

TITAN SCRUBBER®

GEAR DRIVEN
SCRUBBERS (GDS)



Autogenous Scrubber



Rotary Drum Scrubber



Tumbling Ore Scrubber



Trommel or Bellmouth Discharge



www.mechprotech.co.za



Safety



Integrity



Accountability



Execution
Excellence



Innovation



Results Driven



Employee
Optimisation



TITAN SCRUBBER®

SPECIFICATIONS



We supply scrubbers up to 6 meter (20ft.) diameter and 16 meter (52ft.) in length.

TITAN SCRUBBER® SHELL SUPPORTED SINGLE JOURNAL

Diameter x Length (m) x (m)	Scrubber Model	Installed Power (kW)
1.5 x 3.6	GDS1536	37
1.8 x 4.0	GDS1840	60
1.8 x 4.8	GDS1848	75
2.1 x 4.8	GDS2148	90
2.1 x 6.0	GDS2160	110
2.6 x 4.8	GDS2648	150
2.6 x 6.0	GDS2660	180
2.6 x 7.0	GDS2670	220

TITAN SCRUBBER® SHELL SUPPORTED DOUBLE JOURNAL

Diameter x Length (m) x (m)	Scrubber Model	Installed Power (kW)
3.0 x 7.8	GDS3078	370
3.4 x 9.6	GDS3496	660
4.0 x 11	GDS4011	1000
4.5 x 12	GDS4512	1500
5.0 x 14	GDS5014	2200
5.5 x 15	GDS5515	3000
6.0 x 16	GDS6016	4000

FEATURES



Bi-Directional

1

TITAN GDS runs on a double pinion and girth gear drive, which allows the scrubber to run in either direction, maximizing gear and liner wear life.

Modular Design

2

Mounted on a modular base frame with safety guards, eliminating the need for special civil work, saving costs and can be transported fully assembled.

Shell Supported

3

Shell supported in single or double journal design. Allowing full material load and 35% charge operating up to 70% critical speed for maximum grinding power.

High Quality Specification

4

TITAN Scrubber is designed for operation under loaded charge and delivers more kW per ton/hr.

Easy Maintenance

5

The TITAN GDS features an installed hydraulic jacking maintenance system for easy service and inspection without a mobile crane.

PRODUCT OFFERED WITH



Scrubber Sump

(with pump flanges and overflow)



Discharge Trommel

(rubber or polyurethane panels completed with scrolls)



Feed Chute

(flanged for material / slurry / water inlets)