

OSCILLATING CONVEYORS

Reliable Performance. Efficient Material Handling.

Engineered for durability and performance, Pax Oscillating (shaker) Conveyors feature patented Elliptical Gear Drive (EGD) technology to deliver dependable operation, high conveying speeds, and low-RPM efficiency.

- ◆ Robust, Quiet Operation
- ◆ Patented Elliptical Gear Drive
- ◆ Electrically Actuated — No Air Consumption
- ◆ Multi-Tray and Single-Tray Configurations



DESIGNED FOR STAMPERS BY STAMPERS

Patented Elliptical Gear Drive (EGD) Technology

Faster. Quieter. More Reliable.

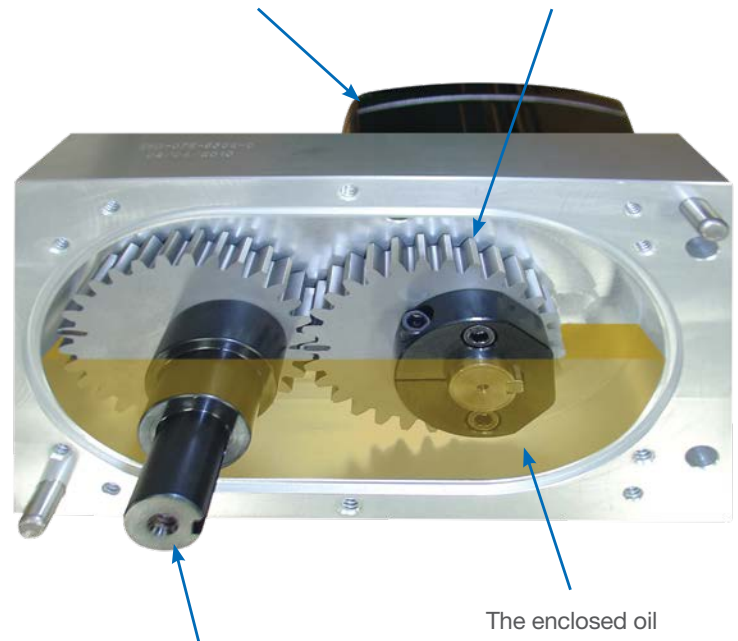
Pax Products' patented Elliptical Gear Drive technology delivers superior conveying performance through a robust, electrically driven design engineered for demanding stamping environments. Operating at low RPMs while achieving high conveying speeds, EGD conveyors provide dependable, efficient material handling with minimal maintenance requirements.

EGD Advantages

- ◆ **High-Speed Conveying** – Achieves conveying speeds up to 25 fpm at approximately 100 cpm, outperforming typical linkage-driven designs.
- ◆ **Quiet Operation** – Precision gear-driven motion eliminates free, undamped clearance, resulting in operating sound levels less than 70 dBA.
- ◆ **Energy Efficient** – Electrically driven gears eliminate compressed air consumption and the maintenance challenges associated with pneumatic systems, resulting in lower operating costs.
- ◆ **Robust Design** –
 - Oversized, oil-bathed gears operate in a sealed gearbox for low stress and virtually no wear.
 - Low-RPM operation extends bearing life.
 - Rigidized metal trays withstand harsh environments better than belt conveyors.
- ◆ **Multiple Mounting Options** – Available in multi-tray and single-tray configurations.
- ◆ **Easy Tray Attachment & Die Access** – Tool-free Pax Tray Brackets snap onto the cross bar for quick and easy installation and convenient die access.
- ◆ **Proven Reliability** – Every Pax conveyor is fully tested before shipment and backed by the Pax Products warranty.

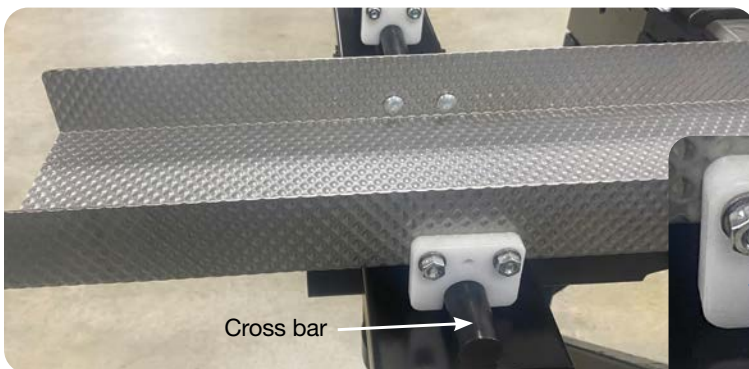
High acceleration rates generated by the elliptical gears deliver faster conveying speeds than typical linkage designs.

Electric Motor Drives the Elliptical Gears



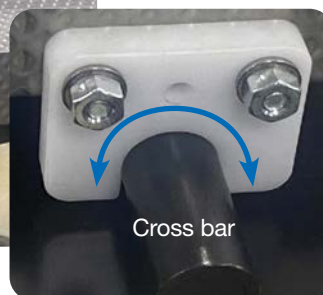
The oscillating shaft output drives the linkage, which in turn drives the crossbar.

The enclosed oil bath minimizes gear wear.



Pax Tray Bracket

Cross bar



Cross bar

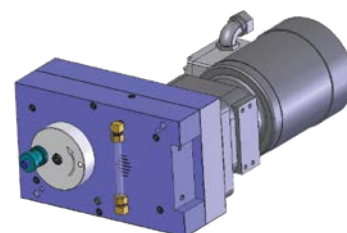
Pax Tray Brackets

Machined acetal brackets simply snap onto the cross bar without tools for quick and easy installation. The brackets bolt to the tray sides and can rotate on the cross bar to accommodate slight tray angles.

Conveyor Specifications

Specifications – Multi-Tray Conveyors					
Model	EGD-50	EGD-125	EGD-250-48	EGD-250-72	EGDM-250
Tray Weight Capacity	50 lbs	125 lbs	250 lbs	250 lbs	250 lbs
Part/Scrap Capacity	100 lbs	250 lbs	500 lbs	500 lbs	500 lbs
Cross Bar Lengths	12" to 60" in 6" increments	24" to 120" in 6" increments	48" to 144" in 6" increments	72" to 192" in 6" increments	72" to 240" in 12" increments
Unit Dimensions	16.5" H x 6.7" W x 15.6" D	9.4" H x 20" W x 15" D	11.6"H x 49" W x 17.5" D	12" H x 72" W x 18" D	Drive Unit = 11.19" H x 26.38" W x 17.81" D Linear Module = 8.44" H x 15.25" W x 17.75" D
Unit Weight	50 lbs	95 lbs	440 lbs	700 lbs	Drive Module = 145 lbs Linear Module = 95 lbs ea.
Motor Size	1/6 HP Gear Motor	3/8 HP Gear Motor	3/4 HP Gear Motor		
Control Type	Push Button Switch	Externally Mounted Drive is Utilized For ON/OFF			
Drive Location	Cross bar is driven at its center between four widely spaced linear bearings.		Each bearing set is directly driven in order to further resist off-center loading and extend bearing life.		
Conveying Speed	Fixed conveying speed. The EGD units operate at approximately 100 cpm, providing conveying speeds of up to 25 fpm depending on the type of part being conveyed, tray type, and tray cleanliness.				
Voltage Input	120VAC / 1Ph / 60Hz standard; Alternate voltages are available.				
See page for details	6	7	8	9	10 to 13
See page for options	14 to 17	14 to 17	14 to 17	14 to 17	14 to 17

Specifications – Single Tray Conveyors				
Model	EGDF-250	EGDF-125	EGDB-125 (Gearbox only)	EGDB-250 (Gearbox only)
Tray Weight Capacity	250 lbs	125 lbs	125 lbs	250 lbs
Part/Scrap Capacity	500 lbs	250 lbs	250 lbs	500 lbs
Max. Standard Tray Width	48"	16"	N/A	N/A
Unit Dimensions	12" H x tray width x 26.2" + tray length	9.4" H x 20" W x 15" D	6.95" H x 17.82" W x 11.25" D	5.90" H x 13.12" W x 8.75" D
Unit Weight	Varies w/ tray size	95 lbs	45 lbs	64 lbs
Motor Size	3/4 HP Gear Motor	3/8 HP Gear Motor	3/8 HP Gear Motor	3/4 HP Gear Motor
Control Type	Externally mounted drive is utilized for ON/OFF.			
Drive Location	Available in centered & offset drive	Centered	N/A	N/A
Conveying Speed	Fixed conveying speed. The EGD units operate at approximately 100 cpm, providing conveying speeds of up to 25 fpm depending on the type of part being conveyed, tray type, and tray cleanliness.			
Voltage Input	240VAC / 3Ph / 60Hz standard	120VAC / 1Ph / 60Hz standard	120VAC / 1Ph / 60Hz standard	120VAC / 1Ph / 60Hz standard
See page for details	18 to 19	18 to 19	Contact Pax	Contact Pax
See page for options	19	19	N/A	N/A



