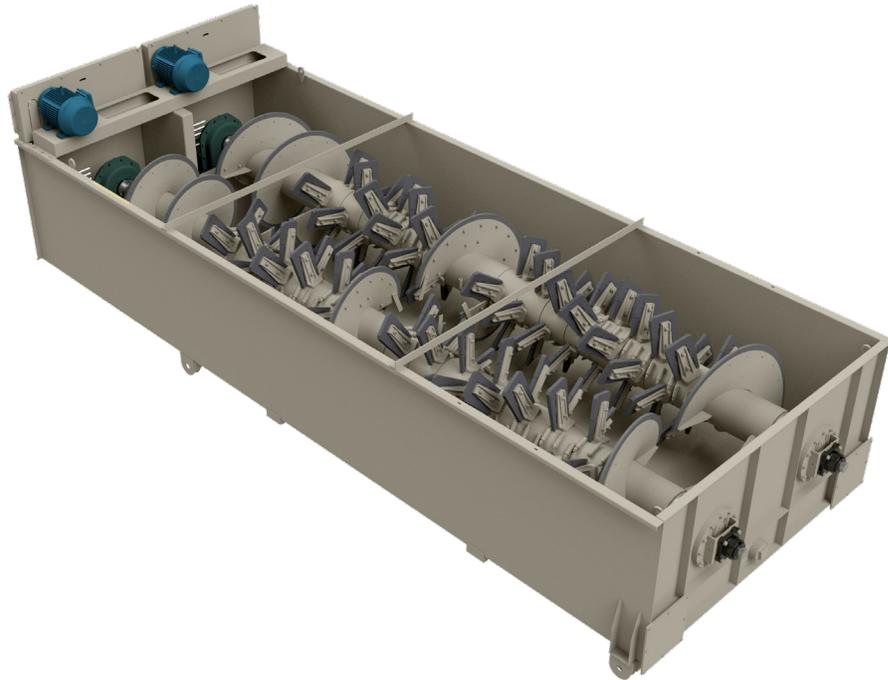


6548-23T

Blademill



Spiral Assembly

- Spiral pipe - heavy wall 16" dia.
- Double pitch, combination flight/paddle configuration with cast Ni-hard outer wear shoes, AR steel inner wear shoes and two-piece cast Ni-hard paddle tips (one right hand & one left hand)
- Standard configuration - One (1) weld-on flight at the tail end, four (4) sets of bolt-on paddles (each set equivalent to (1) 360° flight), one (1) bolt-on flight, four (4) sets of bolt-on paddles (each set equivalent to (1) 360° flight) and two (2) weld-on flights at the head end.
- Greaseable, externally mounted Dodge® Imperial E tail end flange bearing
- Greaseable Dodge® pillow block head end bearing
- Lower end seal - chrome plated stainless steel wear sleeve, water tight bellows type rubber seal and secondary grease seal

Main Tank

- 1/4" (sides & bottom) and 3/8" (rear end plate) welded plate steel construction
- 6" fresh water inlet in the tail end
- Long narrow tub
- "Pinned" mounting locations
- Two (2) 16"x16" rear clean-out port in the tail end

Drive Assembly

- One drive assembly per spiral
- High efficiency v-belt drive assembly
- 40hp TEFC motor
- Dodge® TA-II double reduction shaft mount reducer

Discharge Chute

- Tapered steel discharge chute

Feed Box (optional)

- 42" square feed opening with 3" header pipe

Physical/Operating Characteristics

Dimension	Standard	Metric
Feed Material	2 1/2" x 0	63.5mm x 0mm
Angle of Operation	0° - 4°	0° - 4°
Capacity	Up to 500 TPH	Up to 454 MTPH
Shaft Speed	22 rpm	0.37 Hz
Water requirements	Up to 400 gpm	Up to 90.85 m ³ /h
Operational Length	27' 10"	8.48m
Operational Width	10' 7"	3.23m
Operational Height	6' 8"	2.03m
Approx. Dead Load	31,100lb	14,107kg
Approx. Live Load	57,600lb	26,127kg
Approx. Total Load	88,700lb	40,234kg

Single Spiral Configurations

Model	Capacity	Spiral Speed	Minimum Motor HP	Water REQ'D
	TPH	RPM		GPM @ 25 PSI
6536-19S	150-175	30	25	100-200

Twin Spiral Configurations

Model	Capacity	Spiral Speed	Minimum Motor HP	Water REQ'D
	TPH	RPM		GPM @ 25 PSI
6536-19T	300-350	30	25	175-350
6548-23T	400-500	22	40	200-400

Two (2) motors required on twin units. 24" dia. unit offered only in single spiral configuration

