

Technical data

| Machine type | KEL-UNIVERSAL | | |
|--|---------------|-------------------------------------|-------------|
| Main specification | | | |
| Distance between centres | mm | 1000 | 1500 |
| Grinding length | mm | 1000 | 1500 |
| Centre height | mm | 175 – 250 | |
| Weight of workpiece between centres | kg | 130 | |
| Load on chucked work | Nm | 160 | |
| Mains voltage required | | 3 x 400V / 50 Hz / 3 x 460V / 60 Hz | |
| Power consumption depending on equipment A | | 25 | |
| Space required / length x width | mm | 4220 x 2100 | 5560 x 2100 |
| Longitudinal / slide: Z-axis | | | |
| Travel | mm | 1300 | 1750 |
| Rapid traverse speed | m/min | 6 | |
| Swivelling range of upper table | degree | 9 | 7 |
| Wheelslide: X-axis | | | |
| Travel | mm | 220 / 40 | |
| Swivel devices | | | |
| Man. indexing / 2.5° Hirth coupling | | all 90° / infinitely positioning | |
| Swivelling range | degree | +5 -195 | |
| Wheelhead general | | | |
| Drive motor | kW | 3.7 kW air cooled | |
| Peripheral grinding wheel speed | m/s | 35 | |
| Wheelhead UR | | | |
| Grinding wheel dimensions, lefthand side | mm | 400 x 50 x 127 | |
| Grinding wheel dimensions, righthand side option | mm | 300 x 40 x 127 | |
| Internal grinding attachment | | | |
| Bore for spindles up to | mm | 80 | |
| Motor output | kW | main motor | |
| Workhead | | | |
| Rotational spindle speed | min-1 | 6 – 600 | |
| Driving torque spindle | Nm | 36 | |
| Spindle nose / internal taper | | MT5 / adapter ASAS5 | |
| Swivelling range | option degree | -30 +120 | |
| Tailstock | | | |
| Internal taper | | MT4 | |
| Retraction of sleeve | mm | 30 | |
| Micro-adjustment | option µm | + / -15 | |
| Control system | | | |
| Control system | | hydraulic control | |
| Measuring systems | | | |
| Gap Control | | Marposs | |
| In-process gauging | | Marposs | |

All specifications and designs are subject to alterations without notice

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