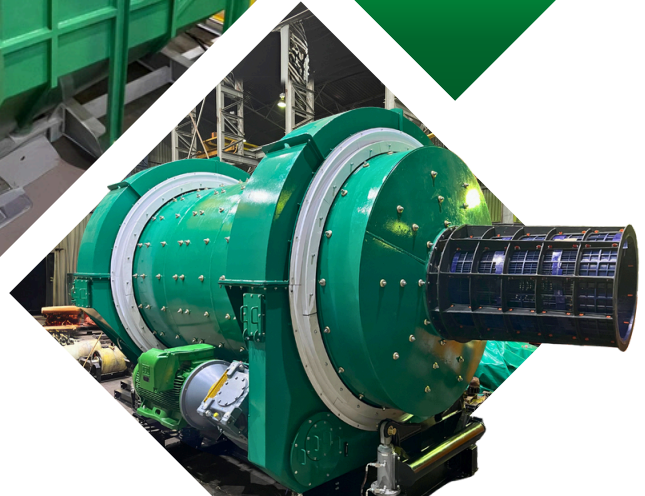


# TITAN MILL<sup>®</sup>

GEAR DRIVEN MILLS  
(GDM)



Ball Mills



SAG Mills



Rod Mills



Overflow and Grated Discharge



[www.mechprotech.co.za](http://www.mechprotech.co.za)



Safety



Integrity



Accountability



Executional  
Excellence



Innovation



Results Driven



Employee  
Optimisation



# TITAN MILL®

## SPECIFICATIONS

We supply mills up to 6 meter (20ft.) diameter and 7.4 meter (24ft.) in length.

### TITAN MILL® SHELL SUPPORTED SINGLE JOURNAL

Diameter x Length (m) x (m)	Mill Model	Installed Power (kW)
1.5 x 2.4	GDM1524	60
1.5 x 3.0	GDM1530	75
1.8 x 3.0	GDM1830	110
1.8 x 3.6	GDM1836	150
2.1 x 3.0	GDM2130	180
2.1 x 3.6	GDM2136	220
2.1 x 4.2	GDM2142	264
2.5 x 3.6	GDM2536	320
2.5 x 4.2	GDM2542	370

### TITAN MILL® SHELL SUPPORTED DOUBLE JOURNAL

Diameter x Length (m) x (m)	Mill Model	Installed Power (kW)
2.5 x 5.0	GDM2550	440
3.0 x 4.2	GDM3042	560
3.0 x 5.2	GDM3052	660
3.0 x 6.0	GDM3060	800
3.5 x 6.0	GDM3560	1000
3.5 x 7.0	GDM3570	1300

## FEATURES

### 1 Bi-Directional

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

### 2 Modular Design

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

### 3 Shell Supported

Shell supported with single or double journal design. Allowing full material load and 40% ball charge operating at 80% critical speed for maximum grinding power.

### 4 Double Journal and Bearing Design

Shell journals run on 90-degree hydrostatic bearings at both ends. Incorporates two lubrication stations for independent operation and control.

### 5 Easy Maintenance

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

## PRODUCT OFFERED WITH



### Mill Sump

(with pump flanges and overflow)



### Discharge Trommel

(wedge-wire or polyurethane panels)



### Feed Chute

(flanged for material / slurry / water inlets. Removable feed spout)