

VERTISPHERE 16/24

Precision Ball Manufacturing Machinery



Vertisphere

For precision manufacturing of close tolerance, high quality balls.

The Vertisphere 16/24 is a versatile, corrosion resistant machine designed and manufactured in the United States specifically for precision manufacturing of high quality balls. It is capable of accepting plates with diameters ranging from 16 inch (400mm) to 24 inch (600mm).

It's applications accommodate ball grinding, flashing, lapping and polishing operations of almost any material used in modern-day industry. On finished product, the Vertisphere 16/24 has shown to produce ISO grade 3 balls on a consistent basis. Should your manufacturing needs require an economical method of producing high quality, precision balls of almost any material, consider the Vertisphere 16/24.



Shown with optional pneumatic pressure control

Vertisphere 16/24

Standard Features and Specifications:

Height	70 inches (1170mm)
Width	35 inches (889mm)
Length	40 inches (1000mm)
Weight	1600lbs (720kg)
Color	Vista Green
Speed	Zero - 173 RPM.
Plate Size	Up to 24 inches diameter (600mm)
Pressure Control	Manual spring pressure or optional pneumatic up to 4200 PSI
Drive System	Geared timing belt
Motor Size	5HP, 220 or 440 VOLT 3 phase (EEC Specs)
Coolant	Self-contained flood system
Load System	Plate pocket or optional feed table



Optional Feed Table

Standard Features and Specifications:

Height	Adjustable to accommodate plate wear.
Width	31 inches (775mm)
Length	40 inches (1000mm)
Weight	300lbs (135kg)
Color	Vista Green
Load Area	30 inches (750mm) X 4 inches (100mm)
Weight Capacity	300lbs (135kg)
Speed	Variable to 8 RPM
Motor Size	1/4 HP.
Min. Ball Size	.125 inches (3.13mm)

The Vertisphere 16/24 with feed table is water resistant and completely self-contained including:

- Splash Guards
- Washdown Motor
- Removable Sump Tank
- Large Drain Access
- Easy Feed Table Connection
- NEMA 4 AC Inverter
- 110V 4 AMP water-tight receptacles for feedtable and coolant pump