

25-CREZD

Heavy-Duty Accumulating Roller Conveyor

The model 25-CREZD is a chain driven live roller conveyor designed for zero-pressure accumulation of products. This conveyor is designed to handle loads such as pallets, drums, containers, etc. Products may be accumulated in zones and released upon request.

- EZDrive® System (Individual Zone Drive)
- EZLogic® Accumulation System
- Chain Driven Rollers
- Shaft-Mounted Drive
- Adjustable HSN-Type Floor Supports Available



Conveyor shown with optional floor supports.

[LEARN MORE](#)
[TECHNICAL MANUAL](#)

OAW – 4 in., 5 in., and 6 in. Roller Centers

Conveying Surface	27 3/4"	29 3/4"	31 3/4"	33 3/4"	35 3/4"	37 3/4"	39 3/4"	41 3/4"	43 3/4"	45 3/4"	47 3/4"	49 3/4"	51 3/4"	53 3/4"	55 3/4"	57 3/4"	59 3/4"	61 3/4"	63 3/4"
Between Rail Width	31"	33"	35"	37"	39"	41"	43"	45"	47"	49"	51"	53"	55"	57"	59"	61"	63"	65"	67"
Overall Frame Width	34 1/4"	36 1/4"	38 1/4"	40 1/4"	42 1/4"	44 1/4"	46 1/4"	48 1/4"	50 1/4"	52 1/4"	54 1/4"	56 1/4"	58 1/4"	60 1/4"	62 1/4"	64 1/4"	66 1/4"	68 1/4"	70 1/4"
Weight Per Foot 4" Centers	109	114	119	124	129	134	139	144	149	154	159	164	169	174	179	184	189	194	199
Weight Per Foot 5" Centers	97	100	103	106	109	112	115	118	121	124	127	130	133	136	139	142	145	148	151
Weight Per Foot 6" Centers	84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138

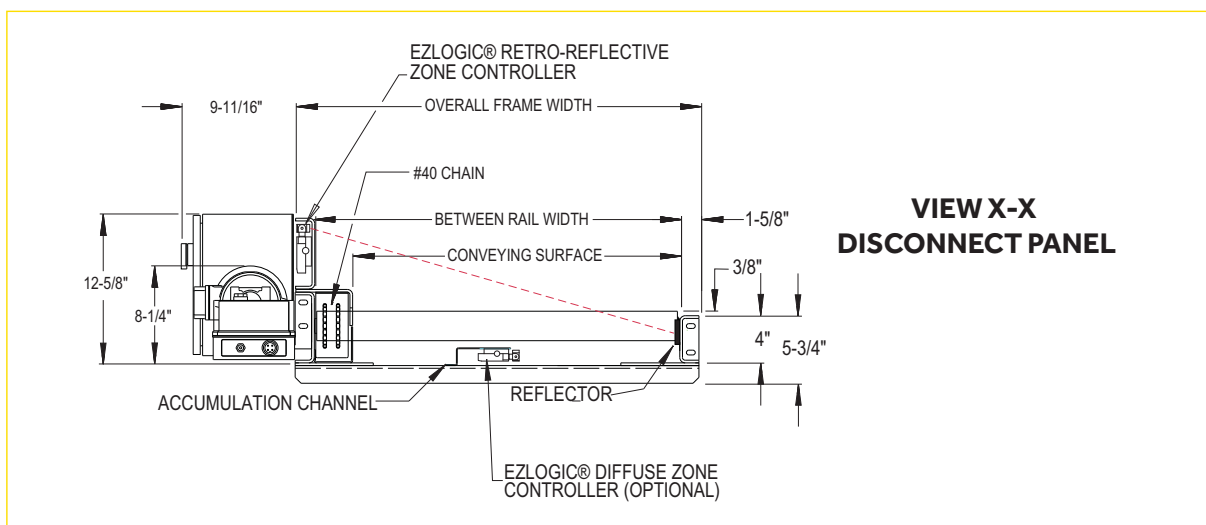
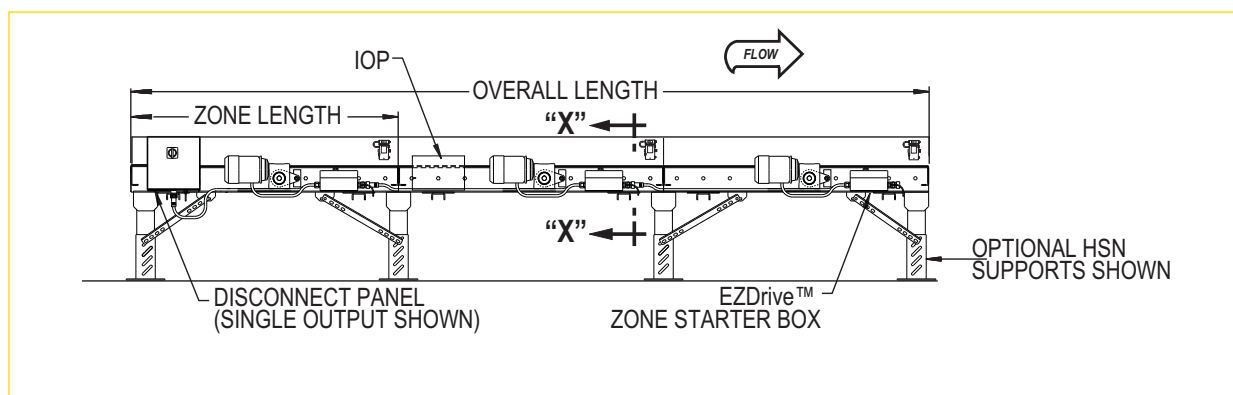
OAW – 3 in. Roller Centers