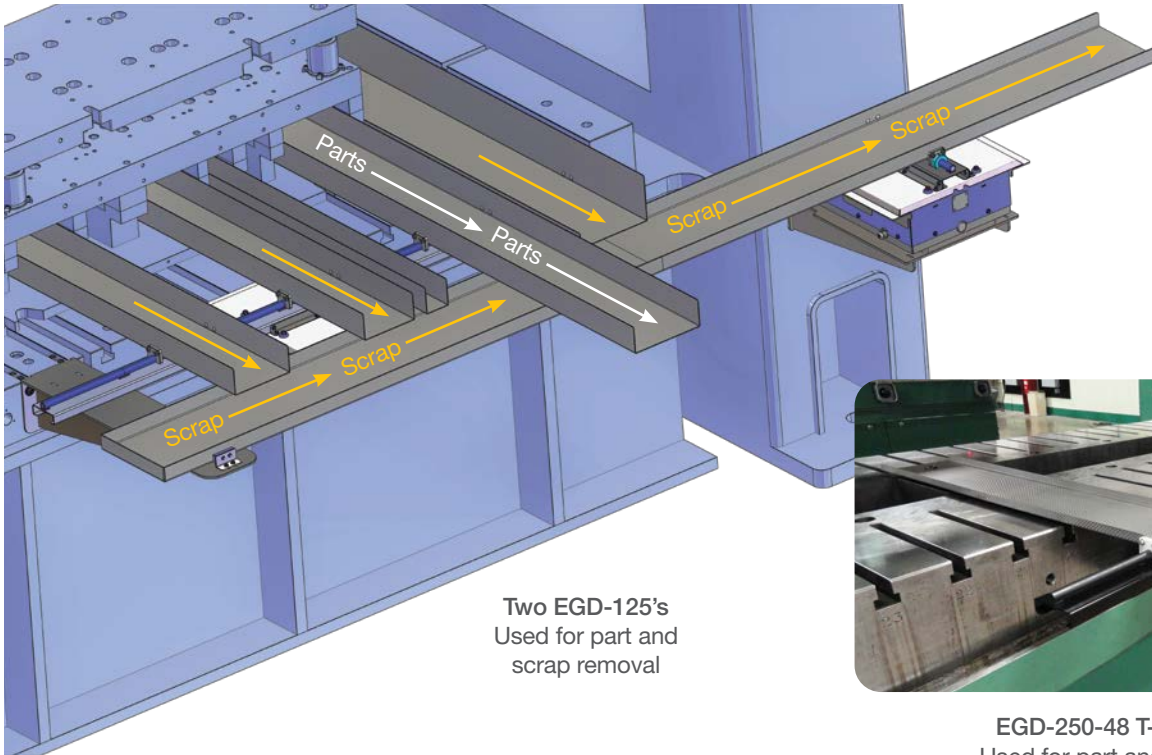
EGDB Gearbox Unit

Features an integrated motor and is supplied with a VFD.

Typical applications include custom conveyor systems and part separators for automation lines.

Application Examples

Multi-Tray Designs



Two EGD-125's
Used for part and scrap removal



EGD-250-48 T-Slot Mounted
Used for part and scrap removal

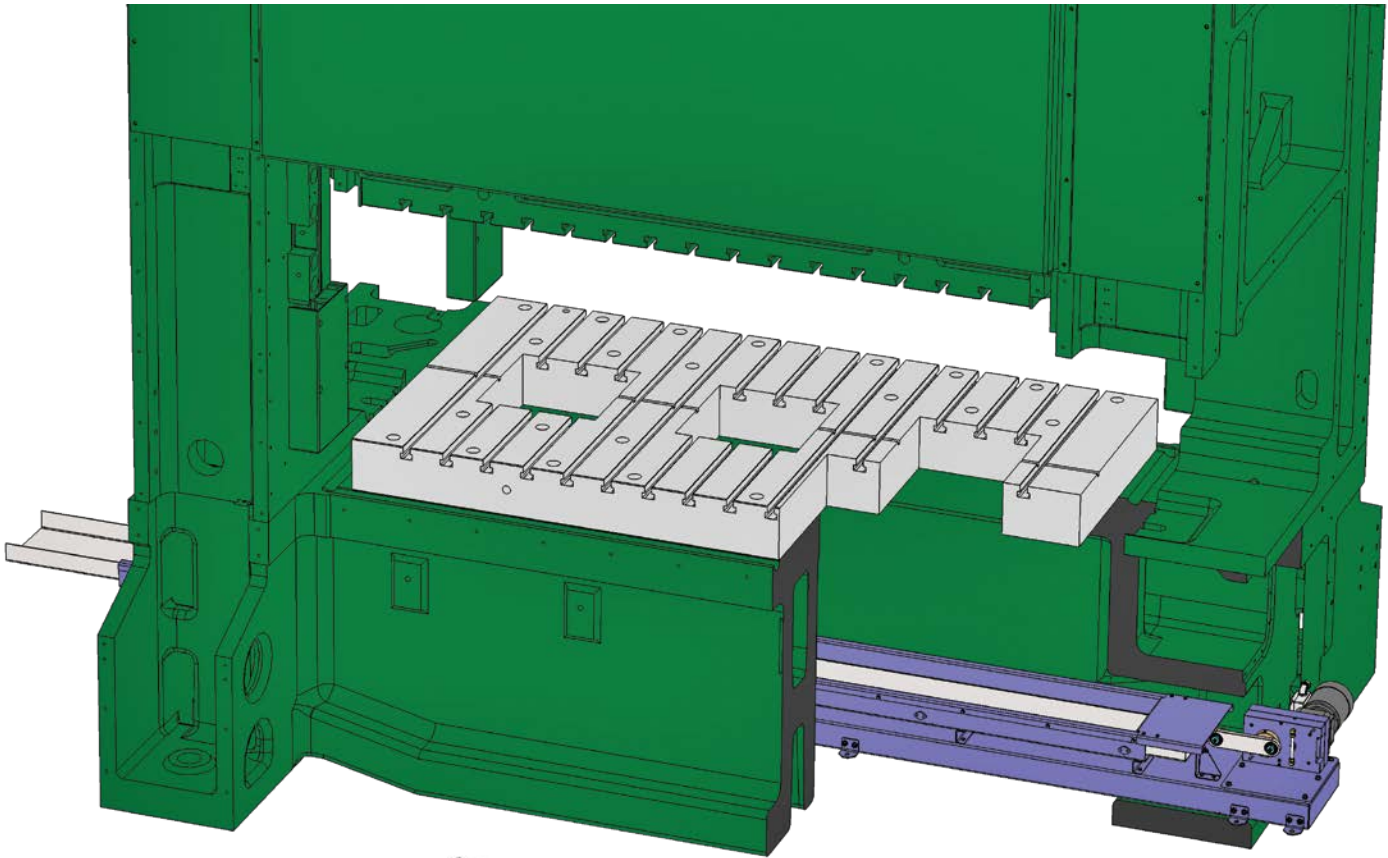


EGD-125 T-Slot Mounted
with a 72" Standard Crossbar
(trays are not shown)



EGD-125
Mounted to bottom
of gap frame press

Single Tray Designs



EGDF-250
Mounted in leg openings on press



Two EGDF-250 Conveyors
on a Common Stand
Used for separating parts
in a robot cell

Multi-Tray EGD Units

EGD-50

Specifications

- ◆ Maximum Total Tray Weight – 50 lbs
- ◆ Maximum Material Weight on Trays – 100lbs
- ◆ Speed – 25 fpm max @ 100 cpm
- ◆ Standard Cross Bar Lengths – 12" to 60"
- ◆ Quick Release Cross Bar Lengths – 24" to 60"
- ◆ Standard Input Voltage – 120VAC / 1Ph / 60Hz
- ◆ Optional Voltage – 480VAC / 3Ph / 60Hz

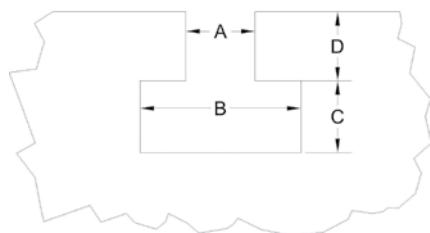
Standard Mounting Configurations

- ◆ T-Slot Mounting Brackets
 - Requires 5/8", 3/4" or 1" T-Slots on 6" or 12" centers
- ◆ Vertical Face Brackets
- ◆ Floor Stand
- ◆ Wheeled Floor Stand

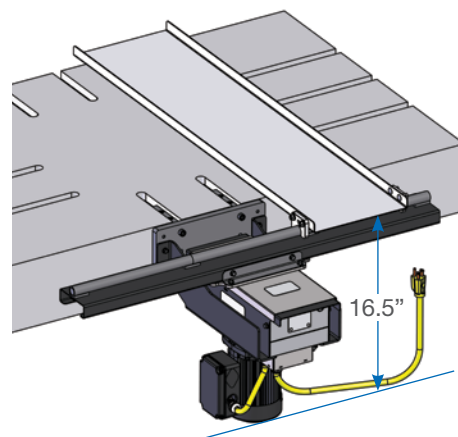
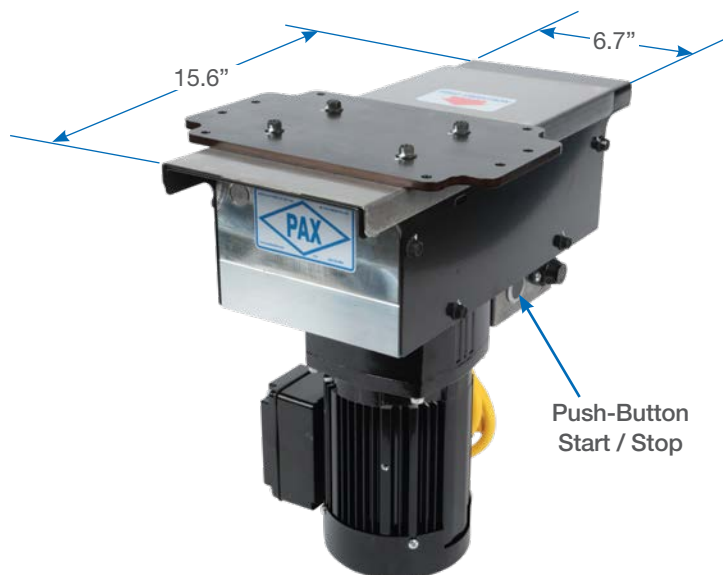
Optional Accessories

- ◆ Pax Standard and Quick Release Cross Bars
- ◆ Aluminum Extrusion Cross Bar Adapters
- ◆ Trays and Related Accessories

See pages 14-17 for cross bars, trays, and other available options.



