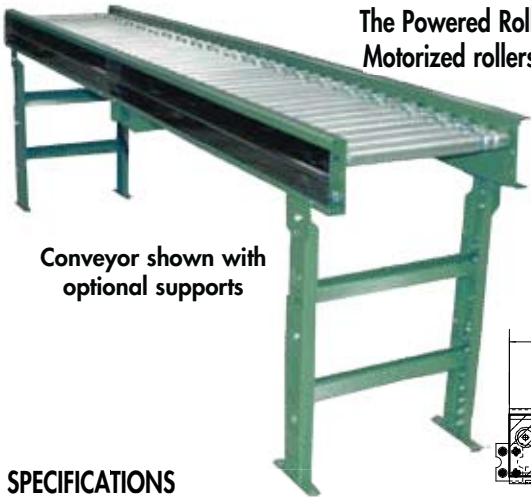
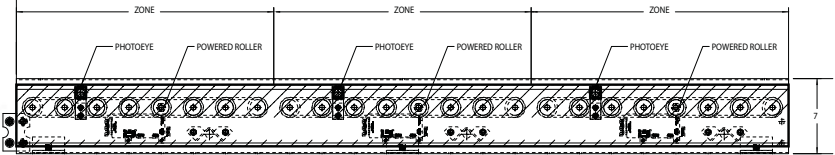
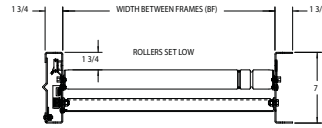


796 PRA PHOTOEYE CONTROLLED POWERED ROLLER ZERO PRESSURE ACCUMULATOR - ROLLERS SET LOW



Conveyor shown with optional supports

The Powered Roller Accumulator conveyor has revolutionized the automated conveyor industry. Motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.



SPECIFICATIONS

TREAD ROLLERS: 796 PRA - 1.9" dia. x 16 ga. galvanized, model 196G grooved.

796 PRAC - 2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T.

DRIVE BELT: 3/16" dia., polyurethane belts. Nominal 15 lbs. per roller drive.

CAPACITY: 15 lbs. per roller or up to 70 lbs. per zone

SPEED: 60 FPM, constant.

ROLLER CENTERS: 3"

BED: 796 PRA - 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame.

ACCUMULATION: Zone singulation operation; 24" zone length; zones are actuated using a photoeye

MOTOR DRIVE: 796 PRA - Driven by 24V DC Powered Roller.
796 PRAC - Indirect driven by 24 VDC Powered Roller. (See end view drawing below)

BEARINGS: Precision ABEC bearings.

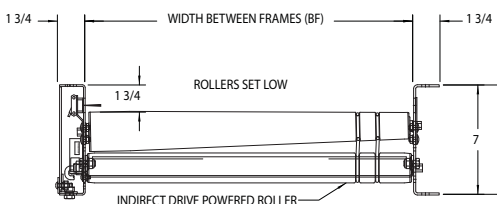
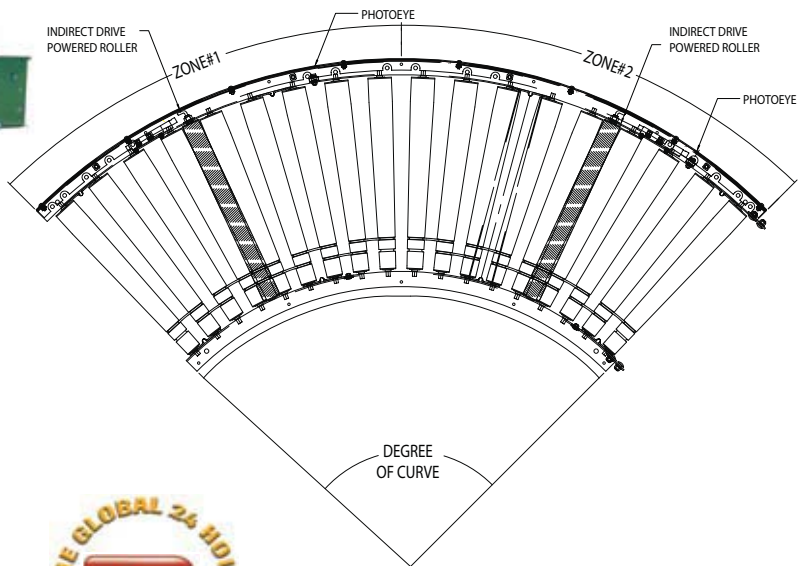
DC POWER SUPPLY: 24 volt fixed output required