Conveying Surface	27 3/4"	29 3/4"	31 3/4"	33 3/4"	35 3/4"	37 3/4"	39 3/4"	41 3/4"	43 3/4"	45 3/4"	47 3/4"	49 3/4"	51 3/4"	53 3/4"	55 3/4"	57 3/4"	59 3/4"	61 3/4"	63 3/4"
Between Rail Width	32"	34"	36"	38"	40"	42"	44"	46"	48"	50"	52"	54"	56"	58"	60"	62"	64"	66"	68"
Overall Frame Width	35 1/4"	37 1/4"	39 1/4"	41 1/4"	43 1/4"	45 1/4"	47 1/4"	49 1/4"	51 1/4"	53 1/4"	55 1/4"	57 1/4"	59 1/4"	61 1/4"	63 1/4"	65 1/4"	67 1/4"	69 1/4"	71 1/4"
Weight Per Foot 3" Centers	145	151	157	163	169	175	181	187	193	199	205	211	217	223	229	235	241	247	253

Total Weight = (Number of Zones x 30) + (OAL x Weight per Foot)

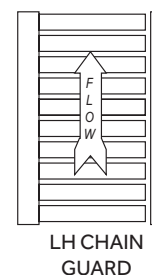
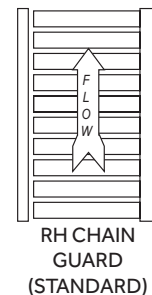
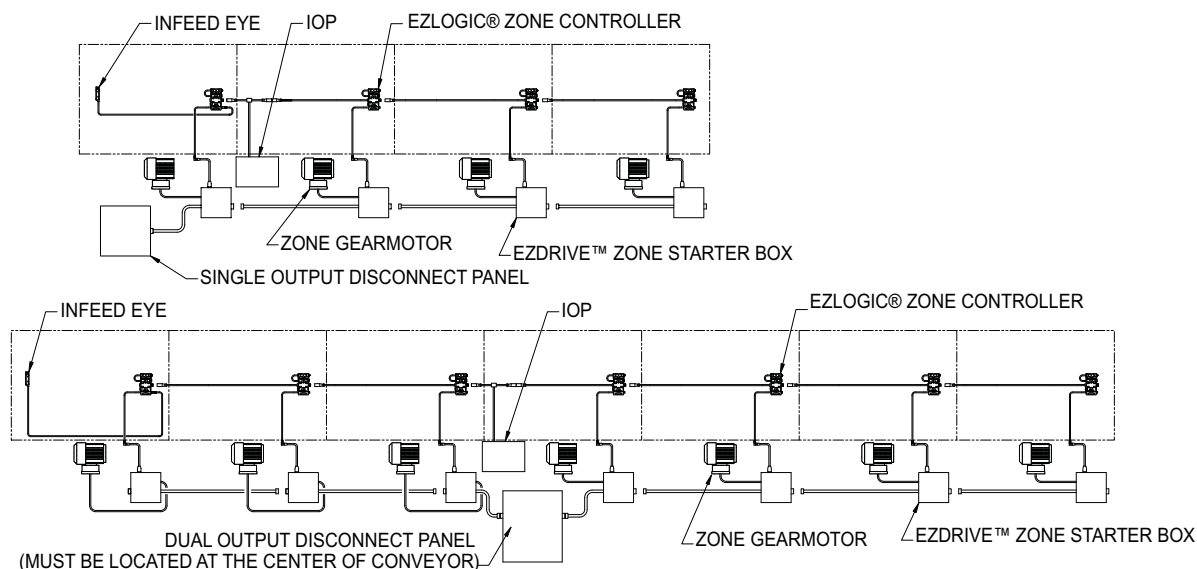
All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.

