

MONFORTS

KNC 8 x 3000

Stock no. :1022-2402

MACHINE-DATA

Machinetype	: Lathe - cycle-controlled
Make	: MONFORTS
Type	: KNC 8 x 3000
Year	: 1998
Control type	: CNC
Control	: Monforts MTC K
Storage location	: Monheim (Germany)
Origin	: Germany
Delivery time	: Short-dated
Quotation	: Ex warehouse, loaded on truck
Price	: on request



TECHNICAL DATA

turning diameter	ca. 800 mm
turning length	ca. 3000 mm
control	Monforts MTC K
total power requirement	53 kVA
weight of the machine ca.	6,5 t
dimensions of the machine ca.	5200 x 2110 x 1890 mm

TECHNICAL DESCRIPTION

Working area:

Center distance 2965 mm

Swing over bed 800 mm

Swing over cross slide 520 mm

Cross slide travel 400 mm

Bed width 550 mm

Cross slide width 280 mm

Bed slide guide length 600 mm

Turning tool cross-section 32x32 mm

Spindle diameter in front bearing 140 mm



MONFORTS

KNC 8 x 3000

Stock no. :1022-2402

Spindle mount according to DIN 55027 size 11

Material throughput 92 mm

Spindle inner taper metric 100

Main drive:

Three-phase motor (Siemens)

Drive power 50/100% duty cycle 50/37 kW

Total speed range 4.5 - 1800 rpm

Gear stage 1 4.5 - 180 rpm

Gear stage 2 16 - 600 rpm

Gear stage 3 45 - 1800 rpm

Max. torque 5090 Nm

Feed drive:

Three-phase servo drives with mechanical safety clutch

Longitudinal feed force 22500 N

Cross feed force 13750 N

Rapid traverse speed longitudinal/cross 6.8/4 m/min.

Thread cutting range:

Longitudinal and tapered threads, pitch 0.001-500 mm

Tailstock:

Quill diameter 120 mm

Quill stroke 210 mm

Internal taper MT 6

Total power requirement:

Power 53 kVA

80 A fuse

Machine dimensions:

Length 5200 mm

Width 2110 mm

Height 1890 mm

Weight 6500 kg

Equipment:

MTC K CNC control

3-jaw chuck SCHUNK, Model ROTAS-plus 400

Tailstock

Steady rest

Coolant unit

Various accessories such as clamping jaws and tool holders

Machine documentation

Lathe - cycle-controlled



MONFORTS

KNC 8 x 3000

Stock no. :1022-2402

VIDEO-LINKS

Video No.1 : <https://www.youtube.com/embed/Ri5Sw-BQEns>

WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-2402>

Lathe - cycle-controlled



MONFORTS

KNC 8 x 3000

Stock no. :1022-2402



Technical details and information subject to amendments and errors.

Knops Werkzeugmaschinen GmbH & Co. KG

Page: 4/4

An der Spielbank 4 · 40789 Monheim Fon: 02173 - 39494-0 · maschinen@knops.de · www.knops.de