ZONES	AMP
1 - 2 ZONES	6 AMP
3 - 8 ZONES	10 AMP
9 - 17 ZONES	20 AMP
18 - 26 ZONES	30 AMP
27 - 36 ZONES	40 AMP

MODEL 796 PRAC W/ PHOTOEYE CONTROLLED POWERED ROLLER ACCUMULATOR CURVE 30°, 45°, 60° AND 90° MODULES



See chart on next page for number of zones for curves



SPECIFICATION TABLE

■ 4 week shipment

CONVEYOR LENGTH		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct
BF	OAW	UNIT WEIGHTS (lbs.) with 3" Roller Centers (For other centers, deduct weights below)										Per Foot
15"	18"	205	410	615	820	1025	1230	1435	1640	1845	2050	21
19"	21"	230	460	690	920	1150	1380	1610	1840	2070	2300	23
21"	24"	242	484	726	968	1210	1452	1694	1936	2178	2420	24
25"	28"	266	532	798	1064	1330	1596	1862	2128	2394	2660	27
27"	30"	279	558	837	1116	1395	1674	1953	2232	2511	2790	28
33"	36"	323	646	969	1292	1615	1938	2261	2584	2907	3230	32
39"	42"	361	722	1083	1444	1805	2166	2527	2888	3249	3610	36

DEGREE		90°							60°					45°					30°				
BF	OAW	INSIDE RADIUS	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLERS	DRIVE ROLLER QTY	ZONE QTY	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLER	DRIVE ROLLER QTY	ZONE QTY	WT (LBS.)	IR/RC OR/RC	ROLLER QTY.	TAPERED ROLLER	ZONE QTY	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLER	DRIVE ROLLER QTY	ZONE QTY	
15"	18-1/2"	32 1/2"	229	2.84" 4.15"	18	2	2	180	2.84" 4.15"	12	2	1	169	2.84" 4.15"	9	1	1	146	2.84" 4.15"	6	1	1	
19"	22-1/2"	32 1/2"	280	2.84" 4.49"	18	2	2	206	2.84" 4.49"	12	2	1	200	2.84" 4.49"	9	1	1	169	2.84" 4.49"	6	1	1	
21"	24-1/2"	32 1/2"	305	2.84" 4.67"	18	2	2	210	2.84" 4.67"	12	2	1	216	2.84" 4.67"	9	1	1	180	2.84" 4.67"	6	1	1	
25"	28-1/2"	32 1/2"	355	2.84" 5.02"	18	2	2	238	2.84" 5.02"	12	2	1	247	2.84" 5.02"	9	1	1	202	2.84" 5.02"	6	1	1	
27"	30-1/2"	32 1/2"	381	2.84" 5.19"	18	2	2	250	2.84" 5.19"	12	2	1	262	2.84" 5.19"	9	1	1	214	2.84" 5.19"	6	1	1	
33"	36-1/2"	48"	456	2.90" 4.89"	26	3	3	323	3.14" 5.30"	17	2	2	309	2.90" 4.89"	13	2	1	247	3.14" 5.30"	9	1	1	
39"	42-1/2"	48"	532	2.90" 5.26"	26	3	3	370	3.14" 5.69"	17	2	2	355	2.90" 5.26"	13	2	1	281	3.14" 5.69"	9	1	1	

OPTIONAL EQUIPMENT

ACCUMULATION ZONES: 18" and 30" long zones available, depending on roller centers.

FLOOR SUPPORTS: Supports, knee braces, casters and polytier supports available. See Conveyor Accessories.

CONVEYOR SPEED: Constant speed 34-260 FPM

CEILING HANGERS: 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOR (furnished in place of floor supports). See Conveyor Accessories.

