

FLOOR TYPE MILLING MACHINE COLGAR MOD.FRAL 25 2C NC CNC UNIT ECS 2301



TECHNICAL CHARACTERISTICS

AXIS

• X axis travel (longitudinal)	mm.	8000
• Y axis travel (vertical)	mm.	3000
• Z axis travel (vertical)	mm.	1000

FEEDS

• working feed X axis	mm/min	0 ÷ 2000
• rapid feed X axis	mm/min	4000
• working feed Y axis	mm/min	0 ÷ 2000
• rapid feed Y axis	mm/min	4000
• working feed Z axis	mm/min	0 ÷ 2000
• rapid feed Z axis	mm/min	4000

SPINDLE

• constant torque rotation speed (R range)	rpm	4 ÷ 74
• rotation speed at constant power (R range)	rpm	74 ÷ 330
• constant torque rotation speed (D range)	rpm	17 ÷ 320

Dimensions and technical data are not demanding and can be changed at the discretion of the Manufacturer

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- | | | |
|--|-----|------------|
| • rotation speed at constant power (D range) | rpm | 320 ÷ 1440 |
| • spindle nose | ISO | 50 |

MOTORS

- | | | |
|--------------------------|----|------|
| • spindle motor | KW | 18,4 |
| • motor power X axis | KW | 7,6 |
| • motor power Y axis | KW | 4,99 |
| • motor power Z axis | KW | 4,99 |
| • lubrication motor pump | KW | 0,75 |
| • coolant pump | KW | 0,75 |

ROTATING ROTARY TABLE

- | | | |
|---|-----|-----------|
| • rototranslating rotary table dimensions | mm. | 2000x2500 |
| • stroke rototranslating rotary table | mm. | 1750 |
| • rototranslating rotary table capacity | Kg. | 20000 |

GENERAL DATA

- | | | |
|------------------|-----|------------|
| • floor space | mm. | 13500x2850 |
| • height machine | mm. | 6185 |
| • power required | KW | 39,22 |

STANDARD ACCESSORIES

- CNC Unit ECS 2301
- Stolle plane
- Rototranslating rotary table 4th and 5th axis 2000x2500 x 1750 controlled by CNC
- Manual bi-rotary universal head with hydraulic attachment of the tool
- Extended strength spindle
- N. 2 Squares for piece clamping
- Operator and maintenance manuals
- CNC manuals