

VERTICAL MILLING MACHINE PHOEBUS WICKER MOD.EVS 500A

INVERTER HEAD - MOTORIZED AXES AND BALL SCREWS



TECHNICAL CHARACTERISTICS

VERTICAL SPINDLE

• spindle speed at first range	rpm	480
• spindle speed at second range	rpm	3600
• quill diameter	mm.	110
• spindle motor	HP	5
• spindle nose	ISO	40
• quill travel	mm.	140
• quill feed	mm/min	0,035-0,07

X AXIS

• diameter of ball screw	mm.	32
• travel (auto/manual)	mm.	1100/1150
• working feed	mm/min	3500
• motor power	W	740

Y AXIS

• diameter of ball screw	mm.	32
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TECNOLOGY - MACHINE TOOLS - CUSTOMER CARE SERVICE

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• travel (auto/manual)	mm.	500/540
• working feed	mm/min	2800
• motor power	W	740

Z AXIS

• diameter of ball screw	mm.	38
• travel (auto/manual)	mm.	365/385
• working feed	mm/min	1000
• motor power	W	850

WORK TABLE

• working surface	mm.	1470x370
• T slot size	mm.	18
• number of T slots	n°	3

GENERAL DATA

• weight machine	Kg.	2250
• floor space	mm.	1870x1700
• height machine	mm.	2300

STANDARD ACCESSORIES

- Ballscrews on X-Y axes
- Trapezoidal screw on Z axis
- Continuously variable feed with Yaskawa inverter on three axes
- Fast head with electronic speed variation via Inverter
- Pneumatic air power drawbar
- Sliding guides hardened on 3 axes and with turcite B inserts
- Protective bellows on the guides
- Halogen lamp
- Automatic axis lubrication system
- Coolant system
- Tank for chips and coolant
- Safety protection on the table
- CE Mark
- Operator and maintenance manuals