



Chester Heavy Duty Universal Milling Machine - CHM2200



Features:

- The bed, column, saddle, and table are constructed from high-grade Meehanite cast iron and undergo stress relief treatment to ensure structural stability and durability.
- X and Y axes are safeguarded by stainless steel telescopic covers for effective protection against chips and debris.
- X and Y axis movements are driven by high-precision lead screws with preloaded double nuts to ensure excellent feed accuracy and backlash reduction.
- All slideways are hardened and precision ground, then coated with Turcite-B to minimize friction and maximize wear resistance.
- The spindle is supported by high-precision angular contact bearings to ensure stable, high-speed operation.
- Made from SCM21 alloy steel, the spindle is heat treated and precision ground for optimal strength and accuracy.
- All gears in the milling head are hardened and precision ground, ensuring smooth, quiet operation and extended service life.
- The X-axis feed is powered by a high-torque servo motor, allowing stepless variable feed speed for improved machining control.
- A high-power spindle motor delivers strong cutting performance and high material removal rates.

Model	CHM2200
Table	
Table Size	2200 x 700mm
X/Y/Z Axes Travel	1700 x 1050 x 950mm
T-Slot (Size x Number x Distance)	20 x 5 x 125mm
3 Axis Rapid Feed Rate	30~2800(30~6000 PC-Based)
3 Axis Cutting Feed Rate	2800(30~6000 PC-Based)
Cutting Range Reference	
Cutting Length	1700mm
Cutting Width	620mm
Cutting Height	620mm
Loading Weight	2000kg
Spindle	
Spindle Speed (60Hz)	45-1500rpm (18 steps)
Spindle Taper	NT50
Distance from Spindle Nose to Table Surface	0-753mm
Distance from Spindle Center to Slideway Surface	650mm
Horizontal Spindle	
Spindle Speed (60Hz)	45-1500rpm (18 steps)
Spindle Taper	NT50
Distance from Spindle Center to Table Surface	0-950mm
Distance from Spindle Nose to Slideway Surface	335mm
Motor	
Spindle Motor	15hp x 4p AC
X-Axis Feed Motor	3kW
Y-Axis Feed Motor	3kW
Z-Axis Feed Motor	3kW
Dimensions	
Net Weight	7500kg
Floor Plan (L x W x H)	1880 x 4080 x 3180mm

Standard Accessories:

- Table Size 2200 x 600 mm
- Three Axis Travel 1700 x 1050 x 950 mm
- Spindle Taper NT50
- Spindle Motor 15 HP
- Vertical Spindle Speed 45-1500 RPM (18 Steps)
- Spindle Braking System
- Three Axis Motor: 3kW
- Automatic Lubricator
- Cooling System
- Three Axis MPG Handwheel
- 3 Axes DRO
- Coolant Tray and Chip Guard
- Levelling pads & Screws
- Transformer

Optional Accessories:

- Air Power Draw Bar (Vertical)
- Air Power Draw Bar (Horizontal)
- Ball Screw (X, Y Axis)
- Half cover for Worktable
- Spindle Speed: 45-1500rpm (Variable) (Inverter)

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.