



LOG WASHERS

Producers know the consequences and expenses associated with silt and/or clay laden coarse material products. The costs of replacing poured concrete or asphalt type products due to deleterious materials have driven producers to trust only one brand of log washers for their tough washing applications.

The Eagle Log Washer is widely known in the aggregate industry as the leader of Log Washers because it was designed for one thing – heavy-duty scrubbing. Due to its oversized massive paddles, long tub, and heavy-duty construction – the Eagle 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 clean-out ports for maintenance and winterization purposes. Soft soluble clays require more water than tough plastic insoluble clays. 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.

OPTIONAL EQUIPMENT

Discharge Chute | Top Cover | Pillow-Block Rear Bearings | Manual Screw Jacks |
Oversize Clean Out Doors

DESIGN FEATURES

- Eagle's designed & built Heavy Duty Gear Reducer
- Fabricated steel gear case
- Intermeshing paddles
- Feature thick-walled one piece tubular pipe made from high grade steel
- Paddle mounting spuds and flanged ends
- Replaceable Eagle Armor scrubbing paddles
- "Wrap around" 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

Log Washers							
Size (Dia. x Length)	Maximum Capacity	Max 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 (14741.7 kg)	61,500 lb (27895.9 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 (17599.3 kg)	87,500 lb (39689.3 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 (21364.2 kg)	103,800 lb (47082.8 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 (18370.4 kg)	89,100 lb (40415.0 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 (21999.2 kg)	105,100 lb (47672.5 kg)
44" x 30' (1117 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 (26217.6 kg)	139,000 lb (63049.3 kg)
44" x 35' (1117 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 (32114.3 kg)	165,500 lb (75069.5 kg)
46" x 30' (1168 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 (26943.3 kg)	140,500 lb (63729.7 kg)
46" x 35' (1168 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 (32794.7 kg)	167,000 lb (75749.9 kg)