Required T-Slot Dimensions for Standard T-Slot Mounting				
T-Slot	A	B	C	D
5/8"	0.69"	1.19"	0.45"	0.44"
3/4"	0.81"	1.38"	0.59"	0.56"
1"	1.06"	1.75"	0.78"	0.75"



Mounting Configurations



T-Slot Mounting Bracket



Vertical, Face Mount Bracket
Standard mounting surface is
5.25" H x 11" W

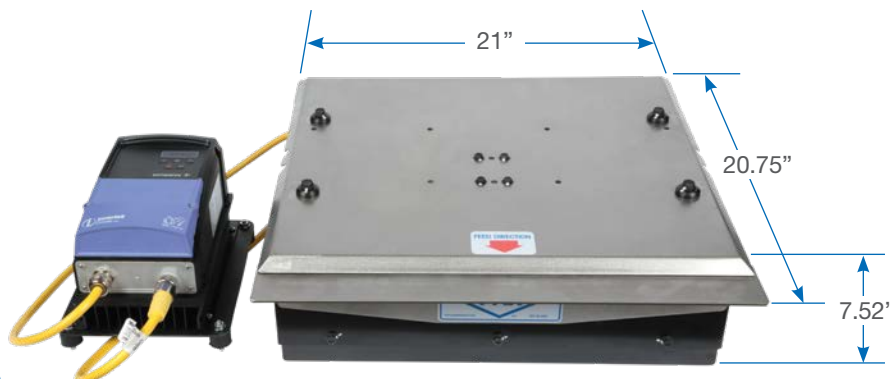


Wheeled Floor Stand
Stands must be attached to press prior
to operation. Multiple attachment
methods are available.

EGD-125

Specifications

- ◆ Maximum Total Tray Weight – 125 lbs
- ◆ Maximum Material Weight on Trays – 250 lbs
- ◆ Speed – 25 fpm max @ 100 cpm
- ◆ Standard Cross Bar Lengths – 18" to 120"
- ◆ Quick Release Cross Bar Lengths – 24" to 120"
- ◆ Standard Input Voltage – 120VAC / 1Ph / 60Hz
- ◆ Optional Voltage – 480VAC / 3Ph / 60Hz



Standard Mounting Configurations

- ◆ T-Slot Mounting Brackets
 - Requires 3/4" or 1" T-Slots on 6" or 12" centers
 - Fixed Height and Adjustable
- ◆ Vertical Face Brackets
- ◆ Horizontal Shelf Bracket
- ◆ Floor Stand
- ◆ Wheeled Floor Stand

Optional Accessories

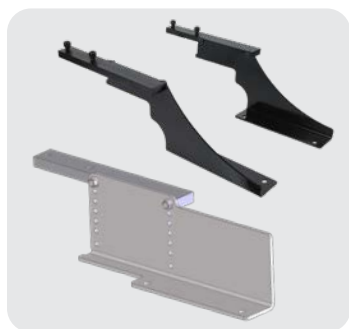
- ◆ Remote Start/Stop Wiring Package
- ◆ Cross Bar Sensor Package
- ◆ Pax Standard and Quick Release Cross Bars
- ◆ Aluminum Extrusion Cross Bar Adapters
- ◆ Trays and Related Accessories

See pages 14-17 for cross bars, trays, and other available options.



EGD-125 mounted in t-slots with 96" cross bar and 3 trays with Pax Tray Mounting Brackets

Mounting Configurations



T-Slot Mounting Brackets
Fixed height brackets (top) and adjustable brackets (bottom).



Vertical Face Mount Bracket



Horizontal Shelf Bracket



Wheeled Floor Stand
Stands must be attached to press prior to operation. Multiple height ranges and attachment methods are available.

Multi-Tray EGD Units

EGD-250-48

Specifications

- ◆ Maximum Total Tray Weight – 250 lbs
- ◆ Maximum Material Weight on Trays – 500 lbs
- ◆ Speed – 25 fpm max @ 100 cpm
- ◆ Standard Cross Bar Lengths – 48" to 144"
- ◆ Quick Release Cross Bar Lengths – 72" to 144"
- ◆ Standard Input Voltage – 120VAC / 1Ph / 60Hz
- ◆ Optional Voltage – 480VAC / 3Ph / 60Hz

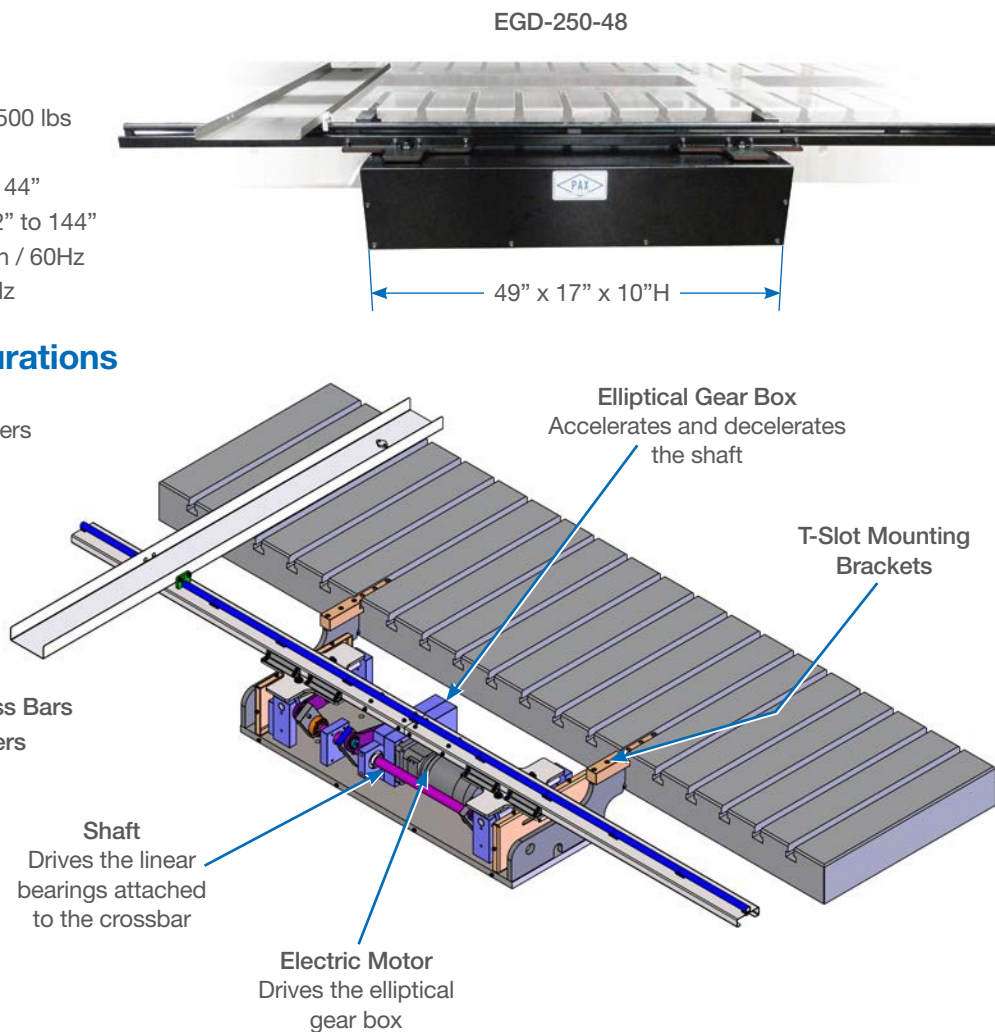
Standard Mounting Configurations

- ◆ T-Slot Mounting Brackets
 - Requires 1" T-Slots on 6" or 12" centers
- ◆ Vertical Face-Mount Brackets
- ◆ Floor Stand
- ◆ Wheeled Floor Stand

Optional Accessories

- ◆ Remote Start/Stop Wiring Package
- ◆ Cross Bar Sensor Package
- ◆ Pax Standard and Quick Release Cross Bars
- ◆ Aluminum Extrusion Cross Bar Adapters
- ◆ Trays and Related Accessories

See pages 14-17 for cross bars, trays, and other available options.



Mounting Configurations



T-Slot Mounting Brackets



Wheeled Floor Stand
Contact Pax for alternate stand designs.

Controls



VFD Control
Required for all EGD-250 units.

