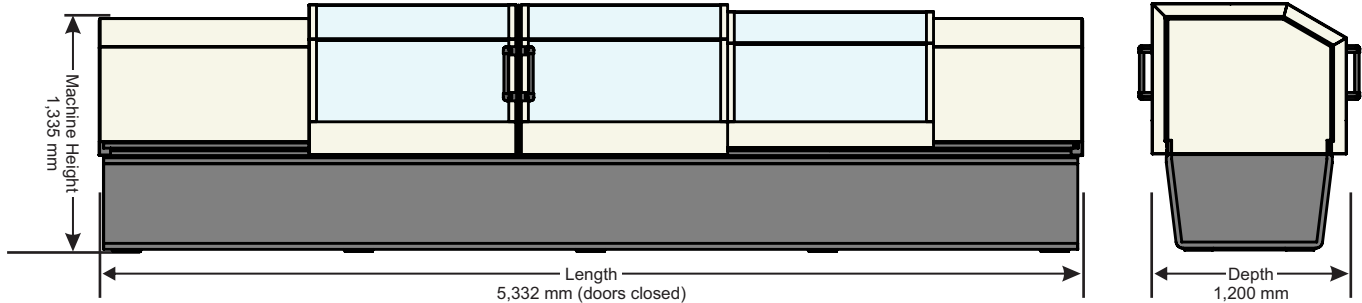


## Machine Dimensions and Weight

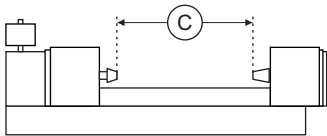
Weight: 5,442 kg



## Cylinder Fixturing Options

### Hollow Cylinder

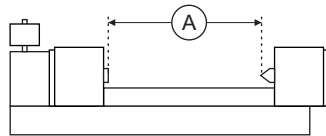
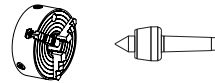
Headstock: Direct Cone  
Tailstock: Live Center



**Max Overall Shafted**  
(A) --  
**Max Face Length**  
(C) 2,750 mm  
**Bore range**  
55 - 120 mm

### Shafted Cylinder

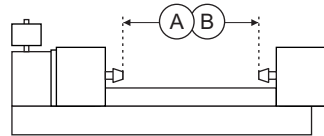
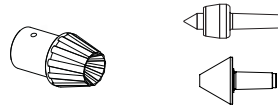
Headstock: 3-Jaw Chuck (200mm)  
Tailstock: Pointed Live Center



**Max Overall Shafted**  
(A) 2,800 mm  
**Max Face Length**  
(B) 2,500 mm  
**Chuck throat diameter:**  
55 mm  
**Shaft diameter**  
10 - 100 mm  
**Max swallow depth:** 79 mm

### Both Shafted and Hollow

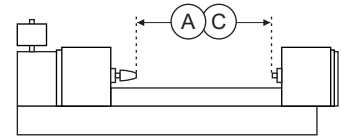
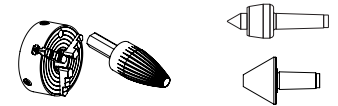
Headstock: Inner/Outer Cone  
Tailstock: Two Live Centers



**Max Overall Shafted**  
(A) 2,800 mm  
**Max Face Length**  
(B) 2,600 mm  
(C) 2,600 mm  
**Bore Range (diameter)**  
Outer 75 - 115 mm  
**Shaft diameter**  
Inner 26 - 68 mm

### Hollow Cylinders

Headstock: 3-Jaw Chuck with Cone/Arbor  
Tailstock: Two Live Centers

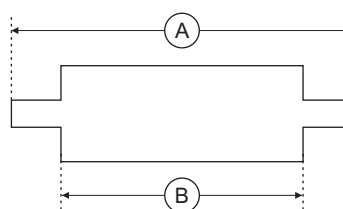


**Max Overall Shafted**  
(A) 2,700 mm  
**Max Face Length**  
(C) 2,500 mm  
**Bore Range**  
41 - 114 mm

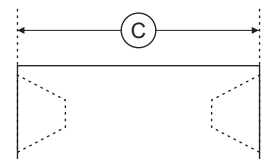
## Cylinder Data

Circumference range	350 - 1200 mm <sup>(1)</sup>
Weight maximum	500 kg
Allowable cylinder taper <sup>(2)</sup>	75 µm
Allowable runout	50 µm
Copper hardness	190 to 230 HV
Deviation of copper hardness	+/-5 HV

## Shafted Cylinders



## Hollow Cylinders



(1) Maximum physical cylinder sizes. Engraveable Circumferences depend upon applied engrave head, engraving frequency, screen, and screen angle range. See Site Survey 9800-3143 for complete machine details \*Weight does not include cylinder

## PRISM

ENGRAVER

### Machine Technical Data

Environmental Temperature	20 - 25°C, 40-65% relative humidity, non-condensing	
Heat dissipation	1.5kW	
Floor bowing under load	0.2 mm/m	
	Execution according to DIN 18202	
	Do not use intermediate floors or support beams as machine foundation	
Maximum allowable floor vibration	Peak to Peak Amplitude	Frequency
	3.8 µm	2 - 8 Hz
	2.5 µm	9 - 15 Hz
	1.5 µm	16 - 21 Hz
	1.0 µm	>21 Hz

### Connections

	Power	Voltage	FrequencyFuse
Power supply	5.00 kVA	1x220V +/- 3%	50/60Hz +/- 1%25A
	5.00 kVA	1x230V +/- 3%	50/60Hz +/- 1%25A
	5.00 kVA	1x240V +/- 3%	50/60Hz +/- 1%25A
Communication	Ethernet for Collage Interface. Internet connection, ideally via Collage computer, for TeamViewer remote support is strongly suggested		

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