25-CREZD



25-CREZD

Note: Infeed Wake-Up Eye used only on terminating infeed end of conveyor. Not used when connecting to upstream EZLogic® conveyor through power supply isolation cable.



EZLOGIC® ACCUMULATION SYSTEM

Hytrol's EZLogic®, or Electronic Zero-Pressure Logic Accumulation System, combines the sensing accuracy of photo-electronics with discrete electronic logic control without the use of a PLC or pneumatic logic components. The EZLogic® Accumulation System provides many features including:

Zero-Pressure Accumulation of Product

Zone Stop function is built in. Any zone may be transformed into a workstation by connecting a dry contact switching device to the auxiliary port of the EZLogic® Zone Controller. This feature is always used at the discharge end of the conveyor line, and may be used at any other location where a zone stop is required.

Dynamic Zone Allocation – Automatically adjusts the conveyor's zone length to accommodate the length of the product being conveyed. Improves conveyor efficiency and system flexibility.

Sleep Feature – Stops tread rollers from turning when no product is present, reducing noise, reducing energy consumption and extending roller bearing life.

Unloading Zone Feature - Zone On Delay – Timer delays the zone immediately upstream from a removed load, preventing it from driving for a set time. This feature is ideal where loads are routinely removed from the conveyor with a lift truck.

Loading Zone Feature – Zone detects load being placed onto the conveyor with a fork truck and stops the zone from driving and automatically prevents any loads in zones upstream from entering loading area.

25-CREZD

Standard Specifications

BED – Roller bed with 2 1/2 in. dia. x 11 ga. unplated rollers spaced every 4 or 6 in. Tread rollers mounted in 4 in. x 4 ga. formed channel on side opposite chain guard and 6 in. x 4 ga. formed channel on chain guard side. Bolted together with butt couplings.

DRIVE CHAIN – No. 40 roller-to-roller.

CHAIN GUARD – Formed steel guards totally enclose drive chains.

BEARINGS – Sealed, pre-lubricated ball bearings.

EZDRIVE® SYSTEM – Shaft mounted gearmotor located near center of each zone. 1/2 HP, 3 PH, 60 Hz. Totally enclosed fan cooled. 230/460 V (specify voltage). Includes EZDrive® Disconnect Panel. Power is distributed zone-to-zone through pluggable cordsets. Power is connected from the starter box to the motor via SO type cord. Please contact factory if local code requires other than the standard power distribution techniques described.

ACCUMULATION ZONES – 4 in. roller centers, 32 in. to 120 in. on 4 in. increments. 3 in. and 6 in. roller centers, 30 in. to 120 in. on 6 in. increments. 5 in. roller centers, 30 in. to 120 in. on 5 in. increments. Frame length changes with zone length.

EZLOGIC® ZONE CONTROLLER – Located in each zone (retro-reflective). NEMA 1, 2, IP 62. UL Approved.

IOP – Provides 27VDC, 100 watt power for EZLogic® accumulation system; contains slots for 4 input/output boards. Should be located near disconnect panel. See chart for maximum quantity of zones. Requires 120VAC or 230VAC single phase input.

CONVEYING SPEED – Constant 28 FPM.

CAPACITY – Maximum load per linear foot of conveyor: 300 lbs. with supports on 10 ft. centers and 1000 lbs. with supports on 5 ft. centers. Maximum unit load 4000 lbs. per zone with 4 in. roller centers and #40 chain. Zones longer than 6 ft. may require an additional floor support depending on product load.

FLOOR SUPPORTS – Supplied as optional equipment.

	230V	460V
Disconnect Panel	3 Ph. 60 Hz	3 Ph. 60 Hz
Single Output	1-5 Zones	1-10 Zones
Dual Output	6-10 Zones	11-20 Zones

Optional Equipment

FLOOR SUPPORTS – HSN Type floor supports are available with a wide range of adjustment. Specify top of belt or roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Knee braces recommended above HSN-6 support.

