

INSTRUCTIONS FOR BCP CONVEYORS

MODEL NO.

BCP

SERIAL NO.



PPE Hi-Line Conveyors are manufactured and sold direct by Plastic Process Equipment, Inc. We are not associated with any other manufacturer. Always specify genuine PPE Hi-Line conveyors! Do not accept substitutes.

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PLASTIC PROCESS EQUIPMENT, INC.

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**PPE
WEST**

6385 Montessouri Street, Las Vegas, Nevada 89113
702-433-6385 • 800-258-8877 • Fax: 702-433-6388

**PPE
SOUTH**

11218 Challenger Avenue, Odessa, Florida 33556
727-834-8888 • 800-282-6783 • Fax: 727-834-8873

8303 CORPORATE PARK DRIVE, MACEDONIA (Cleveland), OHIO 44056, USA

Toll Free: USA, Canada & Mexico

216-367-7000 • Toll Free: 800-321-0562 • Fax: 216-367-7022 • Order Fax: 800-223-8305

800-362-0706

Thank you for purchasing a conveyor or separator from PlasticProcess Equipment. These instructions are intended as a guide for your new product. If you have any additional questions, contact Budget at 800-332-3531.

RECEIVING

Thoroughly inspect your new conveyor before unpacking it for set up. Report any damage to the motor freight carrier; they are responsible for damages incurred during transit.

ATTENTION!!

Please read through the entire booklet first.

You must be trained and authorized by your employer in the proper installation operation, maintenance and set-up of your new equipment. ***Safety First Always!***

ELECTRICAL

All conveyors are equipped with a grounded and fused speed controller. A grounded 120 volt outlet and a three wire grounded extension cord must be used at all times.

The On/Off switch on some models is resettable, should the switch get overloaded for some reason it may be necessary to reset it before the conveyor will run again. See switch cover for reset instructions.

WARNING DRIVE MOTOR

The standard drive motor is not designed for repeated start stop operation, if you turn the conveyor on and off more than 10 times per minute you damage the motor by overheating. There are special order motors available for start/stop operations, please consult the factory.

CAUTION DURING USE AND OPERATION OF CONVEYOR

- Do not wear loose clothing or jewelry around the conveyor.
- Do not wear rings, necklaces, or jewelry.
- Long hair **must** be tied and netted.
- Keep all hands, arms, and fingers away from any moving parts except the conveyor belt surface.
- Never stand on the conveyor belt for any reason whatsoever.
- Do not operate any conveyor with the guards removed.
- Do not operate the conveyor with parts missing, removed, or in a disassembled state.
- Pay special attention to the ON-OFF switch location.
- Wear safety glasses if your company or process requires them.
- You must unplug the conveyor before performing any repairs or maintenance.
- If you are unsure about installation, operation, maintenance, or setup call PPE!

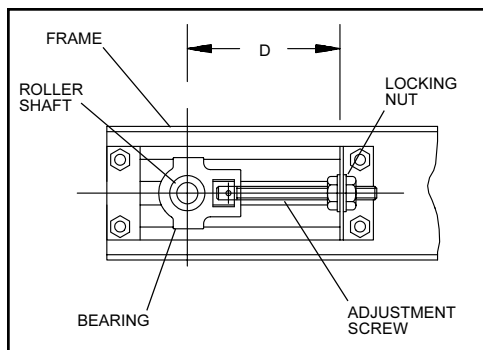


Figure 1

BELT TRACKING

The V-Belt tracking system keeps your belt centered and tracking properly. No adjustment should be necessary if both take up bolts are adjusted the same amount during belt tension adjustment.

