

**SAM 023012****MANDELLI Type THUNDER 630**

|                       |                             |
|-----------------------|-----------------------------|
| <b>Group</b>          | Horizontal machining center |
| <b>Manufacturer</b>   | MANDELLI                    |
| <b>Type</b>           | THUNDER 630                 |
| <b>Controller CNC</b> | FANUC 16i-M                 |



|                                     |                 |
|-------------------------------------|-----------------|
| Longitudinal travel (X-axis)        | 1000 mm         |
| Transversal travel (y-axis)         | 850 mm          |
| Vertical travel (z axis)            | 850 mm          |
| Table load max.                     | 800 kg          |
| Table divisions (B)                 | 0.001 °         |
| Pallets chancing device:            |                 |
| numbers                             | 10              |
| Length                              | 630 mm          |
| Width                               | 630 mm          |
| Time of changing palets             | 12 s            |
| Tool changer:                       |                 |
| Tool magazine number of tool places | 160             |
| Tool diameter                       | 150 mm          |
| Tool lenght                         | 400 mm          |
| Max. tool-weight                    | 20 kg           |
| Time of tool changing               | 1.8 / 3.5 s     |
| Spindle nose: HSK                   | 63              |
| Horizontal spindle speeds:          |                 |
| stepless                            |                 |
| up to                               | 12000 t/min     |
| stepless                            |                 |
| Feed range                          | 10-50000 mm/min |
| B axis                              | 20 rpm          |
| Spindle motor                       | 37.7 kW         |
| Overall dimensions machine:         |                 |
| Length                              | 9643 mm         |
| Width                               | 5848 mm         |
| Height                              | 3824 mm         |
| <b>Various accessories:</b>         |                 |
| High pression colant device         | 60 bar          |
| Chip conveyor                       |                 |

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