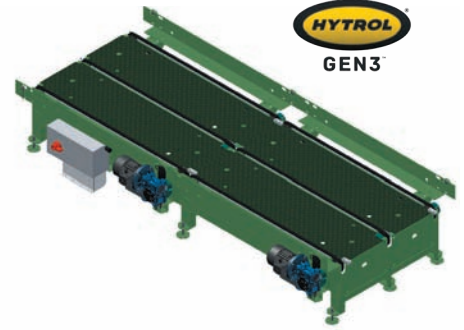


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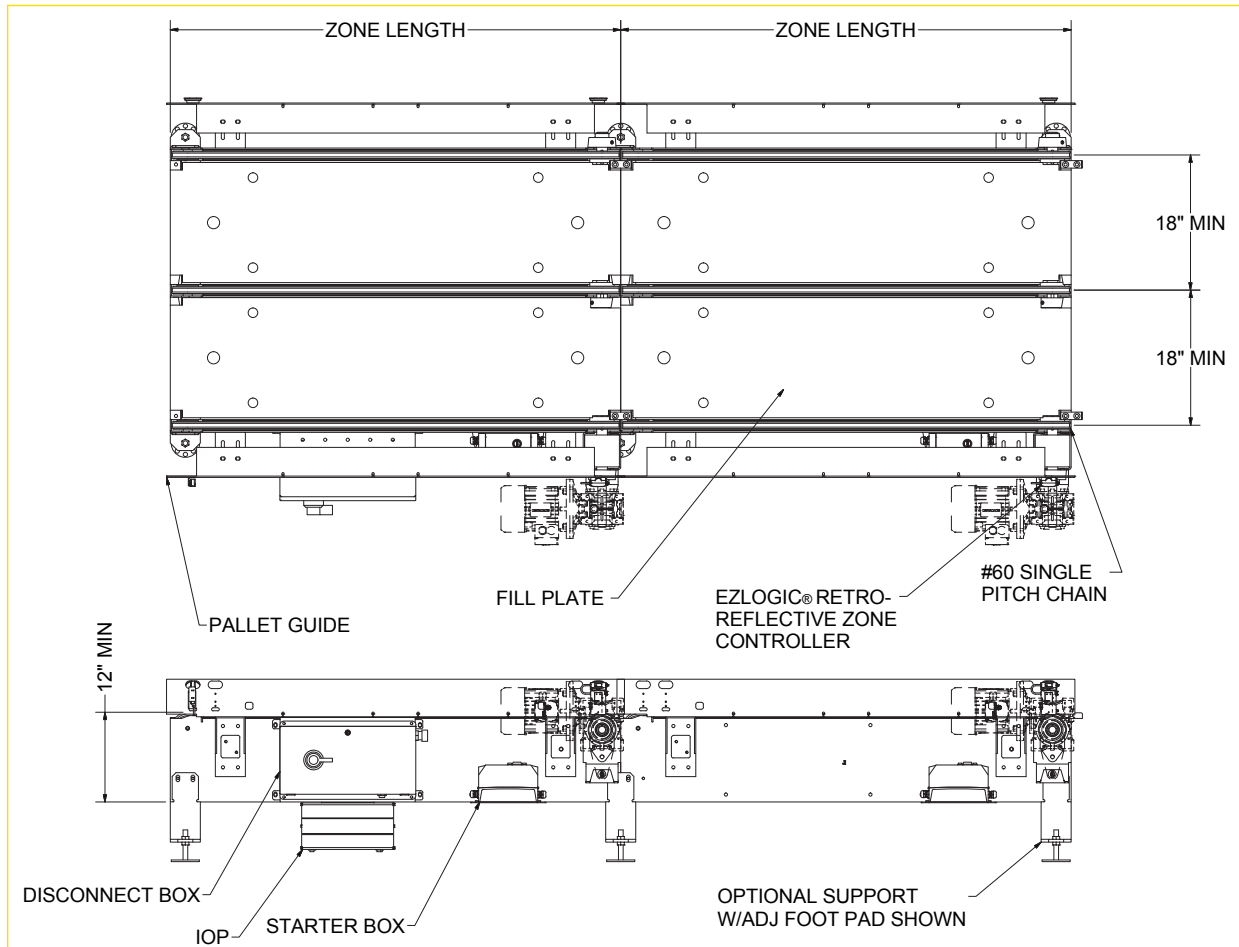
Accumulating Drag Chain Conveyor

The model DCEZD-63 is a three strand drag chain conveyor designed to handle pallets. With EZLogic® Zone Controller, pallets are accumulated with zero-pressure, reducing the possibility of collision that may result in product damage.

