



## 3618 COARSE MATERIAL WASHER

36" diameter x 18ft long single coarse material washer.  
3618S comes with the following features as standard:

### FEATURES

- ✓ 36" x 18 ft single screw.
- ✓ Overflow flume with adjustable weir.
- ✓ Lined material discharge chute.
- ✓ Heavy duty construction hull.
- ✓ Spiral flights and blade style shaft.
- ✓ Replaceable screw shoe liners and paddles.
- ✓ Multi-sealed lower outboard bearing housing assembly.
- ✓ Heavy duty gearbox.
- ✓ Fully guarded belt drive system.
- ✓ Containerized transport.



## MAIN TANK

- 15 degree inclined
- Welded 6mm plate with 8mm end plate
- Built in rising current manifold
- 1.1m wide overflow weir
- 8" Diameter flanged water discharge pipe

## SHAFT DRIVE (Hydraulic drive option)

- 22kw electric motor driving via V-belts
- 100mm drive bearing with remote greasing

## MAIN SHAFT

- Heavy wall tube
- Flight and Blade configuration
- 20mm thick Hardox steel replaceable blades for scrubbing
- Spiral flight section fully welded 6mm plate with replaceable Ni-Hard Cast Steel Shoes
- Multi-sealed lower shaft bearing housing externally mounted with 90mm bore spherical roller bearing grease lubricated
- Triple sealed with main bellows seal running on lower shaft wear sleeve and further double oil seal bearing protection

## TECH SPECS

Feed size	10mm – 65mm (0.39" - 2.56")
Max Feed Capacity	150 mtpH (165 stph)
Water requirement	90 – 130 m3/h (396 - 572 Usgpm)
Unloaded Weight	4800 kg (10582 lbs)
Loaded Working Weight	90 – 130 m3/h (396 - 572 Usgpm)
Shaft Speed	32 rpm Electric Drive

## OPTIONS

- Configured with Paddle and blades
- 36 of 15mm replaceable wide angle Hardox paddles
- 12 of Cast blades with rippled face to increase scrubbing