

GRAVOSTAR 1212S

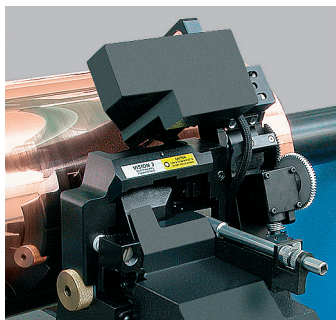
ENGRAVING

We added a new model to the latest **GRAVOSTAR** generation: The **1212S** is specifically designed to meet the requirements of users with compact cylinder sizes.

High Performance

- The **GRAVOSTAR 1212S** is equipped with our **VISION 3** high-speed engraving head, which guarantees the highest possible efficiency. All screens up to a depth of 60 micron can be engraved at the full speed of 8 kHz.

- Thanks to the sturdy construction and its integrated feedback system, the **VISION 3** head produces a perfect cell size stability, resulting in a homogeneous print density throughout the cylinder length, even with coarse screens! Its unique high torque technology sets the standard in cell geometry, for a perfect ink transfer in printing. The head's high dynamics grant a sharp and detailed linework reproduction.



Microscope camera in line with stylus

High Productivity

- When engraving compact cylinders with short engraving cycles, the setup time between cylinders is significant for your productivity. The built in microscope is in line with the stylus and maintains its focus throughout the cylinder circumference range and thus eliminates the time needed for searching the testcut and focussing. Our patented **EasyCell®** system makes adjusting the cell sizes a matter of seconds.



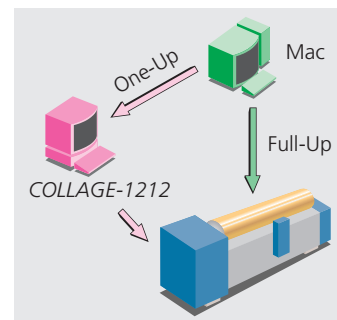
Tilttable touch panel

Quick Installation

- The embedded data interface allows for quick installation: The **GRAVOSTAR 1212S** either engraves Full-Up TIFF or PostScript layouts, or permits layout creation in a few simple steps from One-Up files. The engraving data is being processed in real time while running the engrave job, eliminating wait time. Selection of the job takes place either directly on the machine or on the repro system.

Reliable Operation

- Using first-class research and manufacturing capabilities, the concept of the new **GRAVOSTAR 1212S** is based on the latest technology and components. The advanced Linux operating system on standard Intel hardware permits software or function upgrades and remote diagnostics via modem or internet; no matter where the machine is located.

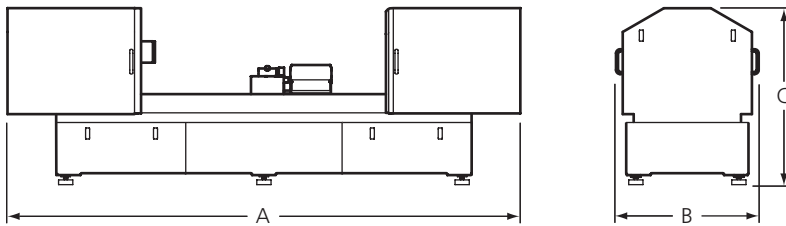


Different workflows possible for different needs

- The carefully selected, precision mechanical parts for the entire machine permit a continuous operation, 24 hours a day, year-round, with very little maintenance.



GRAVOSTAR 1212S



Machine Dimensions

Type	1212S	
Machine Length A	3'500 mm*	*4'320 mm when doors open
Machine Depth B	1'202 mm	
Machine Height C	1'490 mm	

Cylinder Dimensions

	Shafted Cylinder	Hollow Cylinder	
Face Length min.	200 mm	200 mm	
Face Length max.	1'200 mm	1'200 mm	
Total Length min.	600 mm	–	
Total Length max.	1'620 mm	–	
Circumference min.	270 mm	270 mm	
Circumference max.	1'200 mm	1'200 mm	

Cylinder Weight max.: 500 kg

Electrical Data: Power supply: 1 x 110 to 240 V \pm 3 %, 50 or 60 Hz
Power consumption: 4.8 kVA

Options:

- VISION 3 multi-engraving head with extended screen / frequency range
- Network printer to print-out cell pictures and measurements

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INNOVATIONS FOR THE PRINTING INDUSTRY