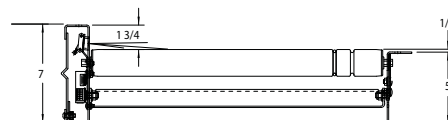
DIFFUSE PHOTOEYE: Photoeyes mounted below the t read rollers.

BED: Control side 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame.

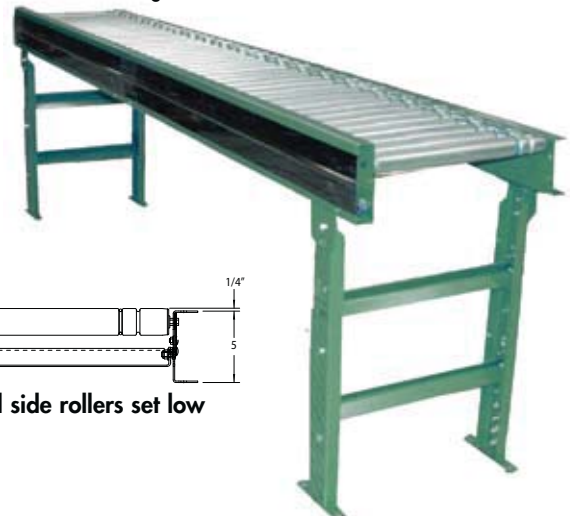
Outside channel 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame.



OPTIONAL PLASTIC BELT ACCUMULATION

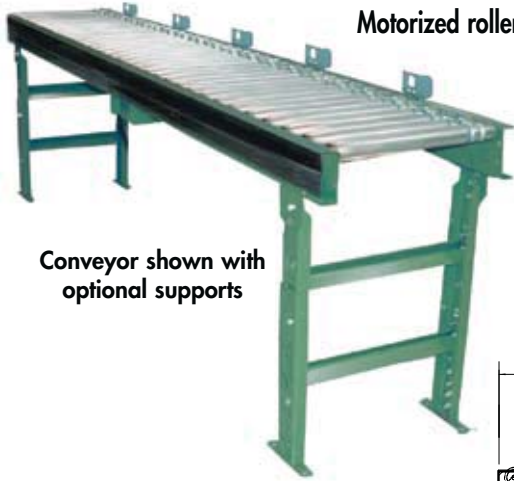


Optional control side rollers set low

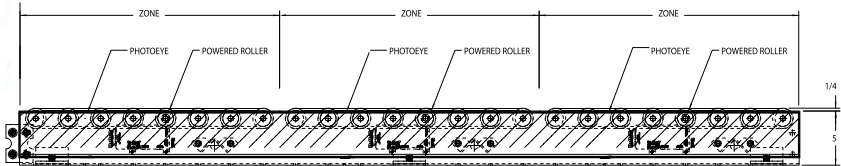
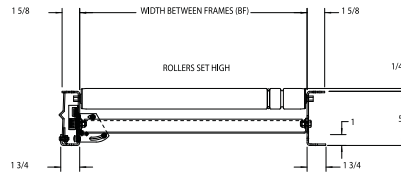


596 PRA PHOTOEYE CONTROLLED POWERED ROLLER ZERO PRESSURE ACCUMULATOR - ROLLERS SET HIGH

The Powered Roller Accumulator conveyor has revolutionized the automated conveyor industry. Motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.



Conveyor shown with optional supports



SPECIFICATIONS

- TREAD ROLLERS:** 596 PRA -1.9" dia. x 16 ga. galvanized, model 196G grooved.
596 PRAC -2-1/2" dia. to 1-11/16" dia. x 14 ga. steel tapered rollers, model 254T.
- DRIVE BELT:** 3/16" dia., polyurethane belts. Nominal 15 lbs. per roller drive.
- CAPACITY:** 15 lbs. per roller or up to 70 lbs. per zone
- SPEED:** 60 FPM, constant.
- ROLLER CENTERS:** 3"
- BED:** 596 PRA - 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame

ACCUMULATION: Zone singulation operation; 24" zone length; zones are actuated using a photoeye

MOTOR DRIVE: 596 PRA - Driven by 24V DC Powered Roller.
596 PRAC - Indirect driven by 24 VDC Powered Roller. (See end view drawing below)

BEARINGS: Precision ABEC bearings.

