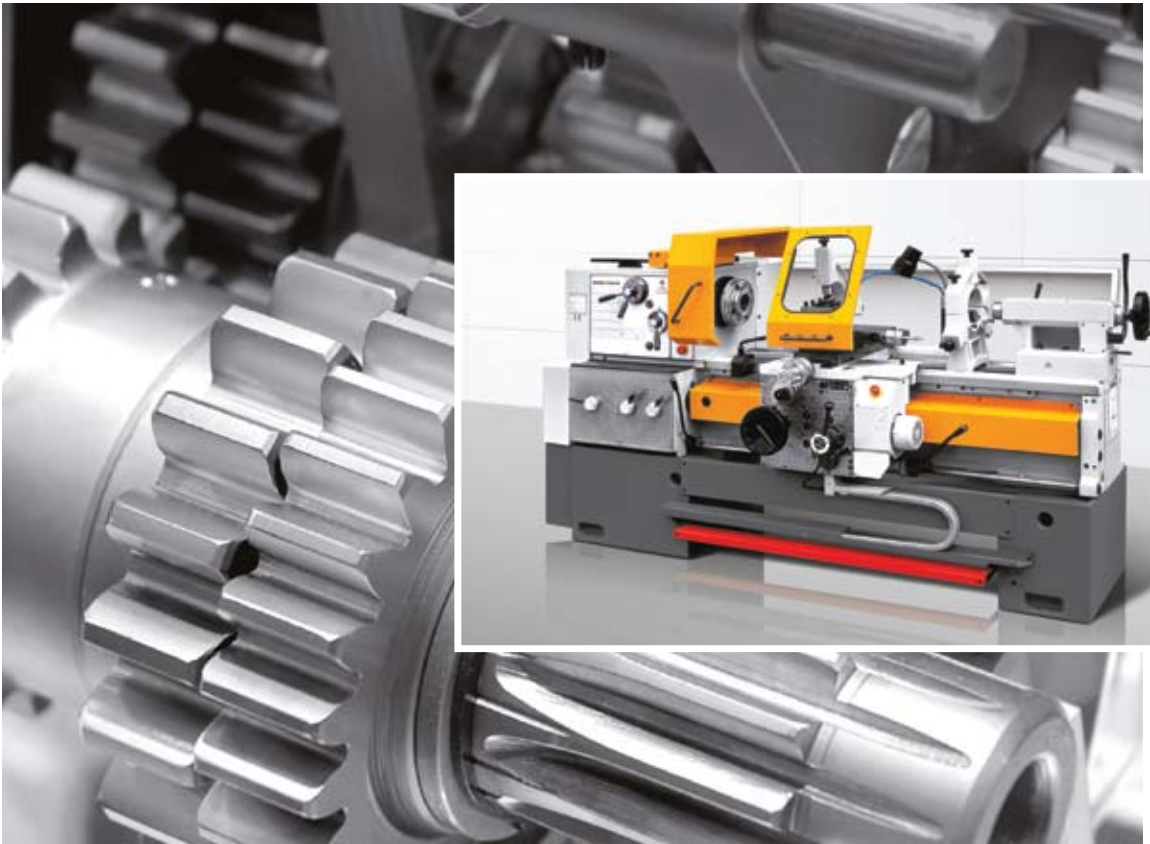


MACHINE SPECIFICATION

CU400 CU500





CU400
CU500

UNIVERSAL LATHES

| STANDART MACHINE SPECIFICATION | | UNIT | CU400 | CU500 |
|--------------------------------|--------------------------|--------|------------------|-------|
| CAPACITY | Height of centers | mm | 210 | 245 |
| | Swing over bed | mm | 440 | 500 |
| | Swing over cross slide | mm | 230 | 300 |
| | Swing in gap | mm | 620 | 670 |
| | Width of bed | mm | 360 | |
| | Distance between centers | mm | 1000; 1500; 2000 | |
| SPINDLE | Spindle nose DIN 55027 | No | 8 | |
| | Spindle bore | mm | 62 | |
| | Spindle taper | Metric | 80 | |
| HEAD STOCK | Number of spindle speeds | | 21 | |
| | Spindle speed ranges | rpm | 20 – 2000 | |
| | Main motor power | kw | 7,5 | |
| FEEDS | Number of feeds | | 120 | |
| | Longitudinal feed range | mm/rev | 0,04 – 12 | |
| | Cross feed range | mm/rev | 0,02 – 6 | |
| THREADS | Number of threads | | 64 | |
| | Metric thread range | mm | 0,5 – 120 | |
| | Inch thread range | Tpi | 60 – 1/4 | |
| | Module thread range | Module | 0,125 – 30 | |
| | DP thread range | DP | 240 – 1 | |
| CARRIAGE | Cross slide travel | mm | 250 | |
| | Top slide travel | mm | 130 | |
| TAILSTOCK | Quill diameter | mm | 70 | |
| | Quill taper | Morse | No. 5 | |
| | Quill travel | mm | 180 | |
| WEIGHT | For DBC 2000 mm | kg | 2560 | 2630 |

