Multi-Deck Roller Jar Mill

Reliable Construction: Made from M.S. body with a powder-coated finish for durability and long-lasting use.

Multi-Tier Arrangement: Supports simultaneous operation of multiple jars to maximize efficiency.

Adjustable Rollers: Accommodates jar sizes ranging from 2" to 10" in diameter. Made with high-quality neoprene or polyurethane coating for superior resistance to wear and chemicals.

Continuous Operation: Designed for 200 hours of unmanned, continuous operation with smooth, reliable performance.

No Cross Contamination: Designed to ensure no contamination between sample batches.

Powerful Drive System: Features a sealed ball-bearing roller chain drive, allowing speeds from 30 to 300 rpm with variable frequency drive (VFD)

Feature	Details
Construction	M.S. body with powder-coated finish for durability and protection
Arrangement	Multi-Tier system for simultaneous operation
Roller Coating Options	Neoprene or Polyurethane-coated rollers for superior resistance to chemicals and wear
Motor Capacity	1.0 HP, 415V AC, 50 Hz
Speed Control	Variable speed (30–300 RPM) via VFD
Jars	Up to 4 porcelain jars, with options for Alumina, SS, Zirconia, Tungsten Carbide, and Plastic
Grinding Media	Options for SS, Zirconia, Polymer, Tungsten Carbide, and Alumina grinding balls
Timer and Programmable	Programmable forward/reverse operation with timing options from 1 minute to 200 hours
Automation	PLC control with HMI interface and touch screen for easy programming and operation monitoring
Dimensions	Approx. 1500 (L) x 500 (W) x 1000 (H) mm
Power Supply	415V AC, 50Hz
Control System	PLC, HMI, VFD for precise control over operation parameters

Optional Customization:

Tiers: Choose from Single, Two, or Three-tier configurations to suit your production needs.

Soundproofing: Available option to reduce noise levels during operation for a quieter workspace.

Roller Coating: Select from Neoprene or Polyurethane coatings for the rollers, ensuring durability and chemical resistance.

Jar Options: Available jars include Alumina, Stainless Steel (SS), Zirconia, Tungsten Carbide, Plastic, and Porcelain in sizes from 100ml to 100L.

Grinding Balls: Choose from Stainless Steel (SS), Zirconia, Polymer, Tungsten Carbide, or Alumina grinding media for optimal performance.

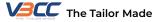


Multideck Two Tier Jar Mill (Polyuruthene Rollers)





Multideck Three Tier Jar Mill (Neoprene)



Multi-Deck Roller Jar Mill

Automation System Highlights:

Programmable Logic Controller (PLC): Provides intelligent control and automation, allowing easy programming of operation cycles and parameters.

Human-Machine Interface (HMI): 7" touchscreen interface for intuitive operation, with control over program settings, including forward/reverse timings, speed, and total run time.

Variable Frequency Drive (VFD): Allows adjustable speeds from 30 to 300 RPM for precise grinding or mixing operations.



Multideck Three Tier Jar Mill (Neoprene)

Applications:

The Multi-Deck Roller Pot Mill is perfect for:

- Ceramic slurry preparation
- Mineral processing
- Chemical mixing and grinding
- Paint and pigment production
- Research and development laboratories



Multideck Two Tier Jar Mill THE TAILOR MAC(Soundproof Model)



