



MANURHIN K'MX 432, 532 & 632

THE MANURHIN K'MX 432, 532 AND 632 MACHINES, ARE DEDICATED TO THE MACHINING OF COMPLEX PARTS, FROM BAR OF UP TO 32MM.

MACHINES ARE EQUIPPED WITH GE FANUC CONTROL SYSTEMS, WHICH ENABLES YOU TO CONTROL 4 AND 6 INDEPENDENT AXES AT ANY ONE TIME.

THE MANURHIN SLIDING HEADSTOCK HAS A STROKE OF 410 mm. THIS ADVANTAGE ENABLES THE MACHINE TO PRODUCE MUCH LONGER PARTS THAN ORDINARY SWISS TYPE LATHES. MACHINES ARE CONFIGURED TO MACHINE BAR MATERIAL FROM BRASS, ALUMINIUM OR STAINLESS STEEL FROM ROUND, SQUARE OR HEXAGON.

MANURHIN K'MX 432, 532 AND 632 IS THE IDEAL SOLUTION TO MANUFACTURE COMPLEX PARTS WITH HIG PRODUCTIVITY, EFFICIENCY AND RELIABILITY.



FOR ALL YOUR TURNING NEEDS

LOOK NO FURTHER THAN THE MANURHIN SOLUTION

OPTIONS

- » Long parts ejection device
- » Chip conveyor
- » "C" axis on main and sub-spindle
- » Live tools
 - unit for 3 axial tools towards main spindle
 - unit for 3 axial tools towards sub-spindle
 - unit with 3 positions for radial tools
 - unit with 5 positions for radial tools (altogether up to 10 radial tools)
- » High pressure coolant
- » Tool breakage detector

STANDARD EQUIPMENT

- » Fanuc 31i control system
- » Set of OD tool holders for tools of section 16x16 mm
- » Set of ID tool holders Ø 25 mm
- » Main spindle with collet clamp for collets 161E (or 145E, 164E)
- » Sub-spindle with collet clamp for collets 161E (or 145E, 164E)
- » Driven rotary mechanical guide bush
- » Parts catcher
- » Automatic lubrication

| Technical specifications | K'MX 532 | K'MX 432 | K'MX 632 |
|---------------------------------------|--------------|--------------|-----------------|
| Main Spindle | | | |
| Max bar capacity | Ø 20, 26, 32 | Ø 20, 26, 32 | Ø 20, 26, 32 mm |
| Spindle bore | Ø 36 | Ø 36 | Ø 36 mm |
| Electrospindle power | 3.7 / 5.5 | 3.7 / 5.5 | 3.7 / 5.5 kW |
| Max spindle speed of electrospindle | 10000 | 10000 | 10000 rpm |
| Headstock stroke (axis Z1) | 410 | 410 | 410 mm |
| Sub Spindle | | | |
| Max bar capacity | Ø 20, 26, 32 | Ø 20, 26, 32 | Ø 20, 26, 32 mm |
| Spindle bore | Ø 33 | Ø 33 | Ø 33 mm |
| Electrospindle power | 3.7 / 5.5 | 3.7 / 5.5 | 3.7 / 5.5 kW |
| Max spindle speed of electrospindle | 10000 | 10000 | 10000 rpm |
| Headstock stroke (axis Z2) | 260 | 260 | 260 mm |
| Headstock stroke (axis Y2) | 650 | - | 650 mm |
| Max length of part for front ejection | 155 | 155 | 155 mm |
| Axis | | | |
| Number | 5 | 4 | 6 |
| Rapid feed | 30 | 30 | 30 m/min |