CONVEYING SPEED – Other constant and variable speeds available. Contact factory.

TREAD ROLLERS – 2 5/8 in. dia. x 7 ga. steel, 11/16 in. hex spring-loaded shaft.

EZDRIVE® SYSTEM – Variable Frequency Drive for adjusting conveying speed or adjusting acceleration and deceleration time.

EZLOGIC® – See EZLogic® Components Page.

36-CREZD

Heavy-Duty Accumulating Roller Conveyor

The model 36-CREZD is a heavy-duty chain driven live roller conveyor designed for zero-pressure accumulation of products. This conveyor is designed to handle heavily loaded containers, racks, or pallets. Products may be accumulated in zones and released upon request.

- EZDrive® System (Individual Zone Drive)
- EZLogic® Accumulation System
- Chain Driven Rollers
- Shaft-Mounted Drives
- HSF-Type Floor Supports Available



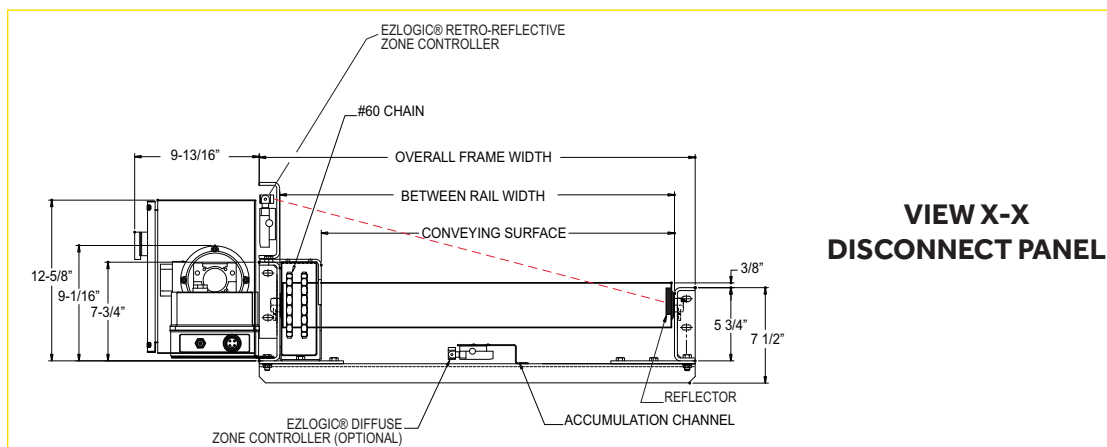
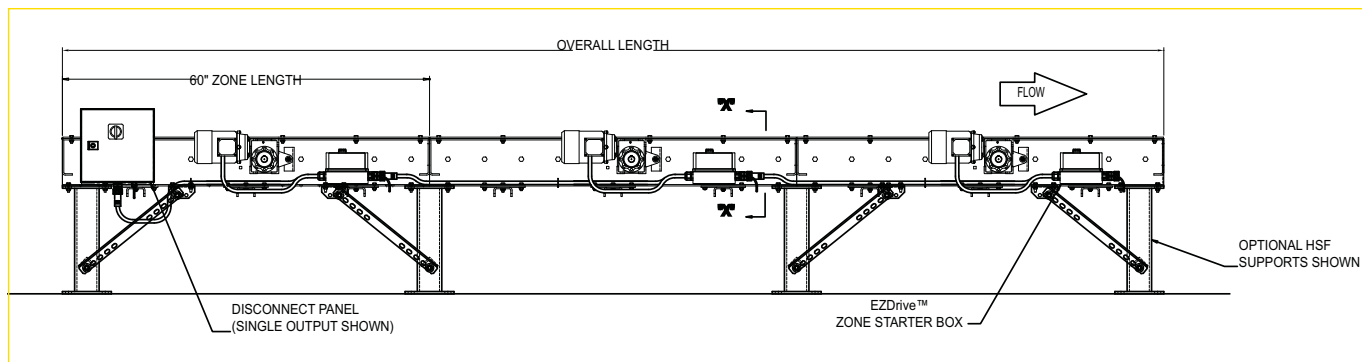
Conveyor shown with optional floor supports.

