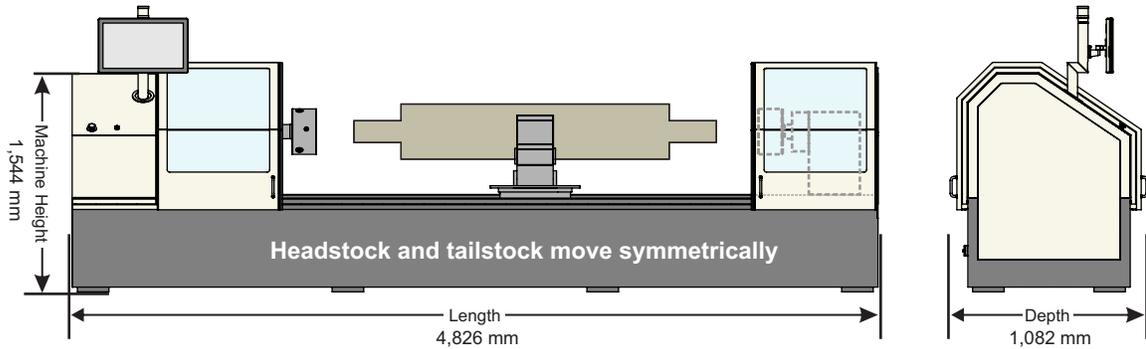
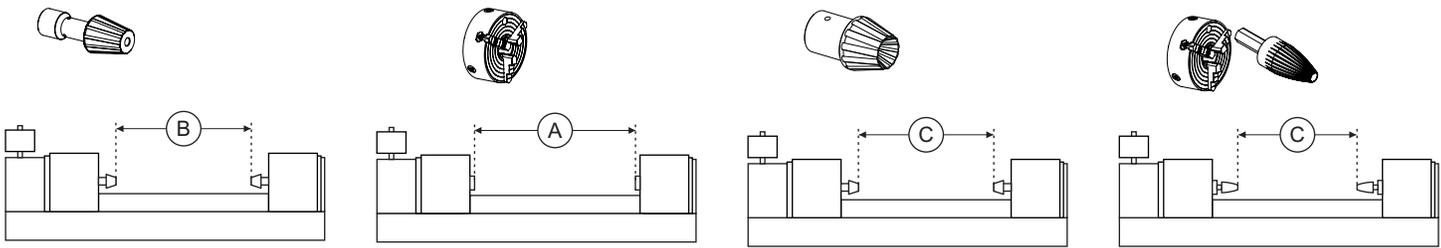


## Machine Dimensions and Weight



## Cylinder Fixturing Options

Hollow Cylinder	Shafted Cylinder	Both Shafted and Hollow	Hollow Cylinders
Direct Cone	3-Jaw Chuck 200 mm (8 inch)	Inner/Outer Cone	3-Jaw Chuck with Cone/Arbor



### Max Overall Shafted

(A) —

### Max Face Length

(C) 2300 mm

### Bore range

55 - 125 mm

### Max Overall Shafted

(A) 2350 mm

### Max Face Length

(B) 1750 mm

### Throat diameter

55 mm

### Shaft diameter

10 - 100 mm

### Max swallow depth

79 mm

### Max Overall Shafted

(A) 2350 mm

### Max Face Length

(B) 1750 mm

(C) 2200 mm

### Bore Range (diameter)

Outer 75 - 115 mm

### Shaft diameter

Inner 26 - 68 mm

### Max Overall Shafted

(A) --

### Max Face Length

(C) 2000 mm

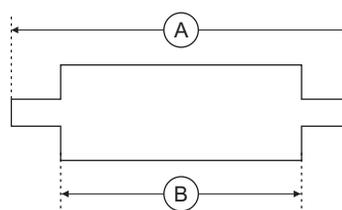
### Bore Range

41 - 114 mm

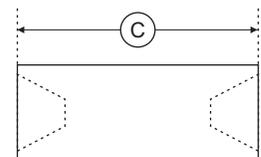
## Cylinder Data

Circumference range	350 - 1500 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.  
 (2) See Site Survey 9800-3143 for machine weight and other details

## GRAVOSTAR SPECTRUM

PACKAGING 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
Compressed Air	Minimum pressure of 586 Kilopascals or KPa (85 PSI). Minimum reserve capacity: 19 liters (5 gallons) per engraver. Only for Automated engraver		
Communication	Ethernet for Collage Interface. Internet connection, ideally via Collage computer, for TeamViewer remote support is strongly suggested		

Ohio Gravure Technologies Inc. • 1241 Byers Road • Miamisburg Ohio 45432 • USA  
 +1 937 428 1700 • sales@OhioGT.com • www.OhioGT.com