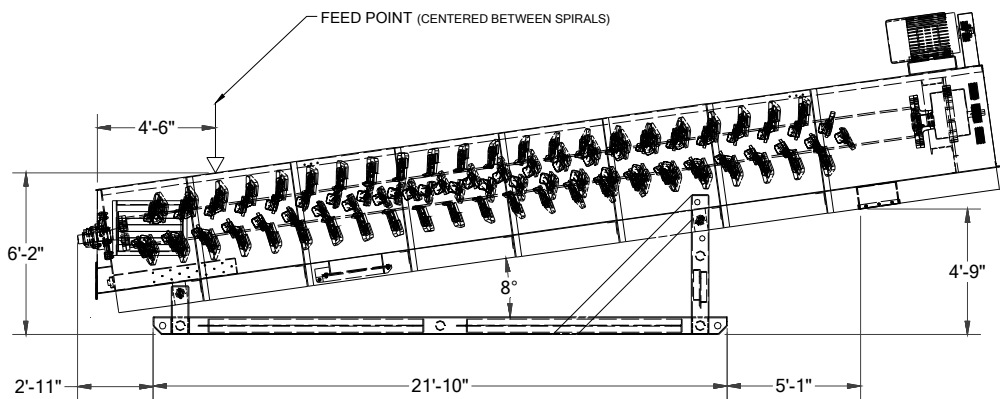
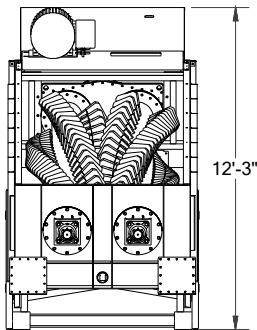
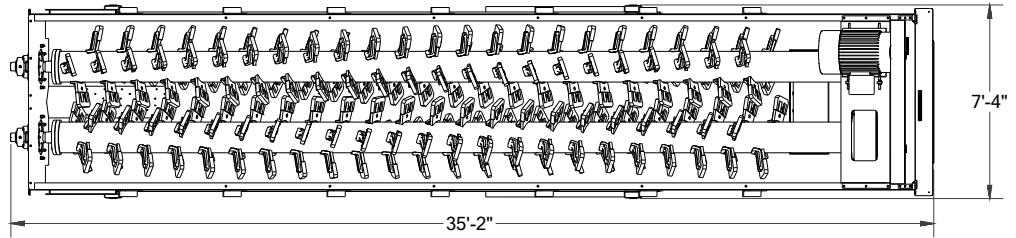
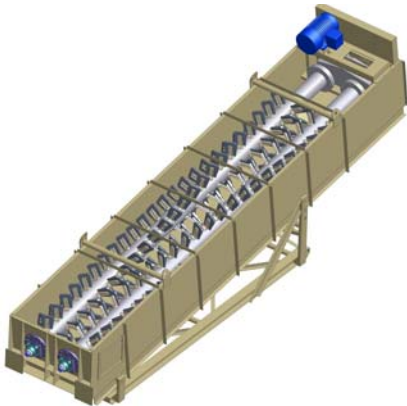




# SERIES 8000 LOGWASHER

## Model 8036-30 Spec Sheet



Note: Unit Shown @ 8° Angle of Operation

### ● 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
- 100 HP TEFC motor
- Custom engineered single input dual output double reduction gearbox
  - √ Unground helical gears with an AGMA Surface Durability Service Factor of 2.62 @ 100 HP and 33 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

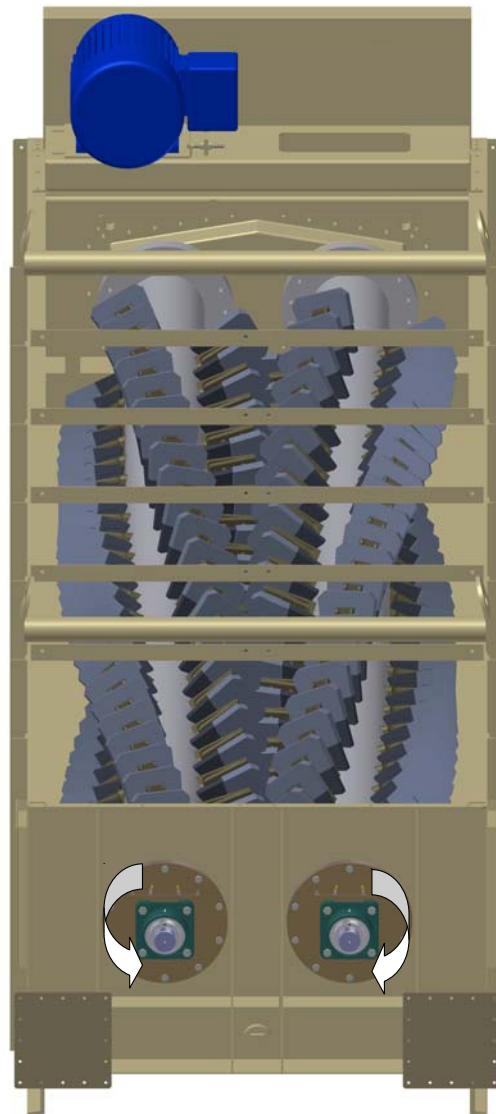
### ● SUPPORT ASSEMBLY (optional)

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

### ● PHYSICAL/OPERATING CHARACTERISTICS

- Feed Material Size - 4" max. x 3/8" or #4 mesh min.
- Angle of Operation - adjustable (6°, 8°, or 10°)
- Capacity - 85 - 200 TPH
- Shaft Speed - 33 rpm
- Water Requirements - 50 - 500 gpm
- Operational Dim. @ 8° Angle of Operation - 35'2" long x 7'4" wide x 12'3" high (with optional support assembly)
- Loads - Approx. Dead Load = 34,000 lbs. support not included  
 Approx. Live Load = 45,000 lbs. support not included  
 Approx. Total Load = 79,000 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
<b>8036-30</b>	<b>85-200</b>	<b>33</b>	<b>100</b>	<b>4"</b>	<b>50-500</b>
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.

Because KPI-JCI may use in its catalog & literature, field photographs of its products which may have been modified by the owners, products furnished by KPI-JCI may not necessarily be as illustrated therein. Also continuous design progress makes it necessary that specifications be subject to change without notice. All sales of the products of KPI-JCI are subject to the provisions of its standard warranty. KPI-JCI does not warrant or represent that its products meet any federal, state, or local statutes, codes, ordinances, rules, standards or other regulations, including OSHA and MSHA, covering safety, pollution, electrical wiring, etc. Compliance with these statutes and regulations is the responsibility of the user and will be dependent upon the area and the use to which the product is put by the user. In some photographs, guards may have been removed for illustrative purposes only. This equipment should not be operated without all guards attached in their normal position. Placement of guards and other safety equipment is often dependent upon the area and how the product is used. A safety study should be made by the user of the application, and, if required additional guards, warning signs and other safety devices should be installed by the user, wherever appropriate before operating the products.



700 W 21st. St., Yankton, SD 57078  
1-800-542-9311 Fax: 605-665-8858

Email: [mail@kpijci.com](mailto:mail@kpijci.com)  
[www.kpijci.com](http://www.kpijci.com)  
Mdl 8036-30 Rev. 4 08/09