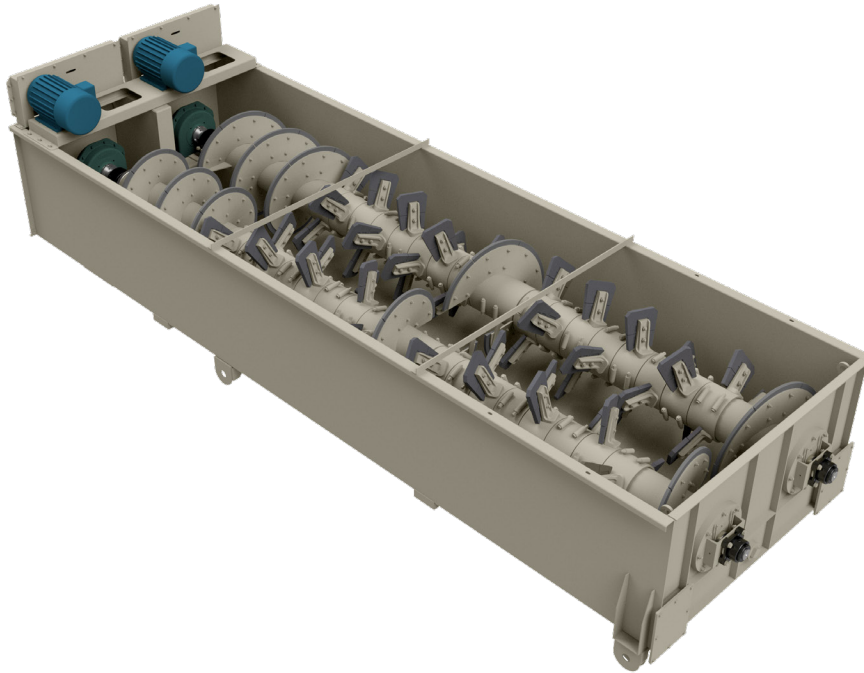


# 6536-19T

## Blademill



### Spiral Assembly

- Spiral pipe - heavy wall 12" 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 three (3) 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
- 4" fresh water inlet in the tail end
- Long narrow tub
- "Pinned" mounting locations
- Two (2) 13"x10" rear clean-out port in the tail end

### Drive Assembly

- One drive assembly per spiral
- High efficiency v-belt drive assembly
- 25hp TEFC motor
- Dodge® RA-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 350 TPH	Up to 318 MTPH
Shaft Speed	30 rpm	0.5 Hz
Water requirements	Up to 350 gpm	Up to 79.49 m <sup>3</sup> /h
Operational Length	23' 5"	7.14m
Operational Width	7' 7"	2.31m
Operational Height	5' 2"	1.57m
Approx. Dead Load	17,200lb	7,802kg
Approx. Live Load	28,300lb	12,837kg
Approx. Total Load	45,500lb	20,638kg

## 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

