

# Eagle Log Washers



The Eagle Log Washer was designed specifically for tough heavy-duty scrubbing applications. With oversized massive paddles, long tub and heavy-duty construction, the Eagle Log Washer removes tough insoluble plastic clays.

Eagle Log Washers are equipped with replaceable wear shoes mounted on steel supports that are submerge arc-welded to thick, high grade, one piece tubular shafts. The wear shoe provides long-lasting protection to the welded paddle spuds by incorporating a wrap-around design. These wear shoes are massive and built with a corrugated surface that rotates stone particles for total surface area scrubbing. Water can be added to the manifold in the rear of the machine to aid in the removal of foreign materials. Soft soluble clays require more water than do tough plastic insoluble clays. The tub overflow depth is controlled by side overflow gates. Film and residual matter from the Log Washer's product can be removed by a rinsing screen.

## FEATURES

### Eagle Gear Reducer

- Fabricated steel gear case
- Heavy-duty design with heat-treated helical gears
- 100% of the shaft's thrust load carried by the output shafts
- Compound drive divides load over multiple gears for long service life
- Oil bath lubrication for maintenance free operation
- Drive guards standard

### Conveyor Shaft

- Intermeshing shafts provide maximum rock on rock scrubbing
- Features thick-walled one piece tubular pipe made from high grade steel
- Paddle mounting spuds and flanged ends are submerged arc welded

### Scrubbing Paddles

- Feature corrugated face for additional scrubbing capabilities
- "Wrap around" paddle design protects welded mounting spud
- Massive paddles provide high level of force against soft materials
- Two and one piece paddles available on most models

*continued* ►

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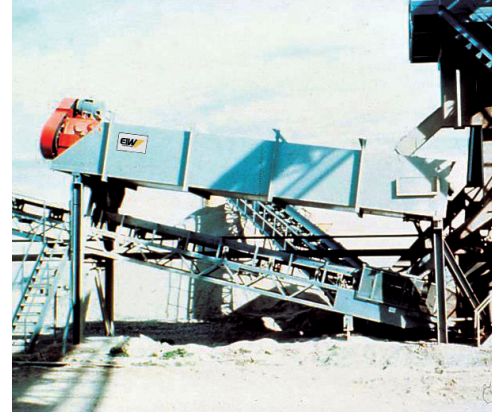
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## Washer Tub

- Fabricated with thick gauge steel by certified welders
- Rising current manifold
- Spherical-roller rear grease bearings
- Flanged overflow gates control the depth of the water in the tub
- Gates feature flanged opening for wastewater chuting
- Flanged clean-out ports for maintenance and winterization purposes

## Optional Equipment

- Discharge Chute
- Safety Cover
- Pillow Block Rear Bearings
- Pillow-Block Rear Bearing(s)



## LOG WASHERS CAPACITIES

Size (Dia. x Length)	Capacity TPH	Maximum Material Size	Water Required	Electric Motor HP	Shaft RPM	Machine Weight (lb.)	Machine Operating Weight (lb.)
36" x 24'	50 to 125	3"	50-500	75 to 100	32	32,500	61,500
36" x 30'	50 to 125	3"	50-500	100 to 150	32	38,800	87,500
36" x 35'	50 to 125	3"	50-500	150	32	47,100	103,800
38" x 30'	60 to 140	2 1/2"	50-500	150	32	40,500	89,100
38" x 35'	60 to 140	2 1/2"	50-500	150	32	48,500	105,100
44" x 30'	75 to 175	4"	75-750	150 to 200	26	57,800	139,000
44" x 35'	75 to 175	4"	75-750	200	26	70,800	165,500
46" x 30'	75 to 190	3 1/2"	75-750	200	26	59,400	140,500
46" x 35'	75 to 190	3 1/2"	75-750	200	26	72,300	167,000

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