

# 715 Series

## Technical data

### MT 715

|                                          |                               |
|------------------------------------------|-------------------------------|
| Tool changer                             | Tower magazine                |
| Travel X – Y – Z max.                    | 1,550 – 210 – 480 mm          |
| Bar diameter                             | 65   102 mm                   |
| Chip-to-chip time                        | 3.9 s                         |
| Number of milling spindles               | 1                             |
| Swivel range milling spindle             | ± 110°                        |
| Milling spindle speed max.               | 20,000 rpm                    |
| Milling spindle torque max.              | 100 Nm                        |
| Tool taper                               | HSK-T63                       |
| Tool options max.                        | 64 – 176                      |
| Ø Tool max.                              | 80 mm                         |
| Ø Tool max. with free secondary space    | 160 mm                        |
| Tool length max.                         | 450 mm                        |
| Tool weight max.                         | 5.0 kg                        |
| Rapid feed X – Y – Z max.                | 60 – 40 – 60 m/min            |
| Axis acceleration X – Y – Z max.         | 10 – 10 – 10 m/s <sup>2</sup> |
| Main turning spindle speed max.          | 4,800   3,500 rpm             |
| Main turning spindle torque max.         | 270   495 Nm                  |
| Main turning spindle DIN ISO 702-1 A2    | Nr. 6   Nr. 8                 |
| Counter turning spindle speed max.       | 4,800   3,000 rpm             |
| Counter turning spindle torque max.      | 270   495 Nm                  |
| Counter turning spindle DIN ISO 702-1 A2 | Nr. 6   Nr. 8                 |
| Tool options additional unit max.        | 12                            |

