

EZ PIPE PADDER

MODEL EZ-9 PIPE PADDER



At EZ, our Padding/Bedding solutions are manufactured with pride and durability in mind. In fact the first one ever built (nearly 20 years ago) still pads just like it did the first day it rolled off the line.

Every EZ Padder we build has the following features:

- Variable speed conveyor belt
- Pads in forward or reverse
- Conveyor system adjusts to pad on either side of the trench
- Easy to change screens to meet material size requirements
- Fewer moving parts for less maintenance
- Separates from tractor so dozer blade can be installed
- Easier to load and move about the job
- Can be fitted with optional Rock Crusher



EZ PIPELINE PADDING

www.ezpadders.com

WEIGHTS

Operating/Shipping Weight w/Dozer	58,741 kg	129,500 lb
Shipping Weight w/o Dozer	21,637 kg	47,700 lb
Padding Machine (only)	9,072 kg	20,000 lb
Power Unit (engine only)	2,948 kg	6,500 lb
Rear Frame	4,990 kg	11,000 lb
"C" Frame	2,359 kg	5,200 lb
*Rock Crusher (optional)	2,268 kg	5,000 lb
**Dozer Shipping Weight Estimate	37,195 kg	82,000 lb

*Rock Crusher is optional equipment

**Dozer is based on typical size dozer to meet Model EZ-9 power requirements

DIMENSIONS *Not Mounted on Dozer*

Padding Machine Height	2.54 m	8 ft 4 in
Padding Machine Width	4.19 m	13 ft 9 in
Padding Machine Length	4.0 m	13 ft
Power Unit Height	1,320.6 mm	52 in
Power Unit Width	1,464.3 mm	58 in
Power Unit Length	1,917.1 mm	76 in
P.U. Frame Mount Bracket	3.66 m	12 ft
P.U. Gantry Width	3.05 m	10 ft
P.U. Gantry Height	1.52 m	5 ft
P.U. Gantry Depth	584.20 mm	23 in
Conveyor Belt Length	9.14 m	30 ft
Conveyor Belt Width	762 mm	30 in

PRODUCTION RATIOS *With Rock Crusher Attachment*

<u>Screen Size</u>	<u>Per Minute</u>	<u>Per Hour</u>
15 mm / 5/8 in	5.06 m ³ / 178.75 ft ³	303.70 m ³ / 10,725 ft ³
12 mm / 1/2 in	4.05 m ³ / 143.12 ft ³	243.16 m ³ / 8,587 ft ³
9 mm / 3/8 in	3.04 m ³ / 107.37 ft ³	182.42 m ³ / 6,442 ft ³
6 mm / 1/4 in	2.02 m ³ / 71.67 ft ³	121.68 m ³ / 4,297 ft ³
3 mm / 1/8 in	1.01 m ³ / 35.75 ft ³	60.74 m ³ / 2,145 ft ³

These ratios were taken under normal padding conditions.



POWER UNIT *Engine*

Engine Model Cat® C27 Acert

VEE Twelve (12) Cylinder, Four (4) Stroke Cycle Diesel

RPM 2100

Power 597 bkW. 800 bhp

Bore 137.2 mm. 5.4 in

Stroke. 152.4 mm 6 in

Displacement 27.03 L. 1,649.47 in³

Compression Ratio. 16.5:1

Rotation (from fly wheel end) counterclockwise

Weight 2,946 kg. 6,495 lb

Fuel Capacity 757 L. 200 Gal



Every model EZ-9 Padder is powered by Caterpillar engines. As the premier technology engine in the marketplace, these CAT engines provide the perfect combination of power, performance and durability. Utilizing CAT technology for the power units ensures your investment in EZ Padding equipment is powered by a partner with global reach for parts and service.

EZ Padders are designed with serviceability in mind. Easy access to engine components minimizes maintenance and repair downtime. New sight gauges, filter locations, improved access to oil and coolant sampling ports, make daily and periodic service faster and easier. Less service time means more working time. Utilizing CAT technology means most Major components can be removed and replaced without disturbing or removing others.

HYDRAULIC SYSTEMS

EZ Padders proudly feature Sundstrand™ Hydraulic Pumps as standard equipment. Our Model EZ-9 offers two (2) variable speed pumps to operate the padding wheel and conveyor belt speed with a third (3rd) constant speed pump to operate the conveyor system's distance to and from the trench.

If selecting the optional Rock Crusher then two (2) additional variable speed Sundstrand™ pumps are employed to power the crusher.

<u>Application</u>	<u># of Pumps</u>	<u>Flow Rate</u>	<u>Series</u>	<u>Power</u>
Padding Wheel	1	905 lpm / 239 gpm	90r	250 cc
Conveyor Belt	1	261 lpm / 69 gpm	90r	100 cc
Conveyor Position	1	95 lpm / 25 gpm	90r	Gear Pump
Rock Crusher	2	1,052 lpm / 278 gpm	90r	250 cc