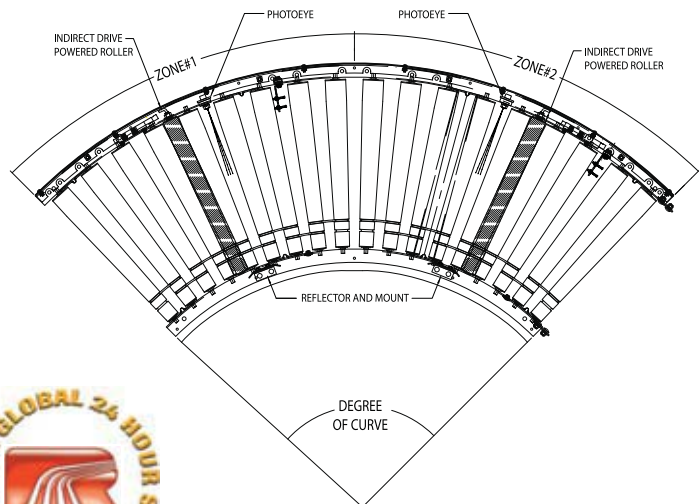
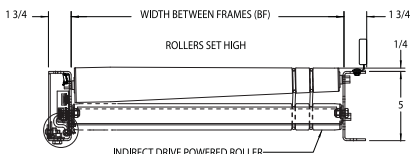
DC POWER SUPPLY: 24 volt fixed output required

ZONES	AMP
1 - 2 ZONES	6 AMP
3 - 8 ZONES	10 AMP
9 - 17 ZONES	20 AMP
18 - 26 ZONES	30 AMP
27 - 36 ZONES	40 AMP

MODEL 596 PRAC W/ PHOTOEYE CONTROLLED POWERED ROLLER ACCUMULATOR CURVE 30°, 45°, 60° AND 90° MODULES



See chart on next page for number of zones for curves



SPECIFICATION TABLE

■ 4 week shipment

CONVEYOR LENGTH		10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct
BF	OAW	UNIT WEIGHTS (lbs.) with 3" Roller Centers (For other centers, deduct weights below)										Per Foot
15"	18"	205	410	615	820	1025	1230	1435	1640	1845	2050	21
19"	21"	230	460	690	920	1150	1380	1610	1840	2070	2300	23
21"	24"	242	484	726	968	1210	1452	1694	1936	2178	2420	24
25"	28"	266	532	798	1064	1330	1596	1862	2128	2394	2660	27
27"	30"	279	558	837	1116	1395	1674	1953	2232	2511	2790	28
33"	36"	323	646	969	1292	1615	1938	2261	2584	2907	3230	32
39"	42"	361	722	1083	1444	1805	2166	2527	2888	3249	3610	36

DEGREE			90°					60°					45°					30°					
BF	OAW	INSIDE RADIUS	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLERS	DRIVE ROLLER QTY	ZONE QTY	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLER	DRIVE ROLLER QTY	ZONE QTY	WT (LBS.)	IR/RC OR/RC	ROLLER QTY.	TAPERED ROLLER	ZONE QTY	WT (LBS.)	IR/RC OR/RC	TAPERED ROLLER	DRIVE ROLLER QTY	ZONE QTY	
15"	18-1/2"	32 1/2"	229	2.84" 4.15"	18	2	2	180	2.84" 4.15"	12	2	1	169	2.84" 4.15"	9	1	1	146	2.84" 4.15"	6	1	1	1
19"	22-1/2"	32 1/2"	280	2.84" 4.49"	18	2	2	206	2.84" 4.49"	12	2	1	200	2.84" 4.49"	9	1	1	169	2.84" 4.49"	6	1	1	1
21"	24-1/2"	32 1/2"	305	2.84" 4.67"	18	2	2	210	2.84" 4.67"	12	2	1	216	2.84" 4.67"	9	1	1	180	2.84" 4.67"	6	1	1	1
25"	28-1/2"	32 1/2"	355	2.84" 5.02"	18	2	2	238	2.84" 5.02"	12	2	1	247	2.84" 5.02"	9	1	1	202	2.84" 5.02"	6	1	1	1
27"	30-1/2"	32 1/2"	381	2.84" 5.19"	18	2	2	250	2.84" 5.19"	12	2	1	262	2.84" 5.19"	9	1	1	214	2.84" 5.19"	6	1	1	1
33"	36-1/2"	48"	456	2.90" 4.89"	26	3	3	323	3.14" 5.30"	17	2	2	309	2.90" 4.89"	13	2	1	247	3.14" 5.30"	9	1	1	1
39"	42-1/2"	48"	532	2.90" 5.26"	26	3	3	370	3.14" 5.69"	17	2	2	355	2.90" 5.26"	13	2	1	281	3.14" 5.69"	9	1	1	1

