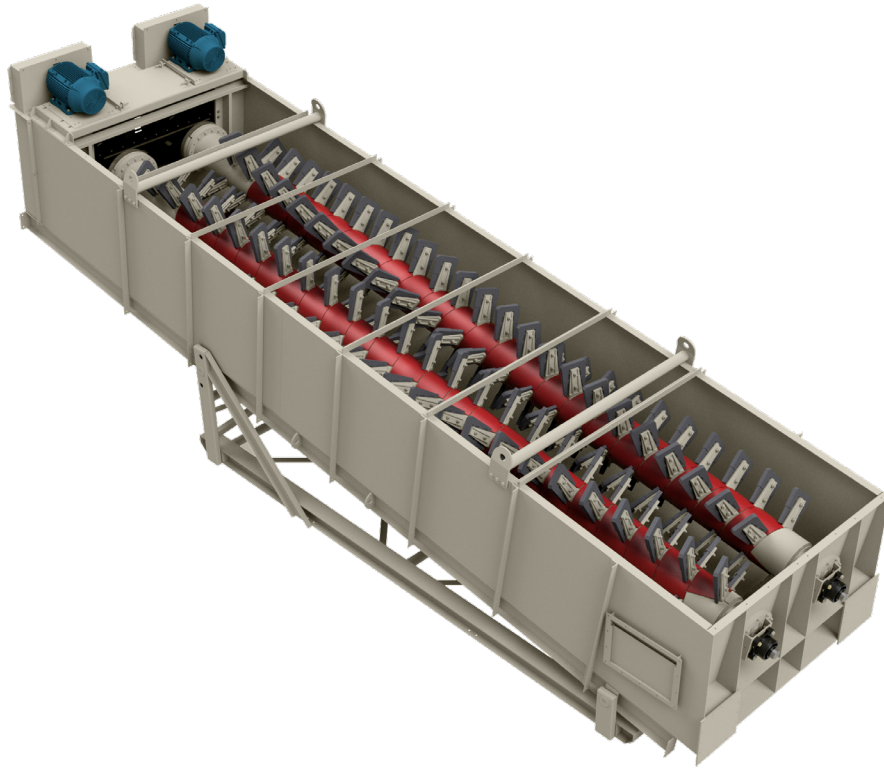


# 8048-30

## Log Washer



### Main Tank

- 1/4" welded plate steel construction with angle and channel iron reinforcement
- 4" rising current inlet
- Large (nominal 11" square) tank drain/clean-out ports
- Overflow discharge ports with adjustable level weir boards on each side of the unit

### Spiral Assembly

- Spiral pipe - heavy wall 14" dia.
- Cast steel paddle brackets
- 12-3/16" L x 10-1/2" W x 1-3/4" T cast two piece Ni-Hard paddle tips with corrugated face
- Reverse involute paddle configuration (see reverse side for additional information)
- Greaseable, externally mounted Dodge® Imperial E tail end flange bearing
- Head end support via the gear box
- Lower end seal - chrome plated stainless steel wear sleeve, water tight bellows type rubber seal and secondary grease seal

### Drive Assembly

- High efficiency v-belt drive assembly
- Two (2) 50hp TEFC motors
- Two (2) Dodge® TA 8407 reducers
- Custom engineered timing box

### Bottom Clean-Out Ports (Optional)

- 24" x 24" clean-out ports located along the bottom of the tub

### Support Assembly (Optional)

- Skid assembly with support locations for operation at 6°, 8°, or 10°

## Physical/Operating Characteristics

Dimension	Standard	Metric
Feed Material Size	#4 mesh - 5" x 3/8"	5 - 125mm
Angle of Operation	6°, 8°, or 10°	6°, 8°, or 10°
Capacity	125 - 300 TPH	110 - 275 MTPH
Shaft Speed	26 RPM	26 RPM
Water Requirements	100 - 800 GPM	22 - 182 m <sup>3</sup> /h
Operational Length (8°)	34' 6"	10.5m
Operational Width (8°)	9' 4"	2.9m
Operational Height (8° with optional support assembly)	13' 4"	4.1m
Dead Load*	47,500lb	24,545kg
Live Load*	70,000lb	31,7541 kg
Total Load*	117,500lb	53,297kg

\*Approximate with support not included

Model	Capacity (TPH)	Spiral Speed	Motor HP	Max. Feed Size	Water Req'd (GPM)
8036-30	85-200	33	100	4"	50-500
8048-30	125-300	26	150	5"	100-800
8048-35	125-400	26	200	5"	100-800