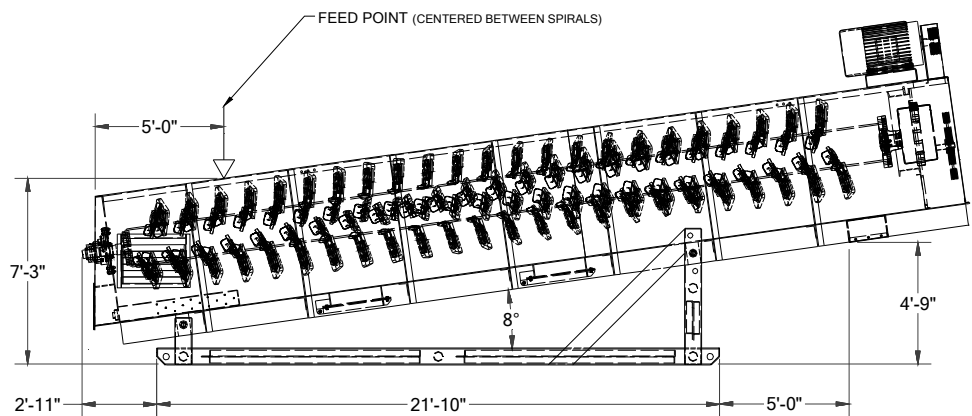
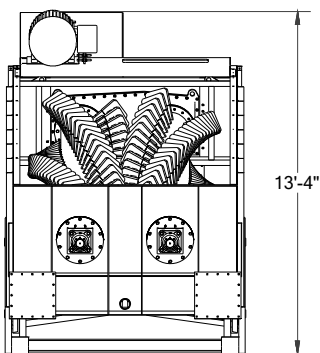
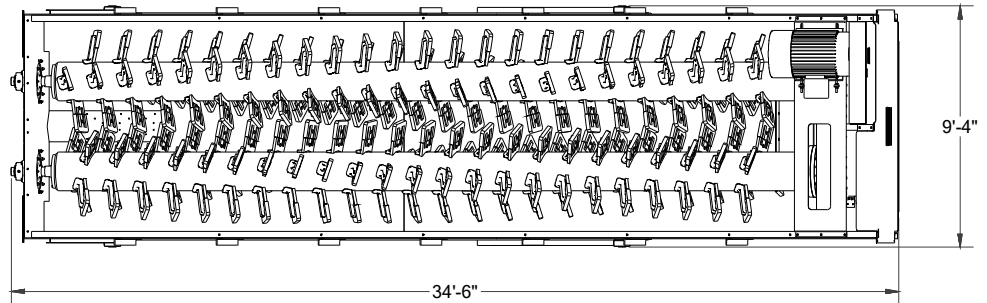
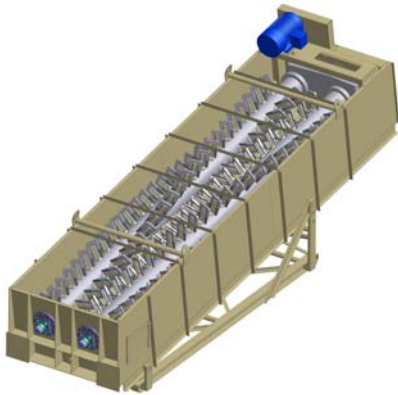


SERIES 8000 LOGWASHER

Model 8048-30 Spec Sheet



Note: Unit Shown @ 8° Angle of Operation

● MAIN TANK

- 3/8" welded plate steel construction with angle and channel iron reinforcement
- 4" rising current inlet
- Large (nominal 18" 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 18" dia.
- Cast steel paddle brackets
- 15-5/16" L x 11" 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
- 150 HP TEFC motor
- Custom engineered single input dual output double reduction gearbox
 - √ Unground helical gears with an AGMA Surface Durability Service Factor of 2.0 @ 150 HP and 26 rpm
 - √ Gearbox bearings are Timken tapered roller bearings

● BOTTOM CLEAN-OUT PORTS (optional)

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

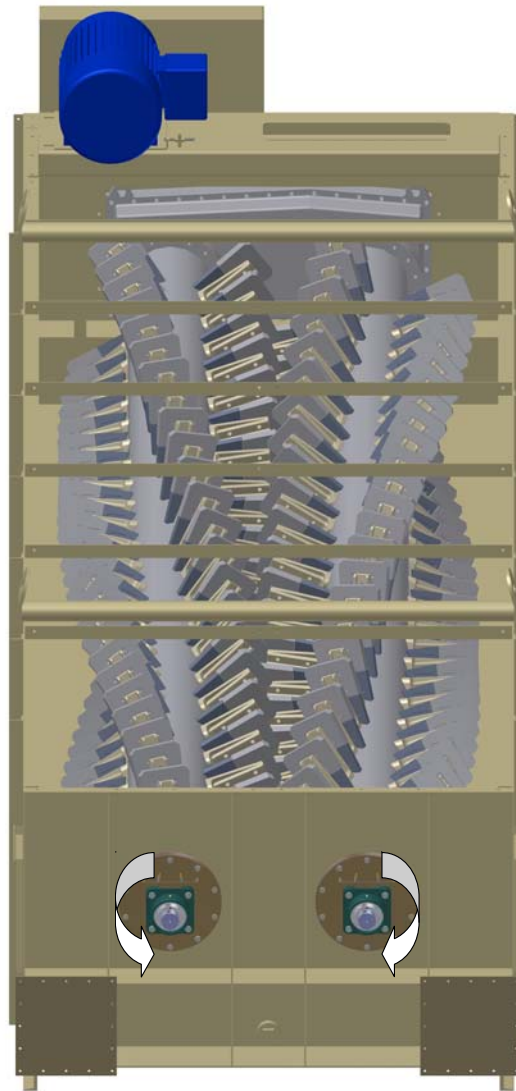
● SUPPORT ASSEMBLY (optional)

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

● PHYSICAL/OPERATING CHARACTERISTICS

- Feed Material Size - 5" max. x 3/8" or #4 mesh min.
- Angle of Operation - adjustable (6°, 8°, or 10°)
- Capacity - 125 - 300 TPH
- Shaft Speed - 26 rpm
- Water Requirements - 100 - 800 gpm
- Operational Dim. @ 8° Angle of Operation - 34'6" long x 9'4" wide x 13'4" high (with optional support assembly)
- Loads - Approx. Dead Load = 47,500 lbs. support not included
 Approx. Live Load = 70,000 lbs. support not included
 Approx. Total Load = 117,500 lbs. support not included

MODEL	CAPACITY (TPH)	SPIRAL SPEED (RPM)	MOTOR HP	MAXIMUM FEED SIZE	WATER REQ'D (GPM)
8024-18	25-80	45	40	3"	25-250
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



Reverse involution
paddle configuration

NOTE: Specifications are subject to change without notice.

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