To check the tracking of your belt, measure the take up bolts on both sides of the conveyor. The distance between the center of the roller shaft and the bracket behind the locking nut (**see Figure 1**) should be the same for both bolts. For another quick check, place a carpenter's square

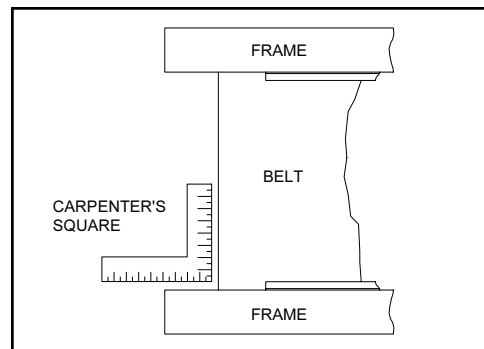


Figure 2

along the frame and belt of your conveyor. If it is tracking properly, the carpenter's square will fit snugly in the corner (**see Figure 2**). If your conveyor is not tracking properly, adjust the locking nuts on both sides until they are equal. **BE CAREFUL NOT TO OVERTIGHTEN!**

LUBRICATION

PPE chain drive units use permanently lubricated drive chains that **do not** require lubrication. All bearings are permanently lubricated also, therefore we do not provide a grease fitting. Our experience has shown conveyor users tend to over grease bearings to the point where grease works it's way between the rollers and belts causing serious problems of contamination and belt slippage.

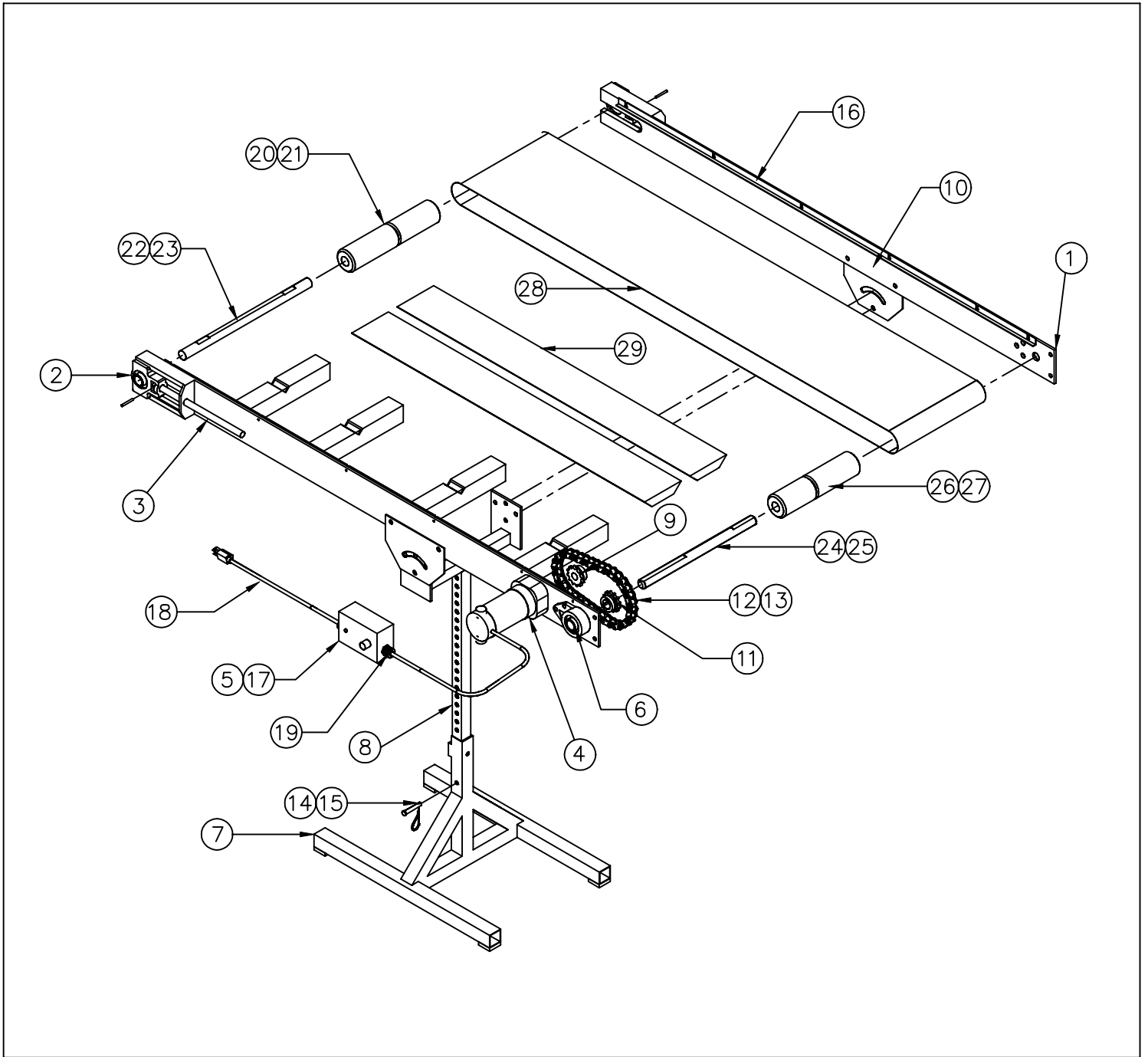
CAUTION:
DO NOT ALLOW LUBRICATION TO GET ON THE UNDERSIDE OF THE BELT.

