

# BALL GRINDING SIEVING MILL SPECIFICATIONS

Sr.	Description	Quantity
1	<b>Ball Grinding Sieving Mill</b> 1. The machine consists of a rotating cylinder (chamber) lined with tungsten carbide and having tungsten carbide balls as grinding media. The rotating cylinder (chamber) is housed in a stainless steel house connected to powder receiver and vacuum pump. The powder from grinding chamber continually drops to the sieve. The powder with small size will pass the receiver and the oversize will return to the grinding chamber. The whole grinding operation can be carried out at $1.3 \times 10^{-2}$ mbar vacuum or in the inert gas atmosphere. 2. Size of grinding chamber: 20-30 liter 3. Complete machine consisting of the grinding chamber, vacuum chamber, drive mechanism with motor, filter in vacuum line, one sieve of 200 mesh, material of construction given <ul style="list-style-type: none"> <li>○ Outer shell of grinding chamber = stainless steel</li> <li>○ Inner shell of grinding chamber = Tungsten carbide</li> <li>○ Ball - Tungsten carbide</li> <li>○ Size of feed = <math>\leq 3</math>mm</li> <li>○ Rotating speed = 0-60RPM</li> <li>○ Vacuum container = stainless steel</li> <li>○ Product receiver = stainless steel</li> <li>○ Rotating speed: Adjustable speed</li> <li>○ Main Power supply: 3 phase, 380V, 50 Hz</li> <li>○ Language: English</li> </ul>	01 No.

## Consumable Spares:

All damageable spares such as the following will be supplied by seller

• Sieve 200 Mesh	01 No.
• Product Container	02 Nos.
• Grinding chamber as given in No.3	01 No.
• Tungsten carbide balls set	02 Sets
• Sealing ring of each type	06 Nos.
• Seals for one installed	02 Nos.