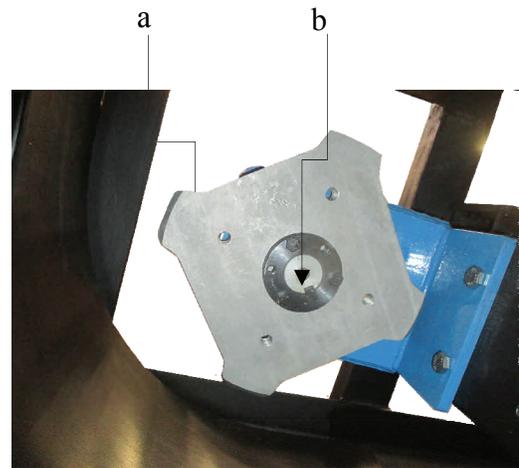
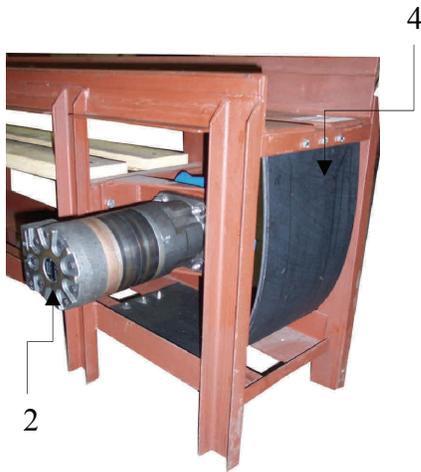
DRIVE SECTION

- *Direct Drive*
- *Easy removing motor mount*
- *Flexible rubber roller guide*



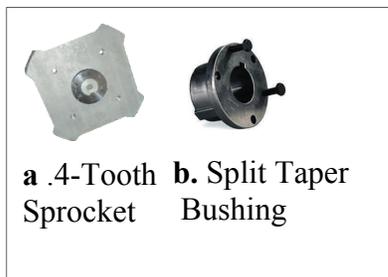
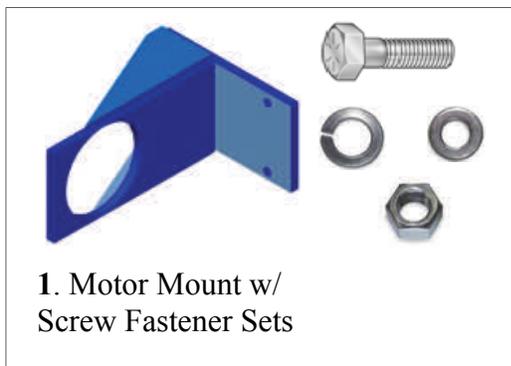
ROLLER CONVEYOR, MODEL CN1-3524-DRIVE SECTION

