

EAGLE IRON WORKS

LOG WASHERS

EIW Log Washers are widely known for their industry-leading design built specifically for heavy-duty scrubbing. Due to its massive oversized paddles, long tub and heavy-duty construction, the EIW Log Washer is your solution for removing tough insoluble plastic clays. Each paddle is bolted to steel support spuds, which are submerged arc welded to thick, high-grade, one-piece tubular shafts.

Standard models come with one-piece paddles, but two-piece paddles are available on most models. Replaceable, bolt-on Eagle Armor paddles are cast with a corrugated surface to rotate stone particles for total surface area scrubbing. They provide long-lasting protection to the welded paddle spuds by incorporating a wraparound design. Water can be added to the manifold in the rear of the machine to aid in the removal of foreign materials. A main design feature is the flanged cleanout ports for maintenance and winterization purposes. Depth of the tub overflow is controlled by side overflow gates. Product from the Log Washer should be followed by a rinsing screen to remove film and residual matter from the product.



Design Features

Eagle's designed and built heavy-duty gear reducer	Fabricated steel gear case
Intermeshing paddles	Thick-walled one-piece tubular pipe made from high grade steel
Paddle mounting spuds and flanged ends	Replaceable Eagle Armor scrubbing paddles
Wraparound paddle design protects welded mounting spud	Massive paddles provide high level of force against soft materials
Washer tub is fabricated with thick gauge steel	Rising current manifold
Spherical-roller rear grease bearings	Flanged overflow gates

Optional Features

Discharge Chute | Pillow Block Rear Bearings

Top Cover | Manual Screw Jacks

Oversize Cleanout Doors

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Size (Dia. x Length)	Maximum Capacity	Maximum Material Size	Water Required	Electric Motor	Shaft (RPM)	Machine Wt. Empty	Machine Wt. Operating
36" x 24' (914 mm x 7.3 m)	50 to 125 STPH (45 to 112.5 MTPH)	3" (76 mm)	50 to 500 USGPM (11.3 to 113.5 m ³ /hour)	75 to 100 HP (56 to 75 kW)	32	32,500 lb (14,741.7 kg)	61,500 lb (27,895.9 kg)
36" x 30' (914 mm x 9.1 m)	50 to 125 STPH (45 to 112.5 MTPH)	3" (76 mm)	50 to 500 USGPM (11.3 to 113.5 m ³ /hour)	100 to 150 HP (75 to 112 kW)	32	38,800 lb (17,599.3 kg)	87,500 lb (39,689.3 kg)
36" x 35' (914 mm x 10.6 m)	50 to 125 STPH (45 to 112.5 MTPH)	3" (76 mm)	50 to 500 USGPM (11.3 to 113.5 m ³ /hour)	150 HP (112 kW)	32	47,100 lb (21,364.2 kg)	103,800 lb (47,082.8 kg)
38" x 30' (965 mm x 9.1 m)	60 to 140 STPH (54 to 126 MTPH)	2.5" (63 mm)	50 to 500 USGPM (11.3 to 113.5 m ³ /hour)	150 HP (112 kW)	32	40,500 lb (18,370.4 kg)	89,100 lb (40,415.0 kg)
38" x 35' (965 mm x 10.6 m)	60 to 140 STPH (54 to 126 MTPH)	2.5" (63 mm)	50 to 500 USGPM (11.3 to 113.5 m ³ /hour)	150 HP (112 kW)	32	48,500 lb (21,999.2 kg)	105,100 lb (47,672.5 kg)
44" x 30' (1,117 mm x 9.1 m)	75 to 175 STPH (67.5 to 157.5 MTPH)	4" (101 mm)	75 to 750 USGPM (17.0 to 170.3 m ³ /hour)	150 to 200 HP (112 to 149 kW)	26	57,800 lb (26,217.6 kg)	139,000 lb (63,049.3 kg)
44" x 35' (1,117 mm x 10.6 m)	75 to 175 STPH (67.5 to 157.5 MTPH)	4" (101 mm)	75 to 750 (17.0 to 170.3 m ³ /hour)	200 HP (149 kW)	26	70,800 lb (32,114.3 kg)	165,500 lb (75,069.5 kg)
46" x 30' (1,168 mm x 9.1 m)	75 to 190 STPH (67.5 to 171 MTPH)	3.5" (88 mm)	75 to 750 (17.0 to 170.3 m ³ /hour)	200 HP (149 kW)	26	59,400 lb (26,943.3 kg)	140,500 lb (63,729.7 kg)
46" x 35' (1,168 mm x 10.6 m)	75 to 190 STPH (67.5 to 171 MTPH)	3.5" (88 mm)	75 to 750 (17.0 to 170.3 m ³ /hour)	200 HP (149 kW)	26	72,300 lb (32,794.7 kg)	167,000 lb (75,749.9 kg)



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