[LEARN MORE](#) [TECHNICAL MANUAL](#)

Conveying Surface	27 3/4"	31 3/4"	35 3/4"	39 3/4"	43 3/4"	47 3/4"	51 3/4"	55 3/4"	59 3/4"	63 3/4"
Between Rail Width	31"	35"	39"	43"	47"	51"	55"	59"	63"	67"
Overall Frame Width	34 1/4"	38 1/4"	42 1/4"	46 1/4"	50 1/4"	54 1/4"	58 1/4"	62 1/4"	66 1/4"	70 1/4"
Weight Per Foot 6" Centers	115	123	131	139	147	155	163	171	179	187

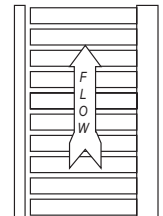
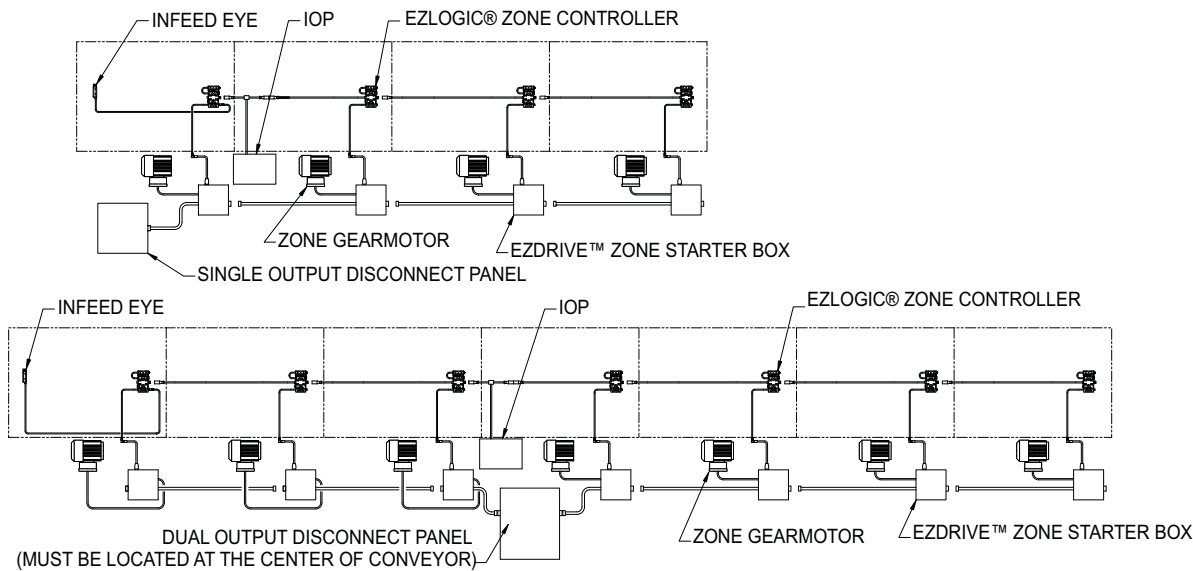
Total Weight = (Number of Zones x 35) + (OAL x Weight per Foot)
 All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.

36-CREZD

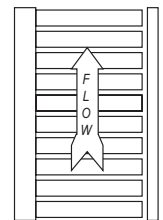


36-CREZD

Note: Infeed Wake-Up Eye used only on terminating infeed end of conveyor. Not used when connecting to upstream EZLogic® conveyor through power supply isolation cable.



RH CHAIN
GUARD
(STANDARD)



LH CHAIN
GUARD

EZLOGIC® ACCUMULATION SYSTEM

Hytrol's EZLogic®, or Electronic Zero-Pressure Logic Accumulation System, combines the sensing accuracy of photo-electronics with discrete electronic logic control without the use of a PLC or pneumatic logic components. The EZLogic® Accumulation System provides many features including:

Zero-Pressure Accumulation of Product

Zone Stop function is built in. Any zone may be transformed into a workstation by connecting a dry contact switching device to the auxiliary port of the EZLogic® Zone Controller. This feature is always used at the discharge end of the conveyor line, and may be used at any other location where a zone stop is required.

Dynamic Zone Allocation – Automatically adjusts the conveyor's zone length to accommodate the length of the product being conveyed. Improves conveyor efficiency and system flexibility.

Sleep Feature – Stops tread rollers from turning when no product is present, reducing noise, reducing energy consumption and extending roller bearing life.

