

## **VERTICAL MILLING MACHINE PHOEBUS WICKER MOD.EVS 600A**

### **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.    | 1125/1200 |
| • working feed           | mm/min | 3500      |
| • motor power            | W      | 740       |

#### **Y AXIS**

|                          |     |    |
|--------------------------|-----|----|
| • diameter of ball screw | mm. | 32 |
|--------------------------|-----|----|

## TECNOLOGY - MACHINE TOOLS - CUSTOMER CARE SERVICE

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|                        |        |         |
|------------------------|--------|---------|
| • travel (auto/manual) | mm.    | 610/650 |
| • working feed         | mm/min | 2800    |
| • motor power          | W      | 740     |

### Z AXIS

|                          |        |         |
|--------------------------|--------|---------|
| • diameter of ball screw | mm.    | 38      |
| • travel (auto/manual)   | mm.    | 440/455 |
| • 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. | 2700      |
| • floor space    | mm. | 2070x2050 |
| • height machine | mm. | 2600      |

## **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