w/X458 CHAIN and 4-TOOTH SPROCKET



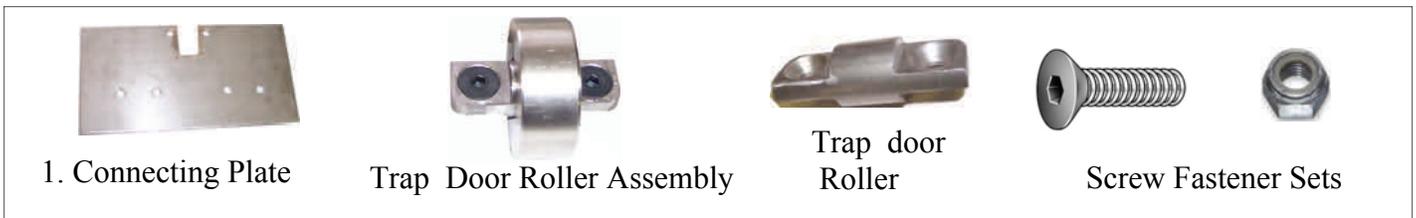
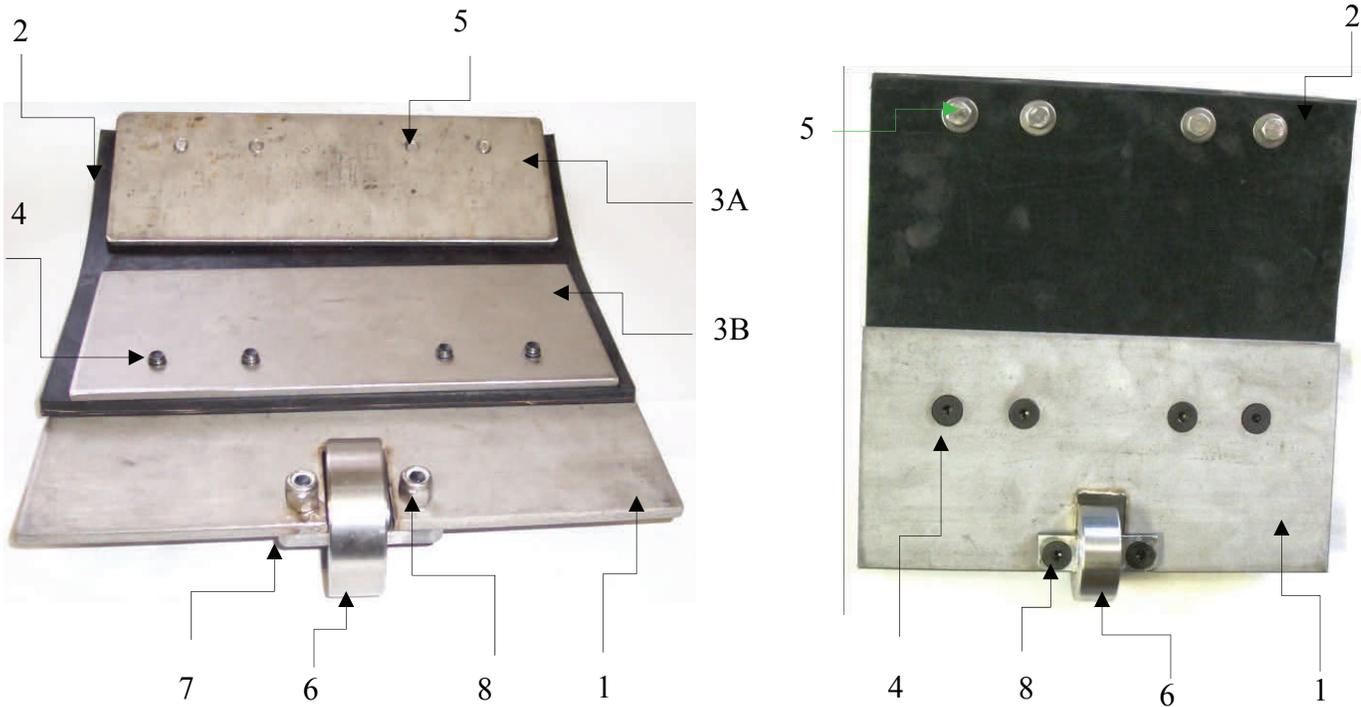
3. 4-TOOTH SPROCKET ASSEMBLY

ITEM	Description	PART NO.	QTY.
a	4-TOOTH SPROCKET	CN2BCA-4T-X458-SS	1
b	SPLIT TAPER BUSHING 1-1/2" I.D. - HEAX HEAD CAP SCREW 3/8"-16 x 1 1/4"lg.	STB-P1X112 HHCS3816125	1 3



ROLLER CONVEYOR , MODEL CN1-3524-DRIVE SECTION

EXIT TRAP DOOR ASSEMBLY, Model CN2BF



5. EXIT TRAP DOOR ASSEMBLY "CN2BF"

ITEM	Description	PART NO.	QTY.
1	STAINLESS STEELCONNECTING PLATE # ¼" x 6" x 12"	CN2BF1	1
2	RUBBER SHEET #3/8" x 9" x 12"	CN2BF2	1
3A	STAINLESS STEEL PLATE #3/16" x 3½" x 11"	CN1AF2-3-12	1
3B	STAINLESS STEEL PLATE #3/16" x 4½" x 11"	CN1AF2-4-12	1
4	SOCKET HEAD CAP SCREW (w/FLAT HEAD) 3/8"-16x1"lg.	SHCS3816100F	4
5	HEX HEAD CAP SCREW 3/8"-16x1"LG.	HHCS3816125	4
-	TRAP DOOR ROLLER ASSEMBLY:	CN1BFB	1
6	TRAP DOOR ROLLER	CN1BFB1	1
7	ROLLER SHAFT	CN1BFB2	1
8	SCREW FASTENER SET 3/8", for trap door roller:	-	2
-	SOCKET HEAD CAP SCREW 3/8"-16x1"lg.	SHCS3816125F	2
-	SPLIT LOCK WASHER 3/8"	SLW38	2
-	PREVAILING TORQUE LOCK NUT 3/8"-16	PHN3816	2