CAUTION:
BEARINGS SHOULD NOT RUN CONTINUOUS AT TEMPERATURES OVER 200°F AND SHOULD NEVER EXCEED 225°F FOR INTERMITTENT OPERATIONS.

WARRANTY

All PPE Conveyors have a full **two year warranty**. This warranty doesn't include conveyor belts because they are subject to excessive wear damage and abuse by the user. This Warranty will not extend to goods subjected to misuse, abuse, neglect, accident or improper installation or maintenance, or products or goods which have been altered, modified or repaired by anyone other than seller or its authorized and approved representatives.

BCP CONVEYOR PARTS



PLASTIC PROCESS EQUIPMENT, INC.

8303 Corporate Park Drive, Macedonia (CLEVELAND), OHIO 44056
(216) 367-7000 TOLL FREE: 800-321-0562 FAX (216) 367-7022 ORDER FAX: 800-223-8305 EMAIL: SALES@PPE.COM

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BCP BUDGET CONVEYOR

09/16/15

ID	P/N	DESCRIPTION	UOM
1	D-3174-W-L	FRAME	EA
2	TU250X1	TAKE-UP BEARING	EA
3	C-5582B	ADJ BOLT FOR TAKE UP BRACKET	EA
4	1060	1/4 HP DC MOTOR	EA
5	KB9380C	VARI SPEED CONTROL	EA
6	FB16X1	FIXED BEARING	EA
7	C-3079	LOWER STAND UNIT	EA
8	C-6515-6	UPPER SEPARATOR STAND 6"	EA
8	C-6515-12	UPPER STAND 12"	EA
8	C-6515-18	UPPER STAND 18"	EA
9	H40B12X5/8	4012 X 5/8 HARDENED SPROCKET	EA
10	B-3166	ANGLE TILT PLATE	EA
11	H40B12X1	4012 X 1" HARDENED SPROCKET DRIVEN	EA
12	40CK	40 CHAIN, HALF LINK, MASTER LINK KIT	EA
14	92390A223	SS CLEVIS PIN FOR STAND 5/16 DIA	EA
15	98335A054	.073 COTTER PIN FOR STAND	EA
16	B-8190-93	BCP BELT STRIPS 93" (SET)	set
17	FUSE	FUSE	EA
18	K5152	K5152 12' POWER CORD	EA
19	3201	3201 NON METALLIC CORD SAVERS	EA
20	B-5578-6	VEE GROOVE ROLLER 6"	EA
20	B-5578-12	VEE GROOVE ROLLER 12"	EA
21	B-5578-18	VEE GROOVE ROLLER 18"	EA
22	B-5620-6	IDLER SHAFT 6"	EA
22	B-5620-12	IDLER SHAFT 12"	EA
23	B-5620-18	IDLER SHAFT 18"	EA
24	B-6819-6	1" DRIVE SHAFT PC BCP FT	EA
24	B-6819-12	1" DRIVE SHAFT PC BCP FT	EA
25	B-6819-18	1" DRIVE SHAFT PC BCP FT	EA
26	A-6821-6N	V-GR DR ROLLER 1" SHAFT PC/PCS BODINE	EA
26	A-6821-12N	V-GR DR ROLLER 1" SHAFT PC/PCS BODINE	EA
27	A-6821-18N	V-GR DR ROLLER 1" SHAFT PC/PCS BODINE	EA
28	BELT	SEE BELT LIST	EA
29	B-1285	BEDDING	EA

SEE BELT SHEET FOR BELTS