



# A20-VII

## Tornio a fantina mobile

| Item                                                    |                         | A20-VII                                                    |
|---------------------------------------------------------|-------------------------|------------------------------------------------------------|
| Maximum machining diameter                              |                         | ø20mm                                                      |
| Maximum machining length                                | Guide-bushing           | 200mm                                                      |
|                                                         | Guide-bushing-less      | 2.5D(Max. 55mm)                                            |
| Maximum drilling diameter for main spindle              |                         | ø10mm                                                      |
| Maximum tapping diameter for main spindle (tap,die)     |                         | M8                                                         |
| Spindle speed                                           |                         | Max.10,000min <sup>-1</sup>                                |
| Maximum drilling diameter for rotary tool               |                         | ø7mm                                                       |
| Maximum tapping diameter for rotary tool                |                         | M6                                                         |
| Spindle speed of the gang rotary tool                   |                         | Max.6,000min <sup>-1</sup> (rating4,800min <sup>-1</sup> ) |
| Maximum chuck diameter of back spindle                  |                         | ø20mm                                                      |
| Maximum protrusion length of the back spindle workpiece |                         | 50mm                                                       |
| Maximum drilling diameter in back machining process     |                         | ø8mm                                                       |
| Maximum tapping diameter in back machining process      |                         | M6                                                         |
| Back spindle speed                                      |                         | Max.8,000min <sup>-1</sup>                                 |
| Number of tools to be mounted                           |                         | 21                                                         |
| Tool size                                               | Turning tool            | □12mm (□13mm, □16mm)                                       |
| Rapid feed rate                                         | X1 axis                 | 18m/min                                                    |
|                                                         | X2 axis                 | 32m/min                                                    |
|                                                         | Y axis                  | 32m/min                                                    |
|                                                         | Z1 axis                 | 32m/min                                                    |
|                                                         | Z2 axis                 | 32m/min                                                    |
|                                                         |                         |                                                            |
| Motors                                                  | For spindle drive       | 2.2/3.7kW                                                  |
|                                                         | For tool spindle drive  | 0.75kW                                                     |
|                                                         | For back spindle drive  | 1.1/1.5kW                                                  |
|                                                         | For cutting coolant oil | 0.25kW                                                     |
| Input power capacity                                    |                         | 6kVA                                                       |
| Center height                                           |                         | 1,050mm                                                    |
| Weight                                                  |                         | 2,550kg                                                    |