ROLLER CONVEYOR, MODEL CN1B-3524-DRIVE SECTION

CONVEYOR-PRIMERED STEEL			
DRIVE SECTION-MODEL CN1B-3524			
ITEM	Description	PART NO.	QTY.
1.0	DRIVE SECTION-FRAME	CN1BA-3524	1
1	PILLOW BLOCK for DRIVE SECTION Pillow Block 2''	CN1BB WA1WB	1
-	- w/Screw Fastener Sets 1/2''-13x2 1/4'' LG	-	4
	- Hex Head Cap Screw 1/2''-13x2 1/2''lg	HHCS1213225	4
	- Flat Washer 1/2'' I.D.x1 1/4''O.D.	FW12125	8
	- Split Lock Washer 1/2''	SLW12	4
	- Hex Nut 1/2''-13	HN1213	4
	DRIVE SHAFT 2''x17'' LG	CN1AC3	1
	KEYWAYS 1/2''		2
2	HYDRAULIC MOTOR Displacement 61.0 cu.in./rev., Shaft 1 1/2'' Keyed	CN1BM	1
	-Fittings (only for "Parker" Motor) 1/2''x 1 5/16'' – 12	ADPTSTL050JIC13125ORB	2
	-Screw Fastener Set 1/2'', for motor :	-	4
	Hex Head Cap Screw 1/2'' – 13 x 2 1/4'' LG	HHCS1213225	4
	Flat Washer 1/2'' I.D. x 1 1/4'' O.D.	FW12125	8
	Split Lock Washer 1/2''	SLW12	4
	Hex Nut 1/2'' – 13	HN1213	4
3a	4-TOOTH SPROCKETS Split Taper Bushing 1-1/2" I.D. (Set w/3 hex head cap screws 3/8'' – 16 x 1 1/4'' lg.)	CN3BCA-4T-X458 STB-Q1X112 HHCS3816125	1 1 1
3b	PROXIMITY SWITCH (OPTIONAL)	CN1SW	1
4	ROLLER RETURN BELT	CN1B6	1
-	Screw Fastener Set 3/8'', for roller return belt:	-	6
	Hex Head Cap Screw 3/8'' – 16 x 1 1/4'' lg.	HHCS3816125	6
	Flat Washer 3/8'' I.D. x 7/8'' O.D.	FW38087	6
	Hex Nut 3/8'' – 16	HN3816	6