OPTIONAL EQUIPMENT

ACCUMULATION ZONES: 18" and 30" long zones available, depending on roller centers.

FLOOR SUPPORTS: Supports, knee braces, casters and polytier supports available. See Conveyor Accessories.

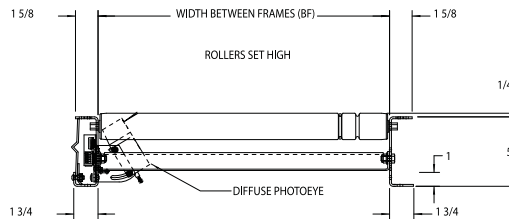
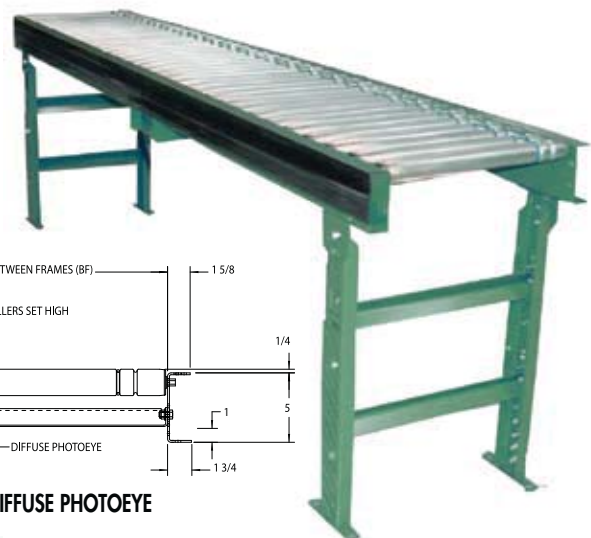
CEILING HANGERS: 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOR (furnished in place of floor supports). See Conveyor Accessories.

CONVEYOR SPEED: Constant speed 34 - 260 FPM

DIFFUSE PHOTOEYE: Photoeye mounted below the tread rollers



OPTIONAL 3-STRAND 90° ROUND BELT TRANSFER

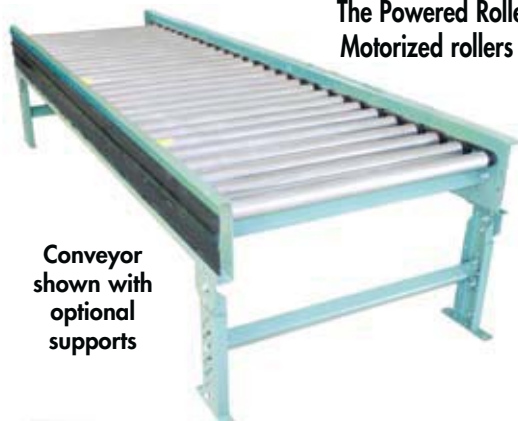


OPTIONAL DIFFUSE PHOTOEYE



796 PRA-2PV & 796 PRA-3PV POLY-V PHOTOEYE CONTROLLED ROLLERS SET LOW POWERED ROLLER ZERO PRESSURE ACCUMULATOR

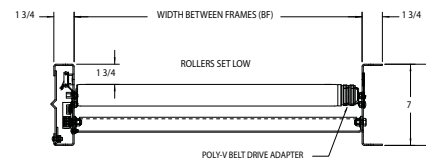
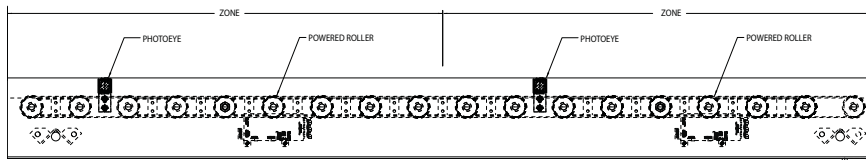
The Powered Roller Accumulator conveyor has revolutionized the automated conveyor industry. Motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.