EGD-250-72

Specifications

- ◆ Maximum Total Tray Weight – 250 lbs
- ◆ Maximum Material Weight on Trays – 500 lb
- ◆ Speed – 25 fpm max @ 100 cpm
- ◆ Standard Cross Bar Lengths – 72" to 192"
- ◆ Quick Release Cross Bar Lengths – 72" to 1
- ◆ Standard Input Voltage – 120VAC / 1Ph / 60Hz
- ◆ Optional Voltage – 480VAC / 3Ph / 60Hz

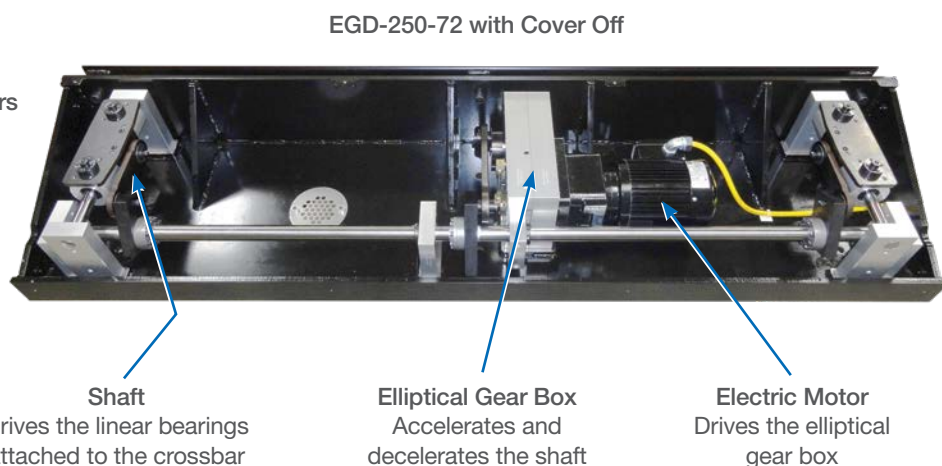
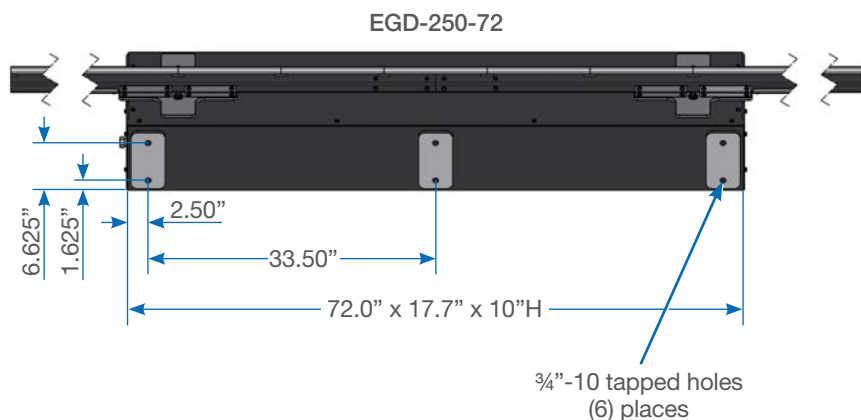
Standard Mounting Configurations

- ◆ Vertical Face-Mount
- ◆ Floor Stand
- ◆ Wheeled Floor Stand

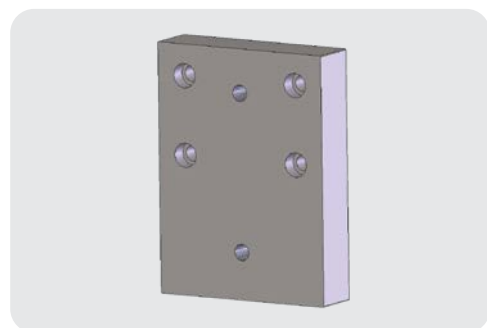
Optional Accessories

- ◆ Remote Start/Stop Wiring Package
- ◆ Cross Bar Sensor Package
- ◆ Pax Standard and Quick Release Cross Bars
- ◆ Aluminum Extrusion Cross Bar Adapters
- ◆ Trays and Related Accessories

See pages 14-17 for cross bars, trays, and other available options.



Mounting Configurations



Custom Mounting Brackets



Wheeled Floor Stand
Contact Pax for alternate stand designs.

Controls



VFD Control
Required for all EGD-250 units.

Multi-Tray EGD Units

EGDM-250

A MODULAR Shaker Designed for Maximum Flexibility

The EGDM-250 shaker utilizes the same internal components as the EGD-250-48/72, packaged in a modular design that provides greater flexibility for a wide range of applications.

Key Features

- ◆ Flexible mounting for easy integration
- ◆ Increased access to the die area for faster maintenance
- ◆ Adaptable for large and small presses and rolling bolsters
- ◆ Modular design for maximum versatility

Specifications

- ◆ Maximum Total Tray Weight – 250 lbs
- ◆ Maximum Material Weight on Trays – 500 lbs
- ◆ Speed – 25 fpm max @ 100 cpm
- ◆ Quick Release Cross Bar Lengths – 72" to 240"
- ◆ Standard Input Voltage – 120VAC / 1Ph / 60Hz
- ◆ Optional Voltage – 480VAC / 3Ph / 60Hz

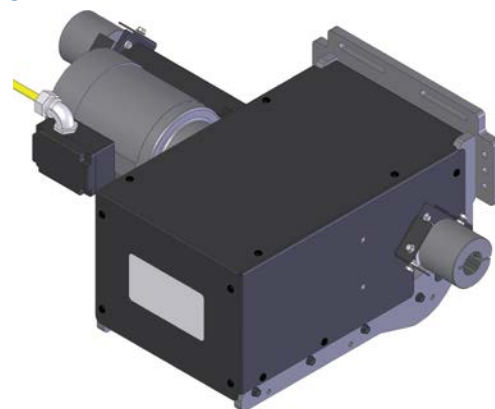
Standard Mounting Configurations

- ◆ T-Slot Mounting Brackets
- ◆ Vertical Face-Mount Brackets
- ◆ Floor Mounts (for offline drive configurations)

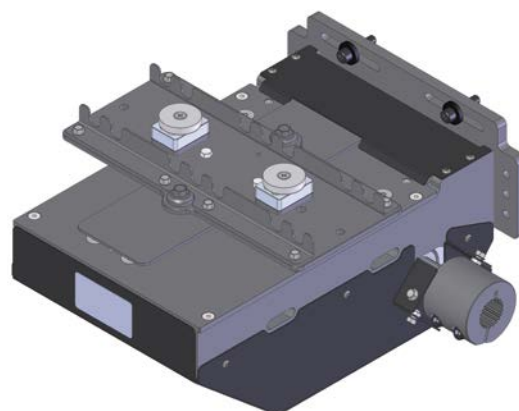
Optional Accessories

- ◆ Remote Start/Stop Wiring Package
- ◆ Cross Bar Sensor Package
- ◆ Pax Quick Release Cross Bars
- ◆ Aluminum Extrusion Cross Bar Adapters
- ◆ Trays and Related Accessories

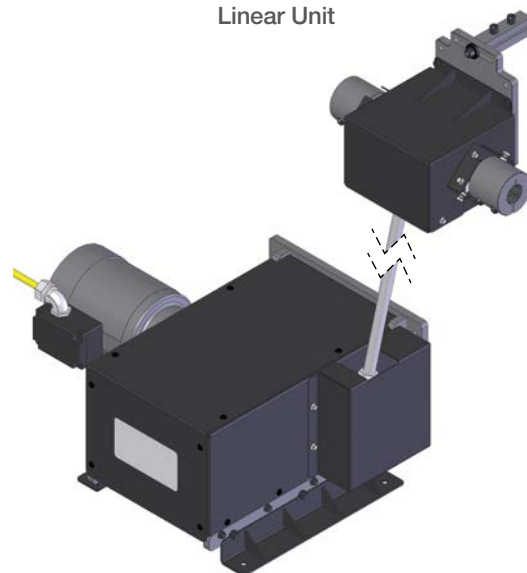
See pages 14-17 for cross bars, trays, and other available options.