LATHE MACHINE OPTIONAL ACCESSORIES

| N | OPTIONAL ACCESSORY | SPECIFICATIONS | CU325 CU325RD | C400TM C400TMS | CU400 | CU500 | CU400M CU400MRD | CU500M CU500MRD | CU580M CU580MRD | C11MT C11MTS | CU500MT CU500MTRD | CU630 CU630RD |
|----|--|------------------------------------|---------------|-----------------|--------|---------|-----------------|-----------------|-----------------|--------------|-------------------|---------------|
| 1 | 3-JAW SELF-CENTERING CHUCK | Diameter (mm) | 160 | 200 | 250 | 250 | 250 | 250 | 250 | 250 | 315 | 315 |
| 2 | INDEPENDENT 4-JAW CHUCK | Diameter (mm) | 250 | 320 | 400 | 500 | 400 | 500 | 500 | 500 | 500 | 600 |
| 3 | FACE PLATE | Diameter (mm) | 296 | 320 | 400 | 480 | 400 | 480 | 480 | 480 | 500 | 600 |
| 4 | FOLLOWE REST | Range (mm) | 10-70 | 10-80 | 15-160 | 15-200 | 15-160 | 15-200 | 15-200 | 15-200 | 15-200 | 15-200 |
| 5 | STEADY REST, SMALL SIZE | Range (mm) | 10-70 | 10-100 | 15-150 | 15-160 | 15-160 | 15-160 | 15-200 | 15-200 | 15-160 | 15-200 |
| 6 | STEADY REST, BIG SIZE | Range (mm) | No | No | No | 140-280 | No | 140-280 | 180-340 | 180-340 | 140-280 | 180-340 |
| 7 | TAPER TURNING ATTACHM. | +10° | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 8 | ONE-POSITION LONG. STOP | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 9 | THREAD DIAL | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 10 | DRIVE PLATE FOR SPINDLE NOSE DIN 55027 | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| 11 | SET OF LATHE DOGS | Ø20; Ø30; Ø40; Ø50; Ø60; Ø80; Ø100 | 20; 50; | 20;30;40; 50;60 | Full | Full | Full | Full | Full | Full | Full | Full |
| 12 | LIVE CENTER | Morse | M3 | M4 | M5 | M5 | M5 | M5 | M5 | M5 | M5 | M5 |
| 13 | DRILL CHUCK WITH ARBOR | Drill diam. (mm) | 13 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

| N | OPTIONAL ACCESSORY | SPECIFICATIONS | C10T C10TS | CU730 CU730RD | C10TM C10TMS | C10TH C10THS | C10T.10 C10TS.10 | C10T.12 C10TS.12 | CU800 CU800RD | CU1000 CU1000RD | CU1250 CU1250RD | CU1410RD |
|----|--|------------------------------------|------------|---------------|-----------------|-----------------|------------------|------------------|---------------|-----------------|-------------------------|--------------------------|
| 1 | 3-JAW SELF-CENTERING CHUCK | Diameter (mm) | 315 | 315 | 400 | 400 | 500 | 500 | 500 | 500 | 500 | 630 |
| 2 | INDEPENDENT 4-JAW CHUCK | Diameter (mm) | 600 | 600 | 760 | 760 | 580 Standard | 630 Standard | 760 | 1000 | 1000 | 1250 |
| 3 | FACE PLATE | Diameter (mm) | 600 | 600 | 760 | 760 | x | x | 760 | 1000 | 1000 | No |
| 4 | FOLLOWE REST | Range (mm) | 15-200 | 20-200 | 20-200 | 20-200 | 20-200 | 20-200 | 80-300 | 80-300 | 80-300 | 80-300 |
| 5 | STEADY REST, SMALL SIZE | Range (mm) | 15-200 | 20-200 | 20-200 | 50-250 | 20-200 | 20-200 | 50-300 | 50-300 | 50-300 | 80-300 |
| 6 | STEADY REST, BIG SIZE | Range (mm) | 180-430 | 180-430 | 180-430 200-520 | 220-450 420-620 | 180-430 | 180-430 | 270-520 | 270-520 480-720 | 270-520 480-720 700-950 | 270-520 470-720 700-1000 |
| 7 | TAPER TURNING ATTACHM. | +10° | Yes | Yes | Yes | Yes | Yes Standard | Yes Standard | Yes | Yes | Yes | Yes |
| 8 | ONE-POSITION LONG. STOP | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 9 | THREAD DIAL | | Yes | Yes | Yes | Yes | Yes Standard | Yes Standard | Yes | Yes | Yes | No |
| 10 | DRIVE PLATE FOR SPINDLE NOSE DIN 55027 | | Yes | Yes | Yes | Yes | No | No | No | No | No | No |
| 11 | SET OF LATHE DOGS | Ø20; Ø30; Ø40; Ø50; Ø60; Ø80; Ø100 | Full | Full | Full | Full | No | No | No | No | No | No |
| 12 | LIVE CENTER | Morse | M5 | M6 | M6 | M6 | M6 | M6 | M6 | M6 | M6 | MK 7 |
| 13 | DRILL CHUCK WITH ARBOR | Drill diam. (mm) | 20 | 20 | 20 | 20 | No | No | No | No | No | No |

Remarks : Yes = Available for this model; No = Not available for this model

Steady rest Ø720mm for lathe CU1000 - open type only

Steady rest Ø700-1000 for lathe CU1410RD - open type only

