



Machine Data

Main Dimensions

Turning diameter, max.	1.550..... mm
Turning diameter, min.	0..... mm
Center distance, max.	7.000..... mm
Center distance, min.	1.000..... mm
Carriage stroke (Z-axis), max.	7.000..... mm
Turning saddle stroke (X-axis), max.	550..... mm
Plunge-cut depth at roll diameter 1.550 mm, max.	305..... mm
Max. workpiece weight to be permitted	55.000..... kg

Headstock

Speeds:	Range I	1 - 45..... 1/min
	Range II	4 - 192..... 1/min
Faceplate clamping diameter		150 - 750..... mm
Faceplate torque, max.		63.000..... Nm
Power of drive motor, max.		210..... kW
Gear lubrication, setting		1..... l/min

Saddle

Cross feed (X-axis)	1 - 6,000..... mm/min
Rapid motion, max. (X-axis)	6,000..... mm/min
Longitudinal feed (Z-axis)	1 - 6,000..... mm/min
Rapid motion, max. (Z-axis)	6,000..... mm/min

Tool slider

Number of tool slider	1
Number of position	3
Cutting force, max.	120,000..... N

Turret Head

No. of tool positions	4
Tool type	special cassettes
Cutting force, max.	100000 N

Tailstock

Center pressure, max.	30,000..... N
Center sleeve adjustment, max.	10..... mm

Machine description

ROLL TURNING LATHE

Machine type

NWDK 600 Le x 7000 CNC

HERKULES Kom. No.

90 480-321/07

Total weight, approx.

60 t

Year built

2008

Power consumption, approx.

315 kW

Noise level

< 85 dB (A)

Spare parts list

E 41.90480 - 81

Weight of the machine components (approx.)

Machine bed

18.5 t

Headstock with drive

14 t

Tailstock

6 t

Carriage with upper saddle

7.5 t

Switch cabinet, each

2.8 t