



## GIORIA the future is getting closer

The GIORIA universal grinding machine with external/internal grinding wheel model R/162 - 3000 CNC is used to grind rollers in general as well as printing and die-cutting cylinders and cylinders and side rings used in packaging printing machines.

Processing: OD/ ID and taper, cutting profiles of die-cutting cylinders, shoulders.

Distance between centres: 3000 mm

Maximum OD diameter: 800 mm

Minimum and maximum ID: 90/560 mm

Load capacity between centres: 4000 kg.

The grinding machine is equipped with three grinding wheels on a continuously adjustable turret with absolute encoder for encoding the angular position.

Grinding wheels on turret:

1. OD wheel 915 x 100 x 304.8 mm
2. OD wheel 600 x 30 x 304.8 mm
3. ID wheel 300 x 50 mm interchangeable with wheel 70 x 30 mm

Acoustic sensor for dressing

Automatic and dynamic balancing of the two OD grinding wheels

CNC Siemens Sinumerik 840D

Operating software: GIORIA HMI

Linear and rotary encoders Heidenhain

CNC axes

Z longitudinal movement grinding wheel carriage

X transversal movement of grinding wheel slide

B continuous angular turret positioning with 36000 °

