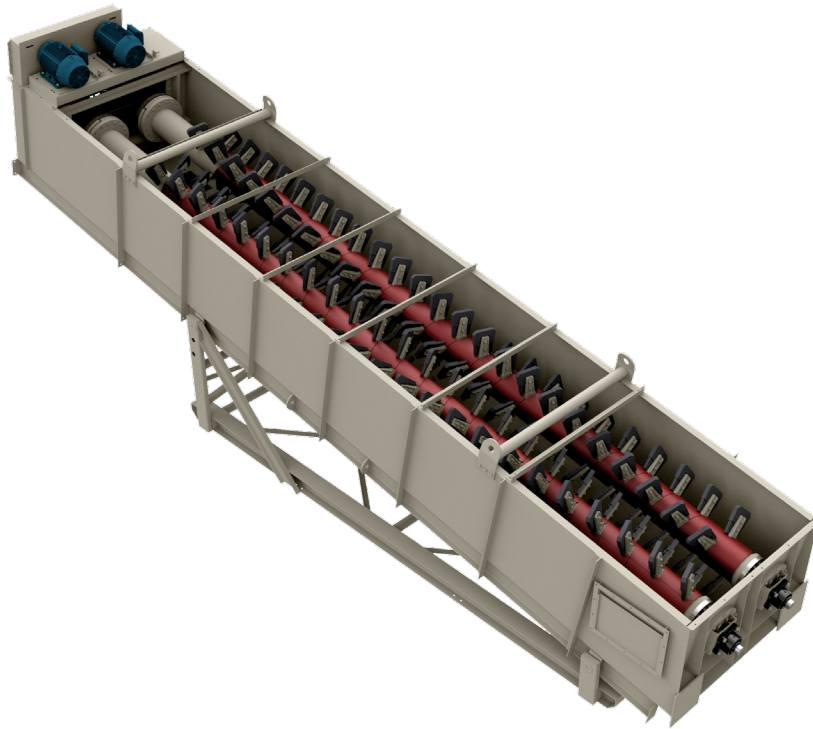


8036-30

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 - 4" x 3/8" | 5 - 100mm |
| Angle of Operation | 6°, 8°, or 10° | 6°, 8°, or 10° |
| Capacity | 85 - 200 TPH | 75 - 180 MTPH |
| Shaft Speed | 33 RPM | 33 RPM |
| Water Requirements | 50 - 500 GPM | 10 - 115 m ³ /h |
| Operational Length (8°) | 35' 2" | 10.7m |
| Operational Width (8°) | 7' 4" | 2.2m |
| Operational Height (8° with optional support assembly) | 12' 3" | 3.7m |
| Dead Load* | 34,000lb | 15,422kg |
| Live Load* | 45,000lb | 20,412kg |
| Total Load* | 79,000lb | 35,834kg |

*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 |