

# INGENIO GRAVIO 90200

Pneumatically driven laboratory gravure printing machine for precise testing of inks and coatings on various substrates. With adjustable speed and contact pressure, the machine allows for reproducible test results under near-production conditions.

Optional add-ons include a material roll holder for continuous substrate feeding and a contact pressure measurement system, which uses sensors to ensure consistent pressure. This is especially useful when comparing results across multiple machines or standardizing test procedures.

- Flatbed print surface
- Low ink consumption
- Customized printing cylinders
- Quick change printing cylinders
- Adjustable contact pressure for different substrates
- Simple cleaning process



## TECHNICAL DATA

### Machine dimensions

- Length: 209 cm
- Width: 80 cm
- Height: 125 cm

### Printing cylinder

- Diameter: 90 mm
- Cylinder width: 200 mm
- Maximum printing width: 175 mm
- Maximum printing height: 282.74 mm

### Substrate

- Material width: 180 mm
- Material length: 1200 mm

### Cylinder rotations

3 cylinder rotations

### Speed

8 m to 18 m/min

### Ink consumption

3-5 ml ink per print

### Air pressure

6 bar to 8 bar

### Optional

- Material roll holder: Enables simplified material feeding from roll stock instead of precut sheets
- Contact pressure measurement system: Integrated sensors on both sides of the cylinder flaps; readout in nanometers via display unit for consistent setup and machine-to-machine comparability