Inline Drive Unit



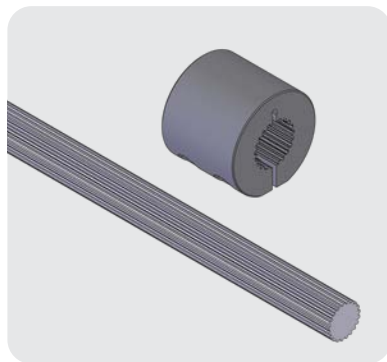
Linear Unit



Offline Drive Unit & Connection Arm



VFD Control



Driveshaft & Coupling

System Configurations

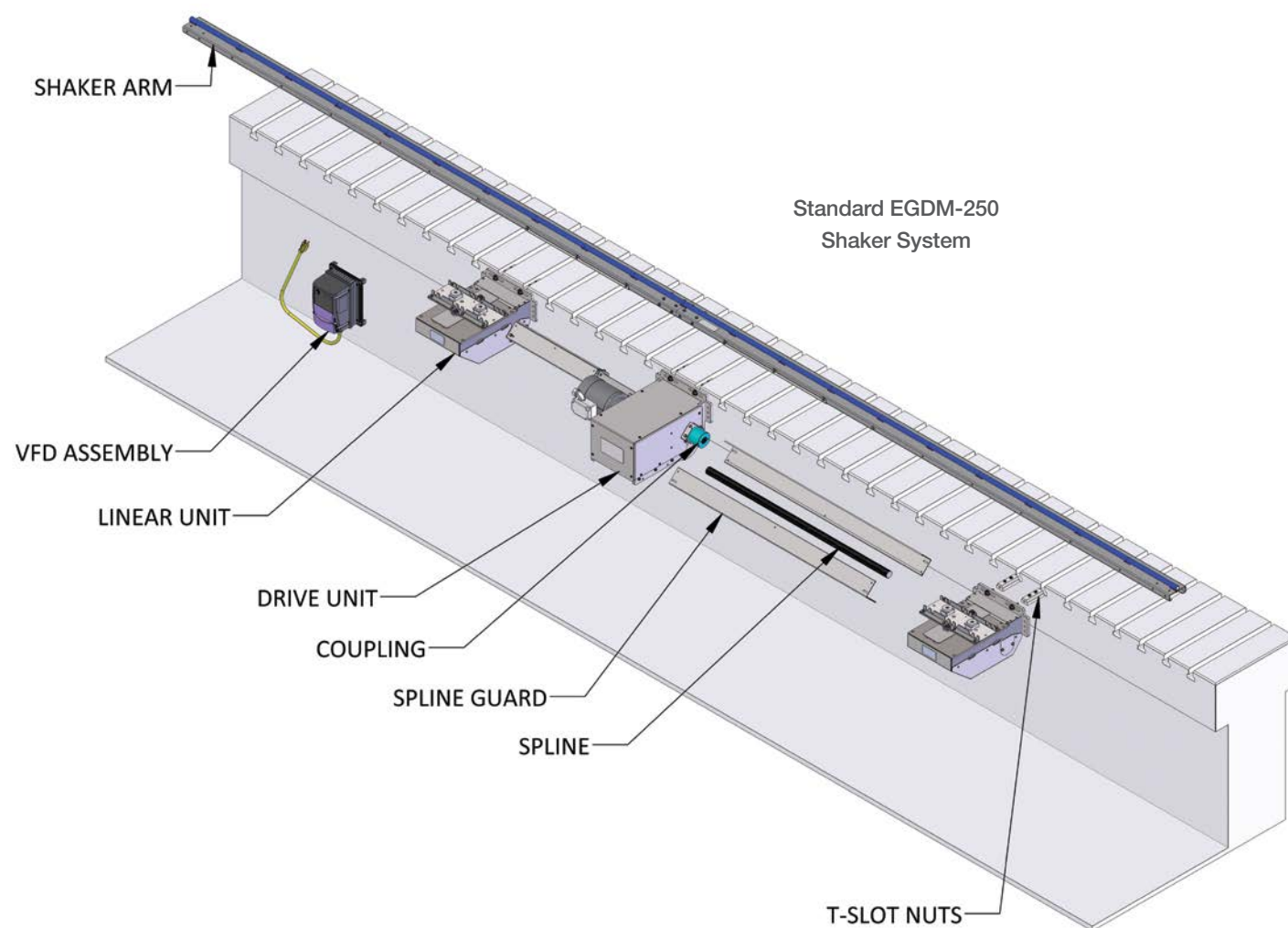
A standard EGDM-250 shaker system consists of (1) drive unit and (2) linear units connected by (2) driveshafts and associated couplings (see illustration below).

The units can be mounted to a common vertical surface or in T-slots. The EGDM-250 accommodates cross bars up to 240 inches long. For optimal performance, the two linear units should be positioned symmetrically about the desired cross bar location and spaced apart by a distance of 50% to 70% of the cross bar's length.

Multiple Drive Configurations

The EGDM-250 offers several configuration options to suit a variety of applications. The drive unit can be positioned inline between the linear units or located outside the linear units. For additional flexibility, the drive unit can also be mounted offline using a connection arm and driveshaft supports.

See pages 12-13 for details.



Multi-Tray EGD Units

EGDM-250

The EGDM-250 is specified using the model number nomenclature below and the Drive Configuration drawings on pages 12-13.

Model Number

EGDM-250-XXX-AXXL-120

①

②

③

④

⑤

① Distance (in inches) between two Linear Units

(See dimension 'A')

③ Distance (in inches) between the Drive Unit and the nearest Linear Unit

(See dimension 'B')

② Drive Configuration

A = Inline drive between Linear Units

B = Inline drive outside of Linear Units

C = Offline drive between Linear Units

D = Offline drive outside of Linear Units

④ Linear Unit that dimension 'B' relates to when facing the press

L = Left Unit

R = Right Unit

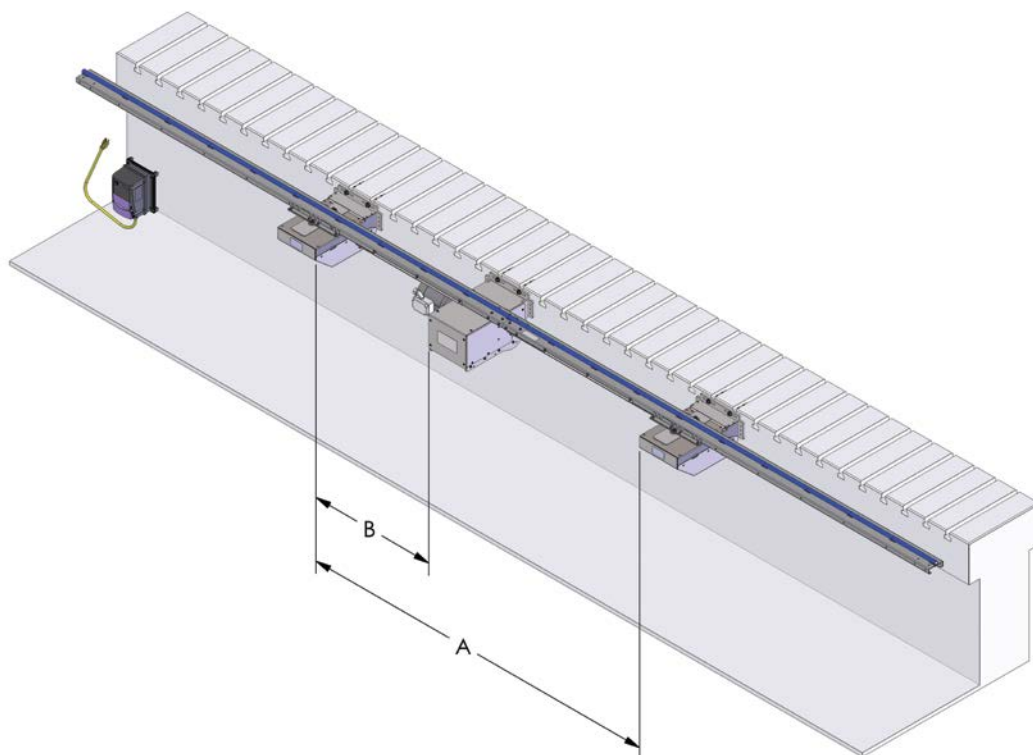
⑤ Supply Voltage

120 = 120VAC / 1Ph / 60Hz

480 = 480VAC / 3Ph / 60Hz

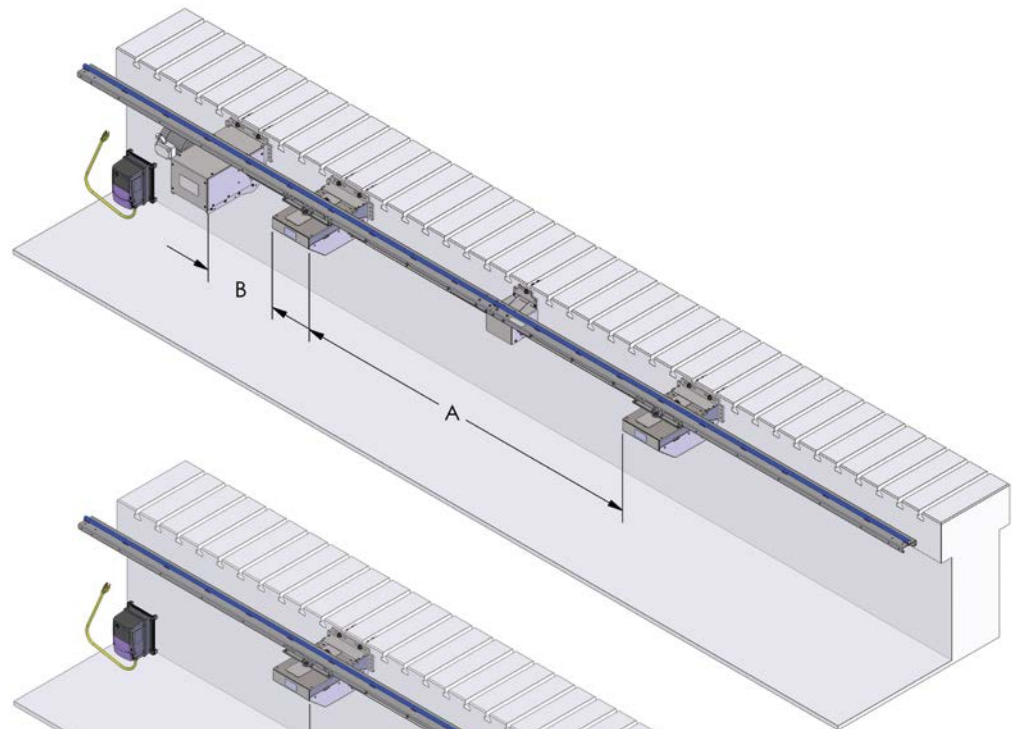
Drive Configuration 'A'