Unloading Zone Feature - Zone On Delay – Timer delays the zone immediately upstream from a removed load, preventing it from driving for a set time. This feature is ideal where loads are routinely removed from the conveyor with a lift truck.

Loading Zone Feature – Zone detects load being placed onto the conveyor with a fork truck and stops the zone from driving and automatically prevents any loads in zones upstream from entering loading area.

36-CREZD

Standard Specifications

BED – Roller bed with 3 1/2 in. dia. x .300 wall unplated rollers spaced every 6 in. Tread rollers mounted in 5 3/4 in. x 4 ga. channel on side opposite chain guard and 7 3/4 in. x 4 ga. channel on chain guard side. Bolted together with butt couplings.

DRIVE CHAIN – No. 60 roller-to-roller.

CHAIN GUARD – Formed steel guards, totally enclosed drive chains.

BEARINGS – Sealed, pre-lubricated ball bearings.

EZDRIVE® SYSTEM – Shaft mounted gearmotor located near center of each zone. 3/4 HP, 3 Ph, 60 Hz. Totally enclosed fan cooled. 230 or 460 V (specify voltage). Includes EZDrive® Disconnect Panel. Power is distributed zone-to-zone through pluggable cordsets. Power is connected from the starter box to the motor via SO type cord. Please contact factory if local code requires other than the standard power distribution techniques described.

ACCUMULATION ZONE LENGTHS – 60 in., 72 in., 84 in., 96 in., 108 in., and 120 in. Frame lengths will change with zone lengths.

EZLOGIC® ZONE CONTROLLER – Located in each zone (retro-reflective). NEMA 1, 2, IP 62. UL Approved.

IOP – Provides 27VDC, 100 watt power for EZLogic® accumulation system; contains slots for 4 input/output boards. Should be located near disconnect panel. See chart for maximum quantity of zones. Requires 120VAC or 230VAC single phase input.

CONVEYING SPEED – Constant 26.5 FPM.

CAPACITY – Maximum load per linear foot of conveyor: 2000 lbs. Maximum unit load 5000 lbs. per zone. Zones longer than 6 ft. may require an additional floor support depending on product load.

FLOOR SUPPORTS – Supplied as optional equipment.

	230V	460V
Disconnect Panel	3 Ph. 60 Hz	3 Ph. 60 Hz
Single Output	1-3 Zones	1-6 Zones
Dual Output	4-6 Zones	7-12 Zones

Optional Equipment

FLOOR SUPPORTS – HSF Type floor supports are available for a wide range of elevations. Specify top of roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Includes knee braces HSF-11 and above.

CONVEYING SPEED – Other constant and variable speeds available. Contact factory.

EZDRIVE® SYSTEM – Variable Frequency Drive for adjusting conveying speed or adjusting acceleration and deceleration time.

EZLOGIC® – See EZLogic® Components Page.

199-CRE24EZ

24VDC Accumulating Roller Conveyor

The model 199-CRE24EZ accumulating conveyor uses a 24VDC motor/reducer to drive chain driven tread rollers. This conveyor is designed to handle cartons or pallets in conditions that may not be suitable for belt-driven rollers. Products may be accumulated in zones and released upon request.

- EZLogic® Accumulation System
- Chain Driven Rollers
- Shaft-Mounted 24VDC Drive
- Adjustable MSN-Type Floor Supports Available



Conveyor shown with optional floor supports.