Conveyor shown with optional supports



The Poly-V belt features lengthwise grooves providing a drive by adhesion, and optimizes the contact area, giving increased power transfer.



SPECIFICATIONS

TREAD ROLLERS: 1.9" dia. x 16 ga. galvanized, model 196G with Poly-V Belt Drive Adapter

DRIVE BELT: 796 PRA-2PV -2 Rib Poly-V Belt
796 PRA-3PV -3 Rib Poly-V Belt

CAPACITY: 2 Rib Poly-V Belt 110 lbs. per zone at 60 fpm (maximum capacity)

3 Rib Poly-V Belt 350 lbs. per zone at 53 fpm (maximum capacity)

ROLLER CENTERS: 3" or 4"

BED: 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame

SPEED: 60 FPM, constant.

ACCUMULATION: Zone singulation operation; 36" zone length; zones are actuated using photoeye

MOTOR DRIVE: Driven by High Torque 24V DC Powered Roller.

BEARINGS: Precision ABEC bearings.

DC POWER SUPPLY: 24 volt fixed output required

ZONES	AMP
1 - 2 ZONES	6 AMP
3 - 8 ZONES	10 AMP
9 - 17 ZONES	20 AMP
18 - 26 ZONES	30 AMP
27 - 36 ZONES	40 AMP



Poly-V Belt

CONVEYOR LENGTH	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct	
BF	OAW	UNIT WEIGHTS (lbs.) with 3" Roller Centers (For other centers, deduct weights below)										Per Foot
15"	18"	205	410	615	820	1025	1230	1435	1640	1845	2050	21
19"	21"	230	460	690	920	1150	1380	1610	1840	2070	2300	23
21"	24"	242	484	726	968	1210	1452	1694	1936	2178	2420	24
25"	28"	266	532	798	1064	1330	1596	1862	2128	2394	2660	27
27"	30"	279	558	837	1116	1395	1674	1953	2232	2511	2790	28
33"	36"	323	646	969	1292	1615	1938	2261	2584	2907	3230	32
39"	42"	361	722	1083	1444	1805	2166	2527	2888	3249	3610	36

OPTIONAL EQUIPMENT

ACCUMULATION ZONES: 24" and 48" long zones available, depending on roller centers.

FLOOR SUPPORTS: Supports, knee braces, casters and polytier supports available. See Conveyor Accessories.

CEILING HANGERS: 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOR (furnished in place of floor supports). See Conveyor Accessories.

CONVEYOR SPEED: Constant speeds available 20-150 FPM (optional speeds are dependent upon product weight. Consult Factory)

BED: Control side 7" x 1-3/4" x 12 ga. formed steel channel frame. Rollers set low in frame.

Outside channel 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame

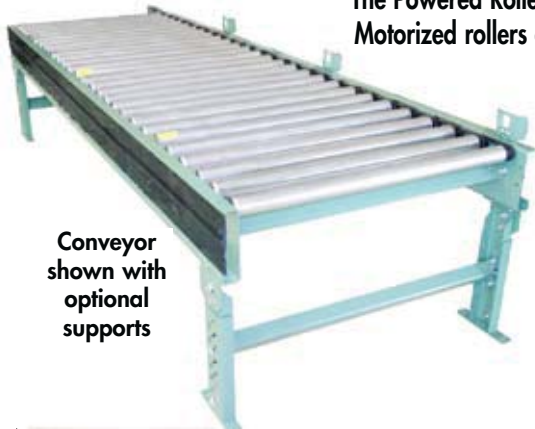
DIFFUSE PHOTOEYE: Photoeyes mounted below tread rollers.

