RM 800S
RM 800S / Y

RM 800S

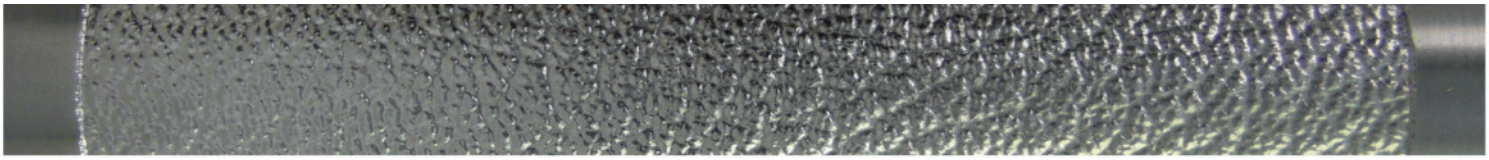
The professional machine for cylinder processing!

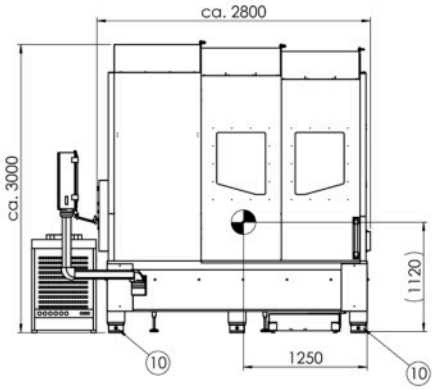
The RM 800S has been specially developed and designed for production of printing, cutting and embossing cylinders with a diameter from 40 up to 320 mm. The machine is characterised by a high flexibility with the selection of workpieces. The steplessly adjustable tail stock in X direction – counter support – permits the clamping of cylinders up to 820 mm between centers and therefore enables a treatment of the working range up to 600 mm length. The design of the machine allows to be loaded and unloaded with a crane.

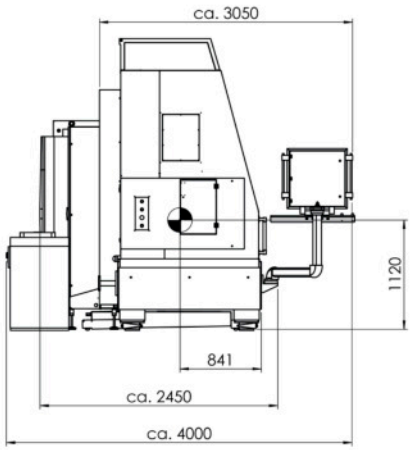
A granite portal construction, high precision guiding systems, as well as a lot of other equipments take care that no contour „loses it's shape". The machine is equipped with a 3-D output program LDRIVER of LANG, which enables a comfortable output of the milling paths.

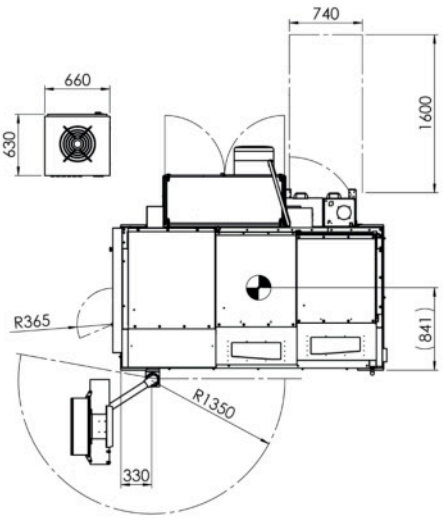
Standard equipment

- Tool length measurement system Blum Z-Nano
- Direct measuring system
- Andronic controller system
- Data backup package
- LDriver 6









Technical data	
Machine type	RM 800S
Working range X x Z [mm]	720 x 250 *(28,35" x 9,84")*
Working range Y [mm] (otional)	+/- 15 *(0,59")*
Cylinder diameter [mm]	40 - 320 *(1,57" - 12,6")*
Body length max [mm]	720 *(28,36")*
Journal diameter max [mm]	100 *(3,94")*
Feed rate (X/Z) max [m/min]	30
Feed rate (Y) max [m/min]	15
Feed rate (A) max [U/min]	100
Acceleration max [m/s²]	10
Spindle speed [U/min]	5.000 - 60.000
Spindle power [kW]	1,2 -10 kW
Load capacity max. [kg]	400 (depends on the used round axis)
Dimensions L x W x H [mm]	2.800 x 3.400 x 2.850 *(110,24" x 133,86" x 112,2")*
Weight of machine [kg]	8.000 (RM 800S)
Weight of machine [kg]	8.500 (RM 800S/Y)
Output software	LDriver
Options	4th axes
	Different spindle types
	Chain-type tool changer for up to 50 tools
	Disk-type tool changer for upt o 45 tools
	PC measuring optic, inspection camera systems
	Laser tool measurement Blum
	Edge probe OMP 40
	LANG Software package CAD & Design