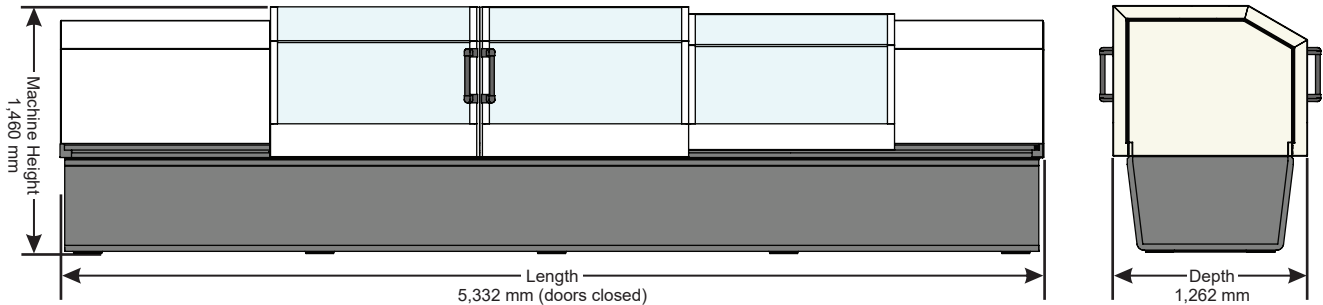


Machine Dimensions and Weight

Weight: 5,442 kg

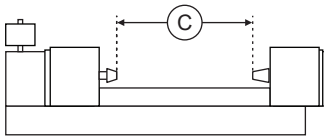


Cylinder Fixturing Options

Hollow Cylinder

Headstock: Direct Cone

Tailstock: Direct Cone



Max Overall Shafted

(A) —

Max Face Length

(C) 2,190 mm

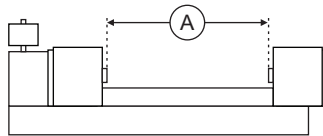
Bore range

55 - 125 mm

Shafted Cylinder⁽³⁾

Headstock: 3-Jaw Chuck (200mm)

Tailstock: 3-Jaw Chuck (200mm)



Max Overall Shafted

(A) 2,800 mm

Max Face Length

(B) 2,600 mm

Chuck throat diameter:

55 mm

Shaft diameter

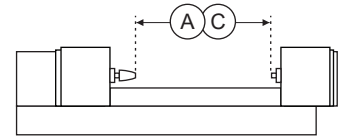
10 - 100 mm

Max swallow depth: 79 mm

Both Shafted & Hollow

Headstock: 3-Jaw Chuck with Cone

Tailstock: 3-Jaw Chuck with Cone



Max Overall Shafted

(A) 2,800 mm

Max Face Length

(C) 1,850 mm*

Bore Range

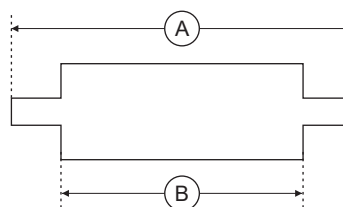
55 - 125 mm

* Depends on selected cone

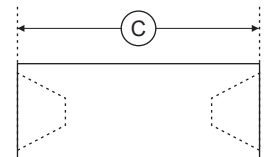
Cylinder Data

Circumference range	350 - 1500 mm ⁽¹⁾
Weight maximum	500 kg
Allowable cylinder taper ⁽²⁾	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.

(2) See Site Survey 9800-3143 for complete details.

(3) These values assume a shafted cylinder with 300 mm shafts on both ends. To ensure fit, your cylinder drawings must be sent to Ohio GT.

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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