Inline Drive Between Linear Units



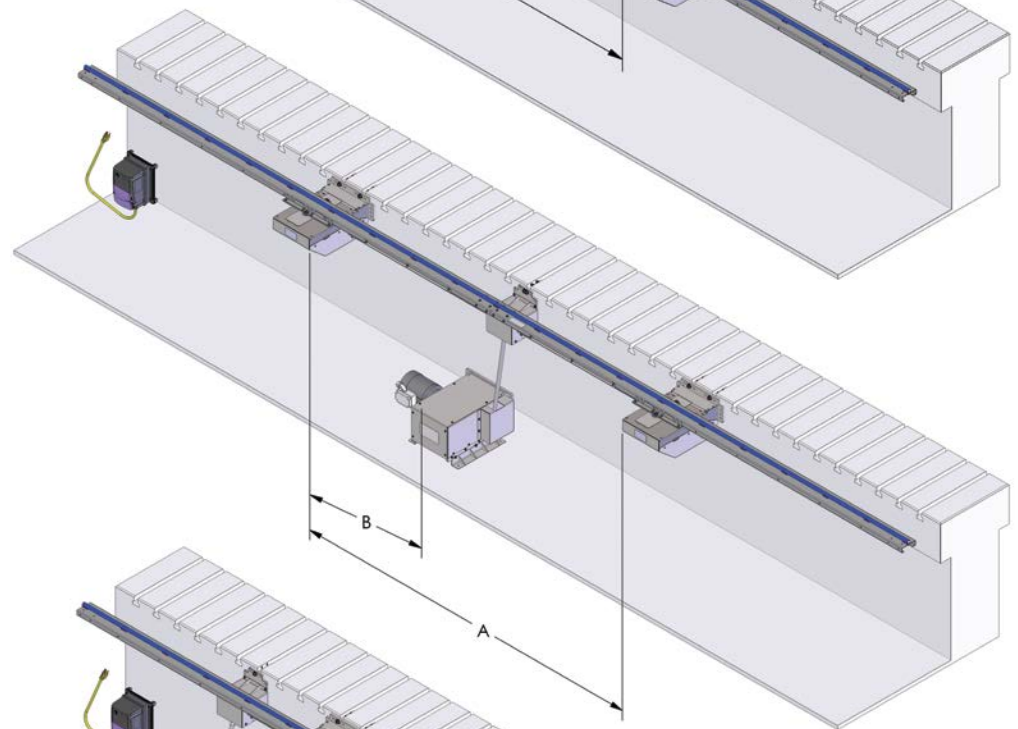
Drive Configuration 'B'

Inline Drive Outside of Linear Units



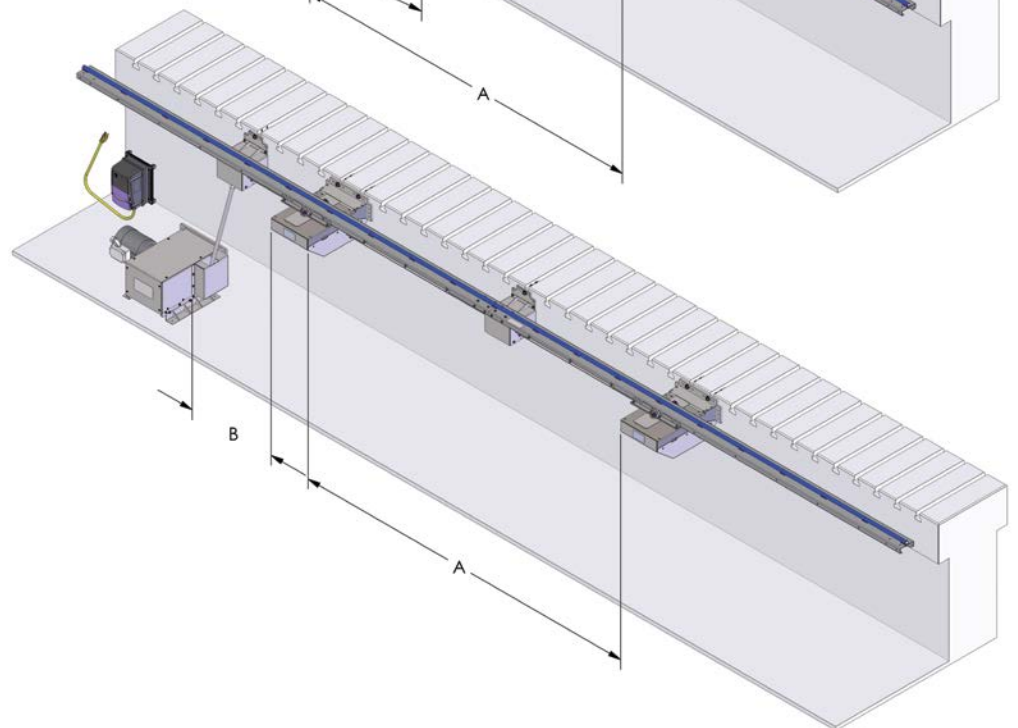
Drive Configuration 'C'

Offline Drive Between Linear Units



Drive Configuration 'D'

Offline Drive Outside of Linear Units



Multi-Tray EGD Units

Common Options

Cross Bars

◆ Standard Cross Bars

- Designed for use with Pax Tray Mounting Brackets.
- Provides easy, tool-less tray relocation and reliable operation.

◆ Quick Release Cross Bars

- Quickly and easily remove and reinstall cross bars without tools.
- Improves access to the press.
- Includes all the features of the standard cross bars.

◆ Aluminum Extrusion Cross Bar Adapters

- Allows customer-supplied extruded aluminum cross bars to be used in place of Pax's standard or quick release cross bars.
- Adapter size and attachment method vary by EGD model.

Trays

◆ Stainless Steel Trays

- Custom-designed trays available to meet customer requirements.
- Standard trays are made from 18-gauge rigidized stainless steel.

◆ Tray Wear Pad Kits

- Available in bolt-on or weld-on configurations to reduce friction between the tray and bolster surface.
- Bolt-on pads are typically used when conveying material toward the shaker unit.

◆ Pax Tray Mounting Brackets

- Allows trays to quickly snap into position on standard cross bars without tools.
- Machined acetal brackets bolt to the tray sides and can rotate to accommodate slight tray angles.

◆ Tray Bracket Risers

- Increases tray height near the cross bar.
- Available in 1", 2", and 3" heights.

◆ Tray Stops

- Prevent lateral movement of tray brackets on the cross bar.
- Recommended for long, unguided trays not running between parallels.

◆ Tray Stands

- Floor mounted stands support and guide trays.
- Available in both standard and custom configurations.



Tray Stand

Other Options

◆ Motion Monitoring Sensors

- Proximity sensors monitor cross bar movement during operation.
- Can be integrated with press die protection systems to stop the press if motion is not detected.

◆ Standard and Custom Mounting Arrangements

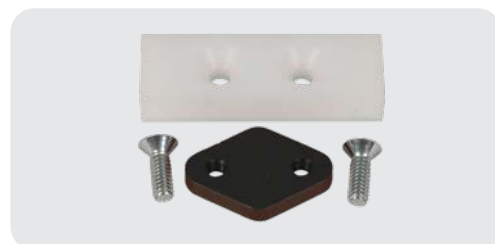
- A variety of mounting brackets are available for each EGD model.
- Refer to individual model pages for available configurations.

◆ Floor Stands and Wheeled Floor Stands

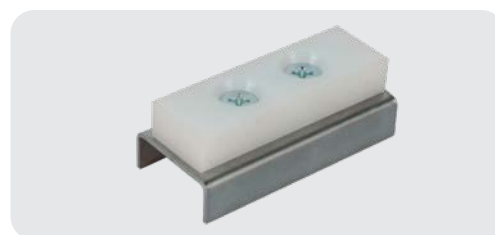
- Simplify moving EGD units to and from the press.
- Ideal for applications where the unit must be frequently removed from the press.



Pax Tray Mounting Brackets



Bolt-On Wear Pad Kit



Weld-On Wear Pad Kit



Tray Bracket Risers



Tray Stops

Pax Cross Bars

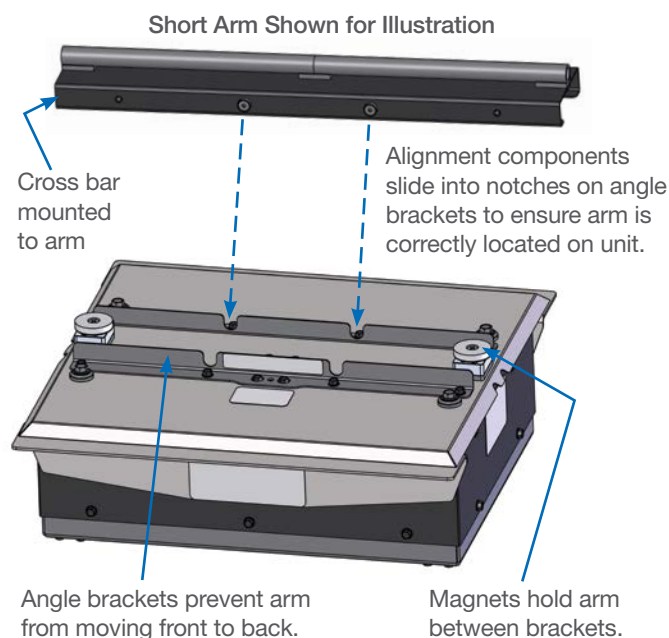
Standard Cross Bars

Pax's standard cross bar works in conjunction with Pax Tray Brackets to provide a solid connection between the EGD unit and the tray(s), while also providing quick and tool-less tray installation. The rounded connection allows the tray to self-align if the height of the unit varies from the tool.



Quick-Release Cross Bars

Designed to improve access to the press, Pax's optional Quick-Release Cross Bar can be quickly and easily removed and reinstalled without tools. The cross bar is mounted to an arm, which is secured by magnets and angle brackets, allowing operators to simply lift the arm off the unit and place it back in position as needed.