- 3 Strand Design
- EZDrive® System (Individual Zone Drive)
- EZLogic® Accumulation System
- Modular Assembly
- Adjustable DCS-Type Floor Supports Available



Overall Length "A"	Frame Width	37 7/8" 43 7/8" 49 7/8" 55 7/8" 61 7/8" 67 7/8" 73 7/8" 79 7/8" 85 7/8" 91 7/8" 97 7/8"										
	Strand Centers	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"
10'	Weights	925	965	1004	1044	1083	1125	1166	1206	1245	1281	1325
Per Foot Weight		93	97	100	104	108	113	117	121	125	128	133



Standard Specifications — DCEZD-63

CHAIN – #60 single pitch conveyor chain (straight sidebar).

CHAIN GUIDE – UHMW polyethylene.

FRAME – 11 1/8 in. x 7 ga. powder-painted formed steel angle. 7 ga. formed coupling channels located at infeed and discharge ends of each module.

DRIVE SPROCKET – Hardened #60 with 1 7/16 in. dia. steel shaft.

BEARINGS – Sealed, pre-lubricated, self-aligning ball bearings on drive.

EZLOGIC® ZONE CONTROLLER – Located in each zone. NEMA 1, 2, IP62. UL Approved.

ACCUMULATION ZONES – 60 in. long sections with EZLogic® Accumulation.

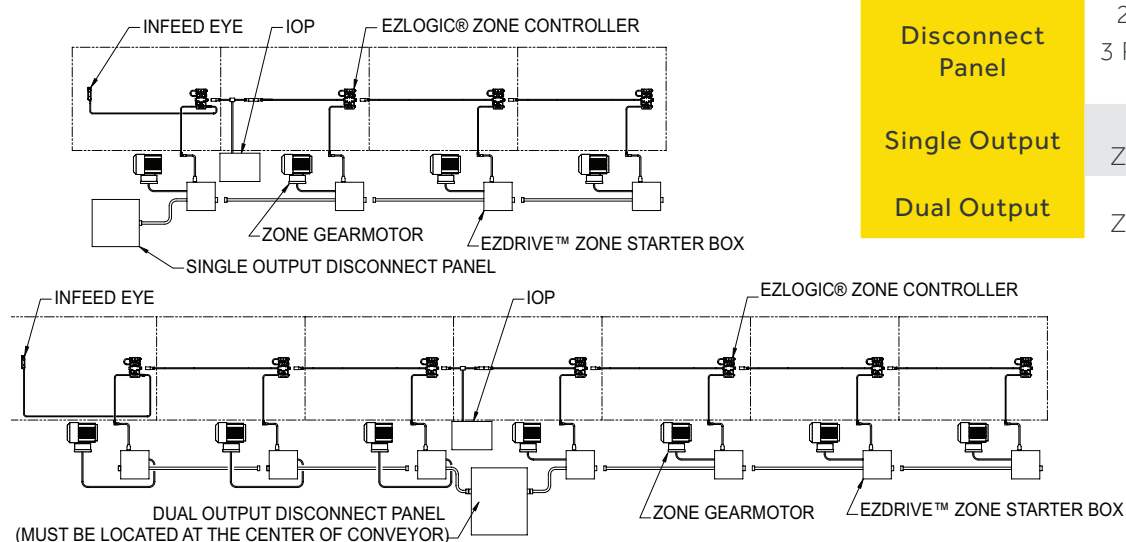
IOP – Provides 27VDC, 100 watt power for EZLogic® accumulation system; contains slots for 4 input/output boards. Requires 120VAC or 230VAC single phase input.

MOTOR – 3/4 HP, 230/460/575V, 3 Ph. 60 Hz. gearmotor, shaft-mounted at discharge end of zone.

CONVEYING SPEED – 30 FPM.

CAPACITY – 3,000 lbs. maximum per zone at 30 FPM.

FLOOR SUPPORTS – Supplied as optional equipment.



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.

DCEZD-63

Optional Equipment

FLOOR SUPPORTS – DCS Type floor supports are available with a wide range of adjustment. Specify top of chain elevation. One support required at every bed joint and ends of conveyor. Holes in feet for lagging to floor.

ACCUMULATION ZONES – 48 in., 54 in., and 66 in. intermediate sections with EZLogic® Accumulation. Contact factory for other lengths.

CONVEYING SPEED – Speeds other than 30 FPM will require gearmotor change (contact factory).

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

EZLOGIC® – See EZLogic® Components Page.

DCEZD-63

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.