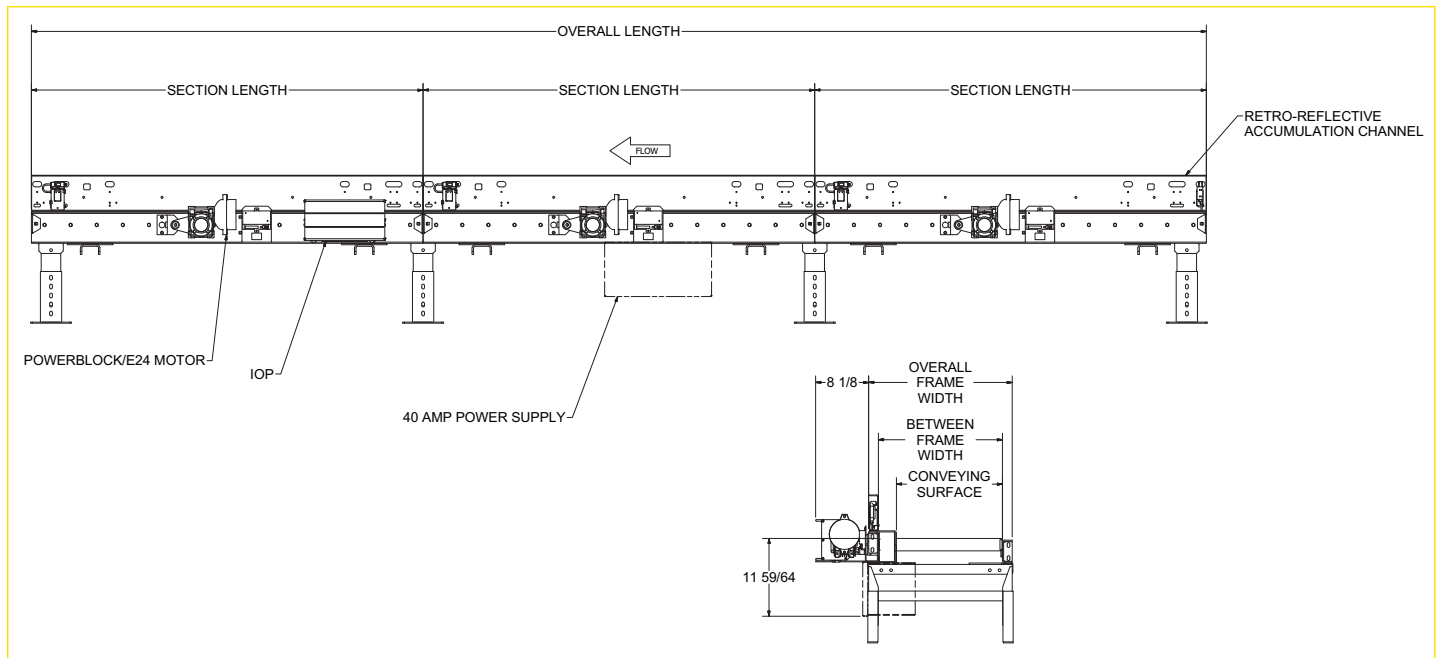
[LEARN MORE](#)

Conveying Surface	12 1/4"	14 1/4"	16 1/4"	18 1/4"	20 1/4"	22 1/4"	24 1/4"	28 1/4"	30 1/4"	34 1/4"	36 1/4"
Between Rail Width	15"	17"	19"	21"	23"	25"	27"	31"	33"	37"	39"
Overall Frame Width	18"	20"	22"	24"	26"	28"	30"	34"	36"	40"	42"
Weight (lbs.) Per Foot 4" Roller Centers	51	53	55	57	59	61	63	67	69	73	75
Weight (lbs.) Per Foot 6" Roller Centers	46	48	50	52	54	56	58	62	64	66	68

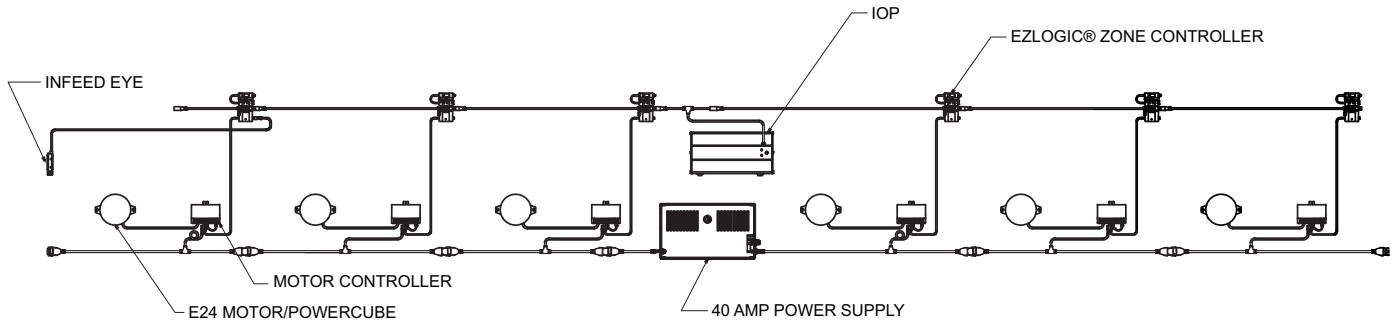
Total Weight = (Number of Zones x 30) + (OAL x Weight Per Foot)

All weights in catalog are conveyor weights only. Accessories, crating, etc., are not included.