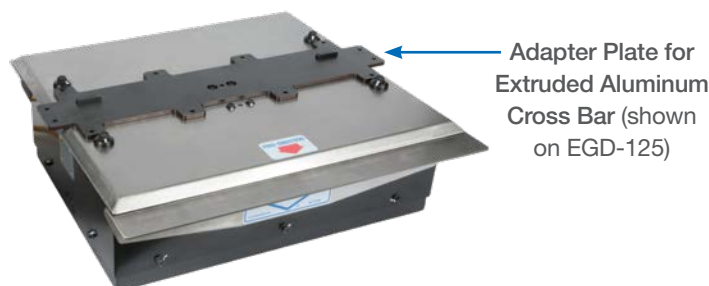


Lengths Available for Standard & Quick Release Cross Bars
S = Standard / QR = Optional Quick Release

Cross Bar Length	EGD-50	EGD-125	EGD-250-48	EGD-250-72	EGDM-250
12"	S				
18"	S / QR	S			
24"	S / QR	S / QR			
30"	S / QR	S / QR			
36"	S / QR	S / QR			
42"	S / QR	S / QR			
48"	S / QR	S / QR	S		
54"	S / QR	S / QR	S		
60"	S / QR	S / QR	S		
66"		S / QR	S		
72"		S / QR	S / QR	S	QR
78"		S / QR	S / QR	S	QR
84"		S / QR	S / QR	S	QR
90"		S / QR	S / QR	S	QR
96"		S / QR	S / QR	S / QR	QR
102"		S / QR	S / QR	S / QR	QR
108"		S / QR	S / QR	S / QR	QR
114"		S / QR	S / QR	S / QR	QR
120"		S / QR	S / QR	S / QR	QR
132"			S / QR	S / QR	QR
144"			S / QR	S / QR	QR
156"				S / QR	QR
168"				S / QR	QR
180"				S / QR	QR
192"				S / QR	QR
204"					QR
216"					QR
228"					QR
240"					QR

Aluminum Extrusion Cross Bar Adapters

A variety of custom adapter plates are available to allow customer-supplied extruded aluminum cross bars to be used in place of Pax's standard cross bars. Adapter size and attachment method vary by EGD model. Contact Pax for more details.



Trays – Custom Designed For Your Needs

EGD Trays

Pax EGD trays are custom-made from 18-gauge, 304 rigidized stainless steel. Trays are fabricated to customer specifications based on the dimensions shown in the drawing below. Trays can be specified using the model number nomenclature below.

Model Number

EGD-TRAY-A-B-C-D-E-F{B/W/N}-O/C-18R

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

NOTE: List all dimension in inches.

(Refer to the dimension drawing below.)

- ① **Tray Width**
- ② **Tray Length**
- ③ **Tray Side Height**
- ④ **Location of Tray Brackets** (from tray end)
- ⑤ **Location of Optional Second Set of Tray Brackets** (from tray end)
If second set is not required, enter "0".
- ⑥ **Wear Pad Location** (from tray end)
If a wear pad is not requested, enter "N".

⑦ **Wear Pad Type (Optional)**

B = Bolted
W = Welded
N = None

⑧ **Tray End**

O = Open
C = Closed

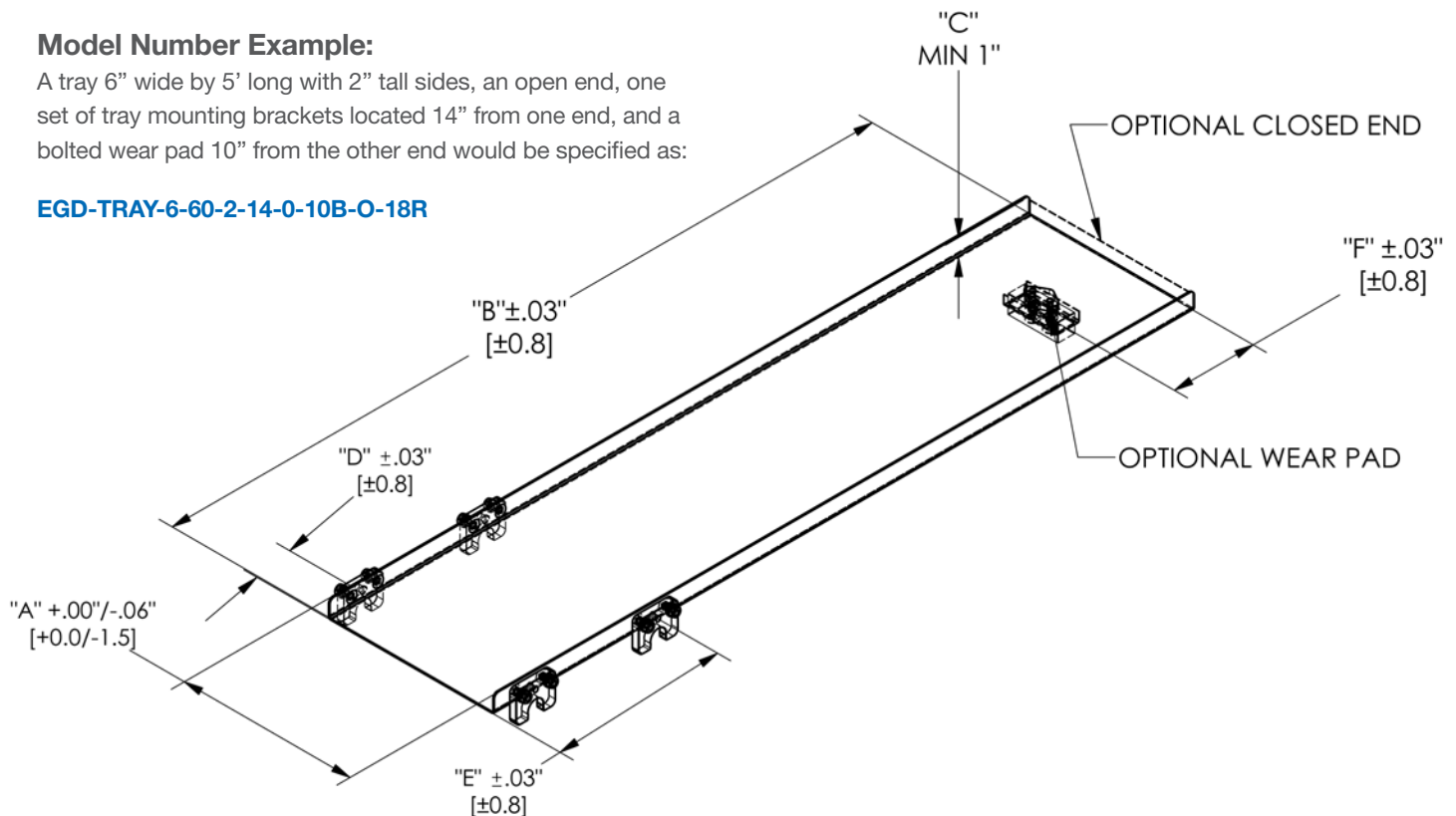
⑨ **Tray Material**

18R = 18-gauge, 304 Rigidized Stainless Steel

Model Number Example:

A tray 6" wide by 5' long with 2" tall sides, an open end, one set of tray mounting brackets located 14" from one end, and a bolted wear pad 10" from the other end would be specified as:

EGD-TRAY-6-60-2-14-0-10B-O-18R



Tray Size & Weight

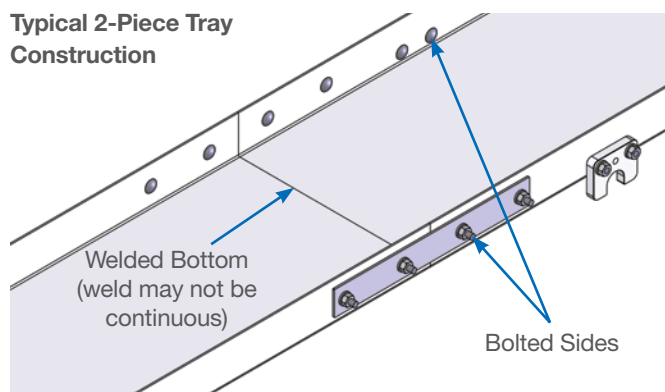
Tray Size

Refer to the dimension drawing on page 16.

Standard Tray Sizing					
	A	B	C	D/E	F
Minimum	1.0" ¹	20"	1.0"	2.0" ⁴⁻⁶	2.0"
Maximum	42.0" ²	240" ³	6.0"	N/A	N/A

Note: Contact Pax for tray dimensions outside these ranges.

Typical 2-Piece Tray Construction



NOTES:

- ◆ **Trays with A ≤ 2.5" wide:**
 - The C dimension must be 1".
 - If wear pads are purchased, the mounting holes will be rotated 90° so the wear pad length aligns with the tray length.
- ◆ **Trays with A ≥ 10" wide:**
 - Two or more wear pads are required.
- ◆ **Trays with B > 120" long:**
 - Trays will be constructed with two separate tray sections.
 - Standard construction includes welded bottoms and bolted sides to help maintain tray flatness.
 - Contact Pax if a bolt-free design is required (i.e. stitch welding on both the bottom and sides).
- ◆ **Distance Minimum when conveying material toward unit:**
 - EGD-050 – Dmin=5"
 - EGD-125 – Dmin=9"
 - EGD-250-48/72 – Dmin=10.5"

Tray Weight

Tray weight is critical for sizing a well-balanced system. Each EGD unit is sized for a maximum recommend total tray weight (ex: 50 pounds on an EGD-050). The chart below is offered as a reference aid for sizing your system:

Tray Weight (in pounds) – 18 Gauge Tray with 1" Sides*								
Tray Width	Tray Length							
	48"	60"	72"	84"	96"	108"	120"	144"
2"	3	4	4	5	5	6	7	8
4"	4	5	6	7	8	9	10	12
6"	6	7	8	9	11	12	13	16
8"	7	9	10	12	13	15	17	20
12"	10	12	14	16	19	21	23	28
16"	12	15	18	21	24	27	30	36
20"	15	18	22	25	29	33	36	43

*For each additional inch of side height, add the tray length multiplied by 0.0272.

