

TECHNICAL DATA
Cycle Lathe

manufacturer	SEIGER
type	SLZ 1000
control	SINUMERIK 840 D
built	2007



working area

turning diameter over bed/cross slide	1.000/650	mm
distance between centers	4.000	mm
movement cross slide	680	mm
bed width	750	mm
turning tool	40*40	mm

main spindle

spindle head DIN 55026	size 15	
spindle diameter in front bearing	360	mm
spindle bore	200	mm
power 100%/60% ED	37/52	kW
max. torque main spindle	6.000	Nm
speed range	3,55-910	Min ⁻¹

feed drives

feed power X 100% ED	20.000	N
feed power Z 100 % ED	30.000	N
rapid feed X	3	m/min
rapid feed Z	6	m/min

tailstock

quill diameter	160	mm
quill stroke	300	mm
quill taper	MK 6	

torque

X - axis	27	Nm
Z - axis	50	Nm

max. workpiece weight

between centres without steady	5.000	kg
between centres with steady	6.000	kg
between centres with two steadys	7.000	kg
flying mounted in faceplate	1.800	kg
focus distance	250	mm

measurement, weight

machine	8.500 x 5.000 x 3200	mm
weightmaschine	14.500	kg
weight covering	3.500	kg
weight additional hydraulic	300	kg
weight switch cabinet	1.000	kg

electric

voltage	400	V
nominal frequency	50	Hz
max. current consumption	200	A
supply voltage control	24	V
power consumption main drive	52	kW
power consumption pump	1	kW
pulsed lubrication, power consumption pump	0,22	kW
circular lubrication, power consumption pump	2,2	kW

accessories

- full cover closed at the top
- preparation for extraction system
- 4-fold tool turret manufacturer SAUTER
- boring bar holder mounted on cross slide
- hydraulic clampable tailstock
- 2 piece steady's, Ø 80 – 450 + Ø 440 – 800 mm
- 2 piece chip conveyor longitudinal – ejection right
- workroom doors automatically operated
- power chuck equipment without chuck
- coolant equipment with paper band filter
- control SINUMERIK 840 D incl. roughing
- **Machine will be delivered without chuck**