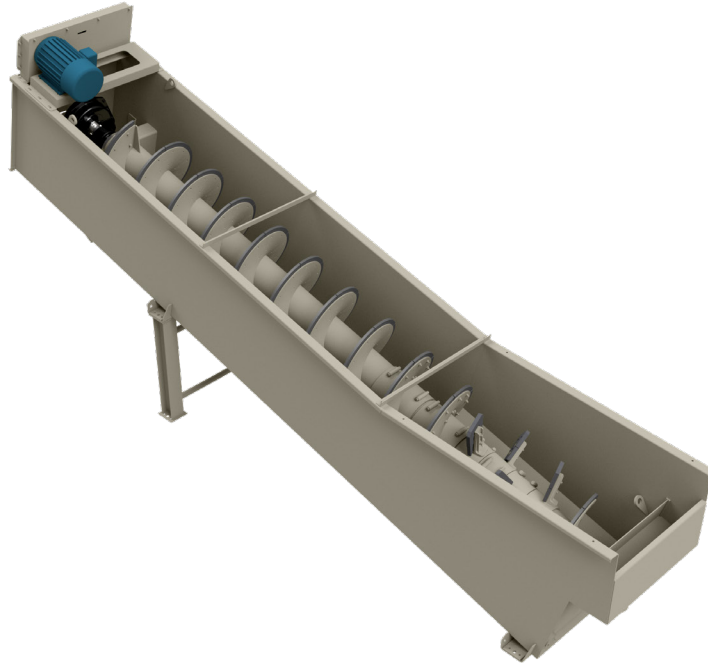


6036-19S

Coarse Material Washer



Main Tank

- 1/4" (sides & bottom) and 3/8" (rear end plate) welded plate steel construction
- Integral rising current manifold with 4" inlet
- Long narrow tub
- Full width overflow weir
- Overflow flume with 6" dia. outlet

Spiral Assembly

- Spiral pipe - heavy wall 12" dia.
- Double pitch, combination flight/paddle configuration
- Standard configuration - Four (4) bolt-on paddle assemblies (two (2) replaceable two piece Ni-Hard paddle tips per assembly) and two (2) bolt-on flight assemblies; balance of the spiral assembly is welded solid flights with bolt-on AR steel inner and Ni-Hard outer wear shoes (see reverse side for additional information and optional configurations)
- Greaseable, externally mounted Dodge® Imperial E tail end flange bearing
- Greaseable Dodge® Type E pillow block head end bearing
- 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
- 25hp TEFC motor
- Dodge TA-II double reduction shaft mount reducer

Discharge Chute (Optional)

- Tapered discharge chute set at 45° angle to grade

Support Assembly (Optional)

- Head-end support weldment with 6" wide flange columns

Physical/Operating Characteristics

Dimension	Standard	Metric
Feed Material Size	-2 1/2" x +3/8"	-63.5mm x +9.53mm
Angle of Operation	15°	15°
Capacity Up To	175 TPH	159 MTPH
Shaft Speed	30 RPM	0.5 Hz
Water Requirements Up To	600 GPM	136.27 m ³ /h
Operational Length	23' 10"	7.26m
Operational Width	4' 5"	1.35m
Operational Height	10' 11"	3.33m
Dead Load	10,400lb	4,717kg
Live Load	19,000lb	8,618kg
Total Load	29,400lb	13,336kg

Model	Capacity (TPH)	Spiral Speed (RPM)	Minimum Motor HP	Water Required*
Single Spiral Configurations				
6024-15S	60-75	40	15	300-400
6036-19S	150-175	30	25	400-600
Twin Spiral Configurations				
6036-19T	300-350	30	25	700-900

*GPM at 25 PSI

Notes:

Two (2) motors required on twin units.

24" diameter unit offered only in single spiral configuration.