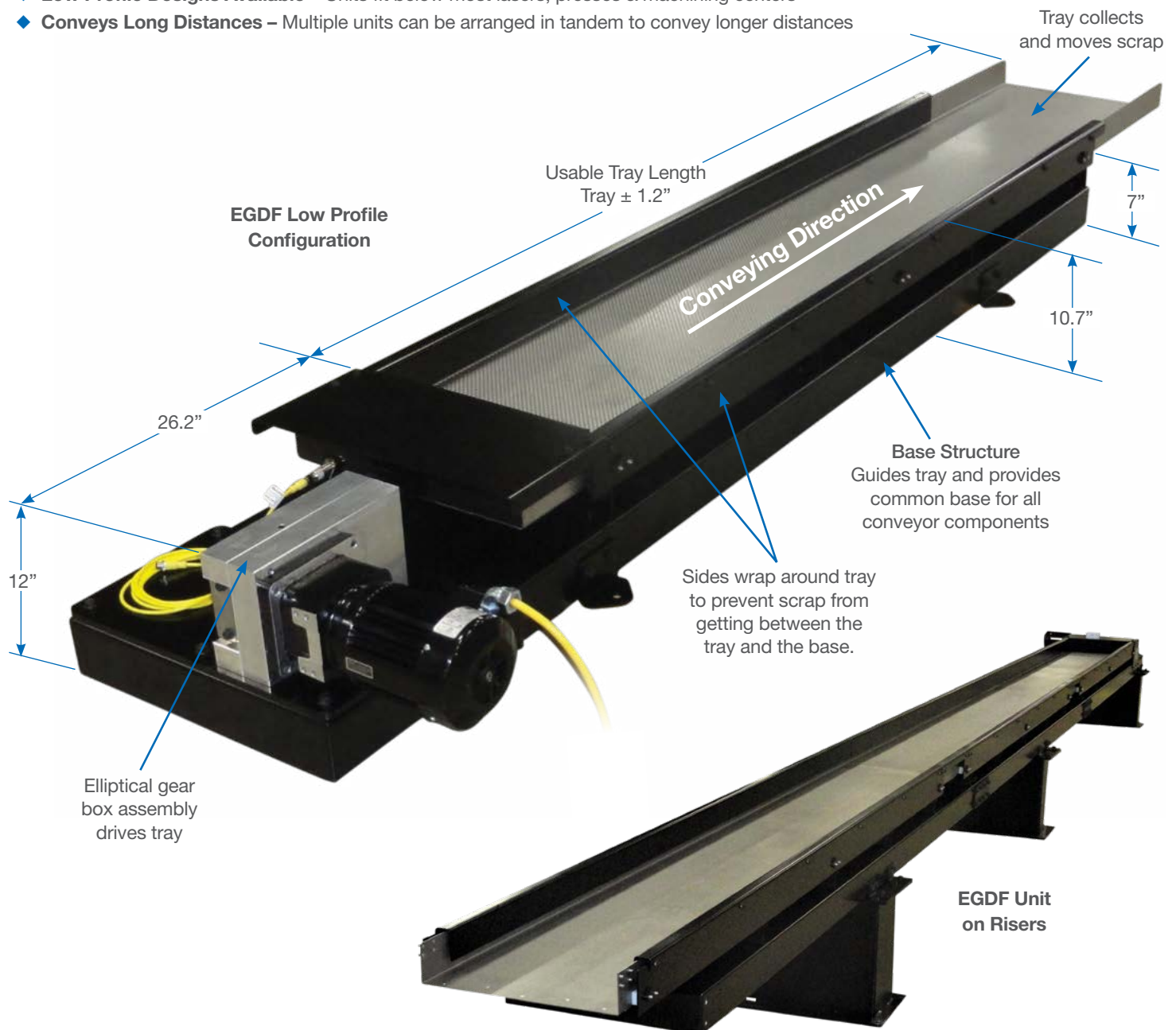
Single Tray EGD Units (Floor Mounted)

EGDF-250 & EGDF-125

The EGDF-250 is a single-tray, oscillating conveyor that is a robust, cost-effective alternative to traditional hinged belts and magnetic conveyors. Designed for floor-mounted installations, the EGDF offers reliable performance and long service life in demanding applications.

Key Features

- ◆ **Robust Design** – Utilizes Pax's patented Elliptical Gear Drive (EGD) technology (*see page 2 for advantages*)
- ◆ **No Hinges to Jam** – Tray edges are covered to prevent scrap from getting between the tray and the base
- ◆ **No Belts to Replace** – Steel tray construction provides an exceptionally long service life
- ◆ **Low Profile Designs Available** – Units fit below most lasers, presses & machining centers
- ◆ **Conveys Long Distances** – Multiple units can be arranged in tandem to convey longer distances



EGDF-250 Specifications

- ◆ Maximum Load on Single EGDF Unit – 500 lbs
- ◆ Maximum Standard Tray Width – 48"
- ◆ Distance from Tray Surface to Top of Siderail – 3.3"
- ◆ Maximum Conveying Distance for Single EGDF Unit – Up to 40' with an 18" wide tray
- ◆ Maximum Conveying Distance for Multiple EGDF Units – Determined by tray width and number of units
- ◆ Standard Input Voltage – 480VAC / 3Ph / 60Hz (other voltages available)
- ◆ Control – A Variable Frequency Drive (VFD) is used to start and stop the unit
- ◆ Motor Type – 3/4 hp, 3 phase AC gear motor

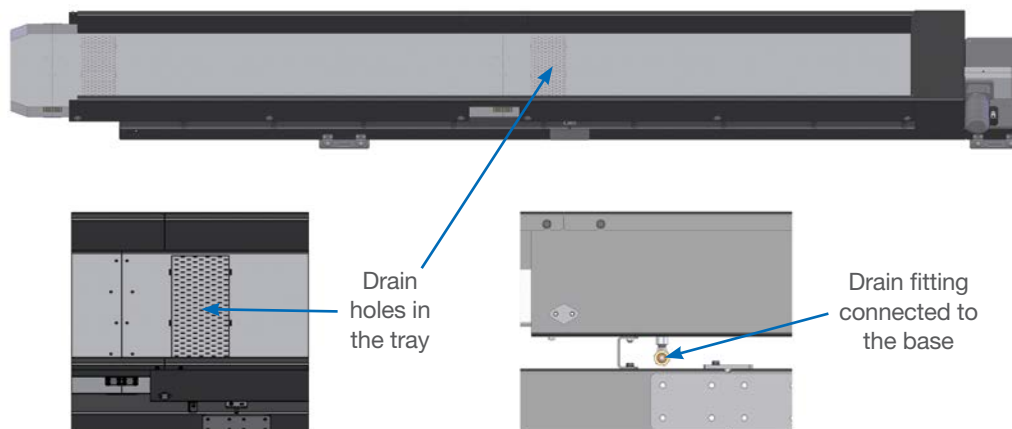
Popular Options

- ◆ **Gearbox Side Mount**
 - Enables the gearbox to be mounted to the side of the tray rather than on the centerline.
- ◆ **Tray Motion Sensor**
 - A proximity sensor monitors tray motion during operation.
 - Can be integrated into the press die protection system as required.
- ◆ **Extended Side Rails**
 - Straight or flanged rail extensions can be attached to the side rails to increase the effective tray height.
- ◆ **Risers**
 - Custom risers are available to increase conveyor height as required.
- ◆ **Fluid Drain**
 - A series of small drain holes can be added to the tray to help capture fluids and oils conveyed with scrap material.
 - Fluids drain into collection pans mounted to the unit's base.

EGDF-125 Specifications

- ◆ See EGD-125 on page 7
- ◆ Maximum Standard Tray Width – 16"
- ◆ Includes – 18" Standard Crossbar and floor mount brackets

EGDF with Fluid Drains



Conveyor System
utilizing Three
EGDF Units



Additional Pax Pressroom Products

DESIGNED FOR STAMPERS BY STAMPERS

Belt Conveyors



Low Profile Conveyors



Part & Scrap Conveyors



Conveyor Stands with Electric and Manual Articulation

Press Doors



Vertically Sliding Doors

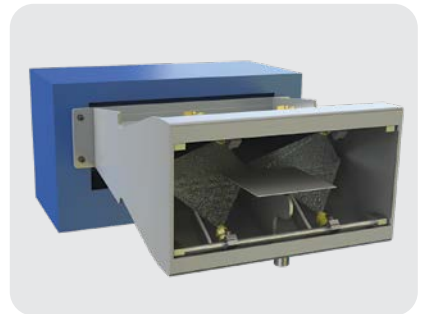


Swing-Out Acoustical Doors

Lube Systems



In-Die Spray Lubrication



Spray Cabinets



Roller Coaters



PAX PRODUCTS, INC

Pax Products Inc. delivers advanced pressroom solutions engineered for efficiency, safety, and reliability in modern metal stamping operations. From precision lubrication systems to press door safety barriers and conveyors for parts and scrap, our equipment helps manufacturers worldwide—and our sister company, Pax Machine Works—run smarter, faster, and more productively. Innovation, performance, and durability are built into every system we make.