■ 5-6 week shipment



596 PRA-2PV & 596 PRA-3PV POLY-V PHOTOEYE CONTROLLED ROLLERS SET HIGH POWERED ROLLER ZERO PRESSURE ACCUMULATOR

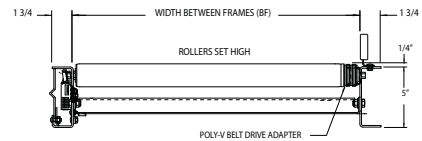
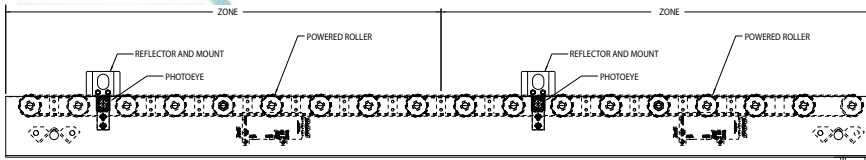
The Powered Roller Accumulator conveyor has revolutionized the automated conveyor industry. Motorized rollers drive the conveyors eliminating the need for drive belts, chains or line shafts.



Conveyor shown with optional supports



The Poly-V belt features lengthwise grooves providing a drive by adhesion, and optimizes the contact area, giving increased power transfer.



SPECIFICATIONS

TREAD ROLLERS: 1.9" dia. x 16 ga. galvanized, model 196G with Poly-V Belt Drive Adapter

DRIVE BELT: 596 PRA-2PV -2 Rib Poly-V Belt
596 PRA-3PV -3 Rib Poly-V Belt

CAPACITY: 2 Rib Poly-V Belt 110 lbs. per zone at 60 fpm (maximum capacity)

3 Rib Poly-V Belt 350 lbs. per zone at 53 fpm (maximum capacity)

ROLLER CENTERS: 3" or 4"

BED: 5" x 1-3/4" x 10 ga. formed steel channel frame. Rollers set high in frame

SPEED: 60 FPM, constant.

ACCUMULATION: Zone singulation operation; 36" zone length; zones are actuated using photoeye

MOTOR DRIVE: Driven by High Torque 24V DC Powered Roller.

BEARINGS: Precision ABEC bearings.

DC POWER SUPPLY: 24 volt fixed output required

ZONES	AMP
1 - 2 ZONES	6 AMP
3 - 8 ZONES	10 AMP
9 - 17 ZONES	20 AMP
18 - 26 ZONES	30 AMP
27 - 36 ZONES	40 AMP



Roller With Poly-V Belt Drive Adapter

OPTIONAL EQUIPMENT

ACCUMULATION ZONES: 24" and 48" long zones available, depending on roller centers.

FLOOR SUPPORTS: Supports, knee braces, casters and polytier supports available. See Conveyor Accessories.

CEILING HANGERS: 5/8" dia. threaded rod with hardware to attach rods to conveyor. Provides 6' clearance between ceiling and TOR (furnished in place of floor supports). See Conveyor Accessories.

CONVEYOR SPEED: Constant speeds available 20-150 FPM (optional speeds are dependent upon product weight. Consult Factory)

DIFFUSE PHOTOEYE: Photoeyes mounted below tread rollers.



CONVEYOR LENGTH	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	Deduct	
BF	OAW	UNIT WEIGHTS (lbs.) with 3" Roller Centers (For other centers, deduct weights below)										Per Foot
15"	18"	205	410	615	820	1025	1230	1435	1640	1845	2050	21
19"	21"	230	460	690	920	1150	1380	1610	1840	2070	2300	23
21"	24"	242	484	726	968	1210	1452	1694	1936	2178	2420	24
25"	28"	266	532	798	1064	1330	1596	1862	2128	2394	2660	27
27"	30"	279	558	837	1116	1395	1674	1953	2232	2511	2790	28
33"	36"	323	646	969	1292	1615	1938	2261	2584	2907	3230	32
39"	42"	361	722	1083	1444	1805	2166	2527	2888	3249	3610	36



■ 5-6 week shipment