

EUROPA MU-46 Series Ram Type Milling Machine replaces the Centurion CU milling range.

Specification

Table size	1235 x 460mm
T-slots (number x width x pitch)	5 x 18 x 80mm
Max. table load	800kg
Table rotation	No
Travels (X/Y/Z axes)	900 x 650 x 450mm
Vertical spindle taper	7:24 ISO No.40
Vertical spindle speed	30-2050rpm / 27 steps
Swivel angle of vertical spindle head	360° Degree
Distance between vertical spindle end and table top	32 - 482mm
Feed rates (X/Y/Z axes)	(infinite) 10-1000 / 10-1000 /6-640 mm/min
Rapid traverse (X/Y/Z axes)	2200 / 2200 / 1100mm/min
Power of main motor	7HP
Power of feed servo motor	X/Y/Z 18/18/27Nm
Machine dimensions (L x W x H, approximate)	2570 x 2035 x 1990mm
Machine weight (approximate)	3600Kg

Machine Features

Servo motors drive for X, Y, Z three axes

Handwheel can be equipped for easy tool setting and smoothly axis moving

Robust & rugged machine body made of high grade casting assuring superb stability and long lasting life.

Fine elaborate workmanship with great care and neat appearance with perfect paint finish.

Precision-ground guideways with hardened surface for long-term accuracy and wear-resistance.

Preloaded ball screw with zero backlash for easy and precise feeds

Simultaneous axis movement

Turcite-B coated guides

Dovetail guide on X & Y axis

Square guides on Z axes

Swivelling control panel, fully equipped with all operating controls

Automatic lubrication

Spindle brakes

Equipment according to CE

Large work area of 1235 x 460mm, and up to 800kg table load capacity.

Vertical universal head rotates 360° for versatile cutting performance.

High speed vertical universal head firmly fixed on ram for robust & heavy cutting performance.

Separate button for rapid traverse of axes, aside automatic feeding, for easier operation and less idle time.

Compulsory lubrication of horizontal milling spindle transmission gears for smooth running.

Modular design with wide options for diverse needs: 2-axis DRO unit, 3-axis DRO unit, table guards, spindle guards, indexing dividing heads, various clamping kits, vices, tool holders, etc.

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Other Ram mills:

[EUROPA MU-36 S & MU-36 SCL Ram Type Milling Machines](#)

[EUROPA MU-50 Series Ram Type Milling Machine](#)