

## MILLING MACHINE

|               |                   |
|---------------|-------------------|
| Manufacturer: | CORREANAYAK       |
| Model:        | NORMA - L         |
| Type:         | Travelling Column |



## EQUIPMENT

### STANDARD EQUIPMENT

- Heidenhain CNC
- Portable handwheel Heidenhain
- Spindle orientation
- Rigid tapping
- Tool Clamping foot pedal
- Ethernet board
- 2 Work lights
- Linear guide ways on the three linear axes
- A/C electrical cabinet
- Roofless perimetral guarding
- External coolant equipment (6 bar | 30l/min | 60 Micron.)
- Coolant tank 600 l
- Sliding keypad

### OPTIONS

- 12-30-40-60 post automatic tool changer
- Rear and frontal chips removal equipment
- Rear operator's workplaces
- Pendulum working
- Measurement and tool presetting touch probes
- Coolant through the spindle (high pressure)
- 4<sup>th</sup> axis rotary table
- MQL outer tool microlubrication system
- 33 kW spindle power
- Universal Heads:
  - Manual (U22)
  - Auto-indexing Differential (UGA 0,02°x0,02°)
  - Auto-indexing Differential (UAD 0,02°x0,02°)
  - UDG

**TECHNICAL FEATURES**

|                            |                    |                   | <i>NORMA L-45</i> | <i>NORMA L-60</i> | <i>NORMA L-80</i> |
|----------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Table</b>               | Surface            | mm                | 4.705 x 1.100     | 6.265 x 1.100     | 8.345 x 1.100     |
|                            | Max. load table    | kg/m <sup>2</sup> |                   | 6.000             |                   |
| <b>Automatic Traverses</b> | Longitudinal       | mm                | 4.500             | 6.000             | 8.000             |
|                            | Cross              | mm                |                   | 1.250             |                   |
|                            | Vertical           | mm                |                   | 1.500             |                   |
| <b>Feeds</b>               | Maximum            | x                 |                   | 20                |                   |
|                            |                    | y                 |                   | 20                |                   |
|                            |                    | z                 |                   | 20                |                   |
| <b>Spindle</b>             | Spindle nose       | Kg                |                   | ISO-50            |                   |
|                            | Programmable speed | r.p.m             |                   | 3.000 / 6.000     |                   |
|                            | Maximum power      | kW                |                   | 24 / 33           |                   |
|                            | Maximum torque     | Nm                |                   | 840 / 960         |                   |
| <b>Weights</b>             | Machine weight     | kg                | 30.000            | 40.000            | 45.000            |