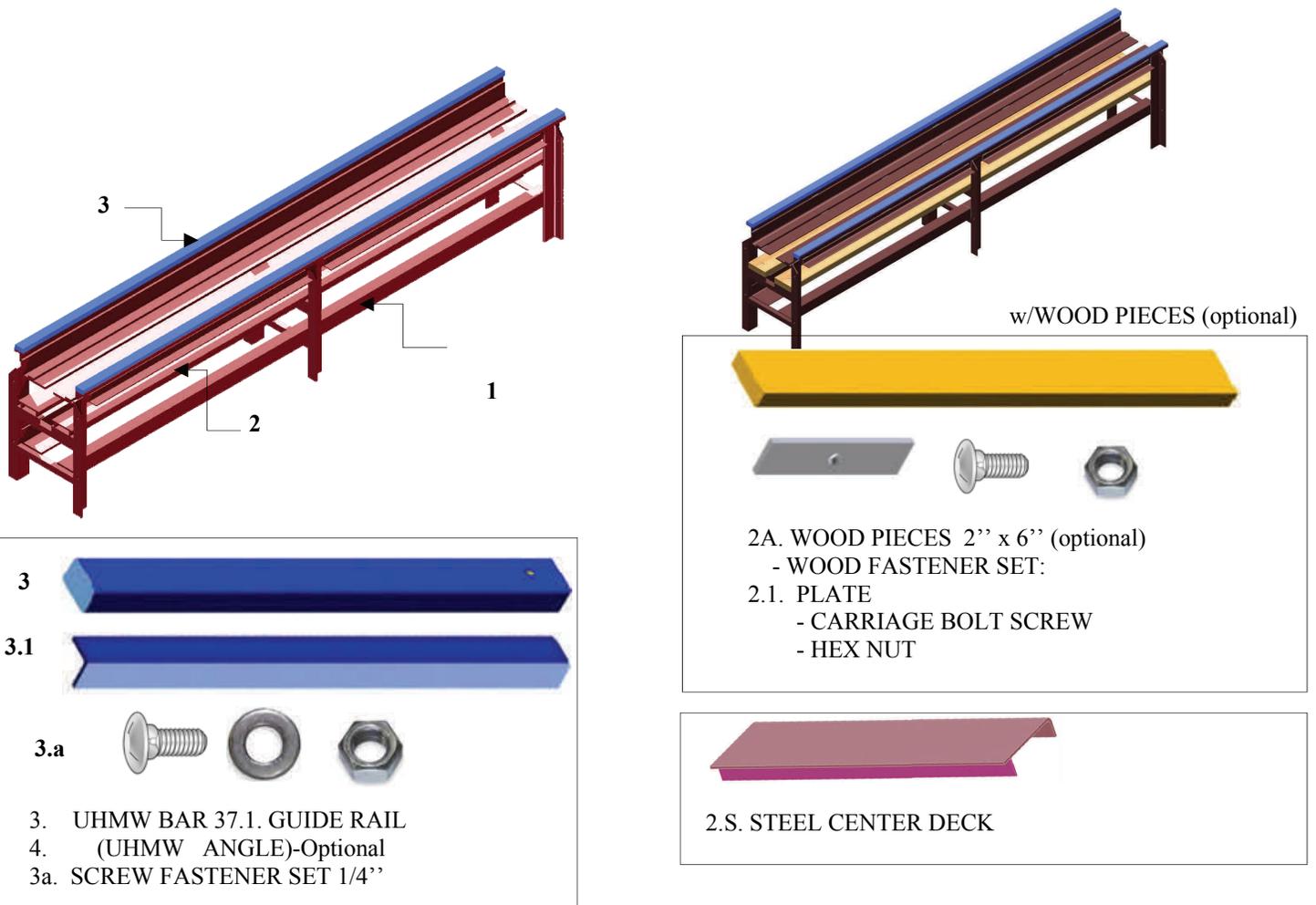


ROLLER CONVEYOR , MODEL CN1-3524-DRIVE SECTION

<i>CONVEYOR-PRIMERED STEEL</i>			
<i>DRIVE SECTION-MODEL CN1B</i>			
ITEM	Description	PART NO.	QTY.
5.	EXIT TRAP DOOR ASSEMBLY:	CN2BF	1
-	Stainless Steel Plate	CN2BF1	1
-	Rubber Sheet	CN2BF2	1
-	Connecting Plate, stainless steel	CN1AF2	2
-	Screw Fastener Set 4 (connecting stainless steel plate to rubber sheet):	-	4
-	Socket Head Cap Screw (w/flat head) 3/8" – 16 x 1 1/2" lg., alloy steel	SHCS3816150F	4
-	Nylon Lock Nut 3/8" – 16	NLN3816	4
-	Screw Fastener Set 5 (connecting rubber sheet to drive section):	-	4
-	Hex Head Cap Screw 3/8" – 16 x 1 1/4" lg.	HHCS3816125	4
-	Nylon Lock Nut 3/8" – 16	NLN3816	4
-	Trap Door Roller assembly:	CN1BFB	1
-	Trap Door Roller	CN1BFB1	1
-	Roller Shaft	CN1BFB2	1
-	Screw Fastener Set 3/8", for trap door roller:	-	2
-	Socket Head Cap Screw (w/flat head) 3/8" – 16 x 1 1/4" lg., alloy steel	SHCS3816125F	2
-	Split Lock Washer 3/8"	SLW38	2
-	Hex Nut 3/8" – 16	HN3816	2
6.	STEEL CENTER DECK	CN1B1-S-101	
7	RAIL GUARD (UHMW angle 2x2x 1/4 "x10'lg.)		
	UHMW BAR 1"x2' x10' LG	CN11-0807	
	Screw Fastener Set 1/4", for UHMW angle:		
7a	-Carriage Bolt Screw 1/4"-20x1-1/2"lg.	CBS1420150	
7b	-Hex Nut 1/4"-20	HN1420	
7.1	Z-ANGLE (TO SUPPORT UHMW BAR) DRIVER SIDE, OUTER	CN3AA10-ZD	1
7.2	Z-ANGLE (TO SUPPORT UHMW BAR) PASSENGER SIDE, INNER	CN3AA10-ZP	2
8.	Chain X458	CHAIN-X458	-



ROLLER CONVEYOR, MODEL CN1C-3524-MIDDLE SECTION



MIDDLE SECTION - MODEL -" CN1C "			
ITEM	Description	PART NO.	QTY.
1	MIDDLE SECTION ASSEMBLY MIDDLE SECTION FRAME	CN1C-3524 CN1CA-3524	n
2	STEEL CENTER DECK—3"x6" x10ft	CN1C1-S-120	n
2a	WOOD DECK #2"x6"x10'Lg (optional) Wood Piece's Fastener Set: Plate #1/8" x 1 1/2" x 3" Carriage Bolt Screw 1/4" – 20 x 2 1/2" lg. Hex Nut 1/4" – 20	CN1A2-W SFS-CN1AH CN1AG1 CBS1420250 HN1420	n
3 3.1 3.2	RAIL GUARD (UHMW angle 2x2x 1/4 "x10'lg.) UHMW BAR 1"x2' x10' LG Screw Fastener Set 1/4 ", for UHMW angle: -Carriage Bolt Screw 1/4 "-20x1-1/2"lg. -Hex Nut 1/4"-20	CN11-0807-BLUE CN11-0807-BAR-BLUE-1INX2IN-1INX SFS14-CN1-UHMWAngle CBS1420150 HN1420	n