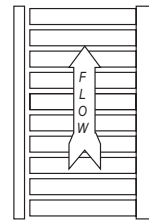
199-CRE24EZ



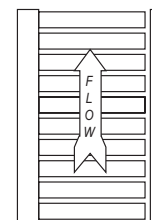
199-CRE24EZ



Power Supply	Max Number of Zones
20 Amp	4
40 Amp	8



RH CHAIN GUARD (STANDARD)



LH CHAIN GUARD

Note: Infeed Wake-Up Eye used only on terminating infeed end of conveyor. Not used when connecting to upstream EZLogic® conveyor through power supply isolation cable.

EZLOGIC® ACCUMULATION SYSTEM

Hytrol's EZLogic®, or Electronic Zero-Pressure Logic Accumulation System, combines the sensing accuracy of photo-electronics with discrete electronic logic control without the use of a PLC or pneumatic logic components. The EZLogic® Accumulation System provides many features including:

Zero-Pressure Accumulation of Product

Zone Stop function is built in. Any zone may be transformed into a workstation by connecting a dry contact switching device to the auxiliary port of the EZLogic® Zone Controller. This feature is always used at the discharge end of the conveyor line, and may be used at any other location where a zone stop is required.

Dynamic Zone Allocation – Automatically adjusts the conveyor's zone length to accommodate the length of the product being conveyed. Improves conveyor efficiency and system flexibility.

Sleep Feature – Stops tread rollers from turning when no product is present, reducing noise, reducing energy consumption and extending roller bearing life.

Unloading Zone Feature - Zone On Delay – Timer delays the zone immediately upstream from a removed load, preventing it from driving for a set time. This feature is ideal where loads are routinely removed from the conveyor with a lift truck.

Loading Zone Feature – Zone detects load being placed onto the conveyor with a fork truck and stops the zone from driving and automatically prevents any loads in zones upstream from entering loading area.

199-CRE24EZ

Standard Specifications

BED – Roller bed with 1.9 in. dia. x 9 ga. unplated rollers spaced every 4 or 6 in. Tread rollers mounted in 3 1/2 in. x 7 ga. formed channel on side opposite chain guard and 4 3/4 in. x 7 ga. formed channel on chain guard side. Bolted together with butt couplings.

DRIVE CHAIN – No. 40 roller-to-roller.

CHAIN GUARD – Formed steel guards totally enclose drive chains.

ACCUMULATION ZONES – 4 in. roller centers, 32 in. to 120 in. on 4 in. increments. 6 in. centers, 30 in. to 120 in. on 6 in. increments. Frame length changes with zone length.

EZLOGIC® ZONE CONTROLLER – Located in each zone (retro-reflective). NEMA 1, 2, IP 62. UL Approved.

POWER SUPPLY (FOR MOTORS) – 40 Amp DC power supply, 28 volt fixed output. Maximum of 8 zones per power supply. 120VAC, 24 Amp input. Mounted near center of conveyor.

IOP – Provides 27VDC, 100 watt power for EZLogic® accumulation system; contains slots for 4 input/output boards. Operates up to 50 zones with maximum of 25 on either side of IOP. Requires 120VAC or 230VAC single phase input.

CONVEYING SPEED – Up to 35 FPM.

CAPACITY – Maximum load per linear foot of conveyor: 150 lbs. with supports on 10 ft. centers, 250 lbs. per ft. with supports on 5 ft. centers. Not to exceed 600 lbs. per zone. Zones longer than 6 ft. may require an additional floor support depending on product load.

FLOOR SUPPORTS – Supplied as optional equipment.

Optional Equipment

FLOOR SUPPORTS – MSN Type floor supports are available with a wide range of adjustment. Specify top of belt or roller elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor. Knee braces recommended above MSN-6 support.

CONVEYING SPEED – Other constant and variable speeds. Note: Capacity affected with speed change.

GUARD RAILS – Adjustable Universal Channel Guard Rail (both sides), fixed channel (one side), or angle (one side).

POLY-TIER SUPPORTS – 36 in. to 120 in. support heights in 6 in. increments. Knee braces supplied.

CEILING HANGER – 5/8 in. dia. x 8 ft. long unplated rods fully threaded. Other lengths and galvanized rods available.

EZLOGIC® – See EZLogic® Components Page.