

Doimak

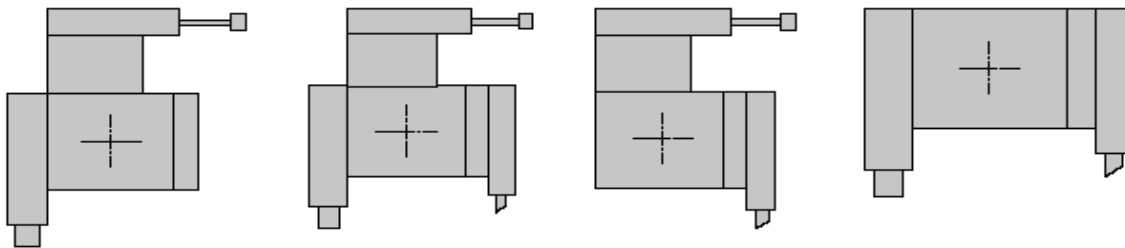
MULTIFUNCTIONAL CYLINDRICAL GRINDING MACHINE : RCN-G



DOIMAK machine, RCN-G, is a last generation grinding machine designed for grinding cylindrical workpieces:

The main features of this model are:

- Automatic wheel head rotation axis to allow multiple operations during the same clamping.



- High flexibility and productivity.
- High accuracy.
- Easy to use. Operator interface is performed by means of graphical masks.

TECHNICAL DATA

STANDARD

- Distance between centres: 1000 ÷ 3.000 mm.
- Maximum diameter: 600 mm.
- Angular positioning: -15/+225°.
- Maximum wheel size: 760 mm.
- Wheel head power: 22/37 kW.

TABLE

- Digital servomotor and ball screw.
- Encoder.
- Displacement guideways.
- Max. speed: 10.000 mm/min.

WORK HEAD

- Spindle driven by digital motor.
- Hydrodynamic bearings.
- Max. speed 750 rpm.
- Rotating base (+ 45°).
- Possibility of fixed or rotary centres.

TAILSTOCK.

- Device for taper correction.

WHEEL HEAD SLIDE:

- Digital direct servomotor and ball screw.
- Glass scale.
- Displacement guideways.
- Max. speed 5000 mm/min.

ROTATING SLIDE

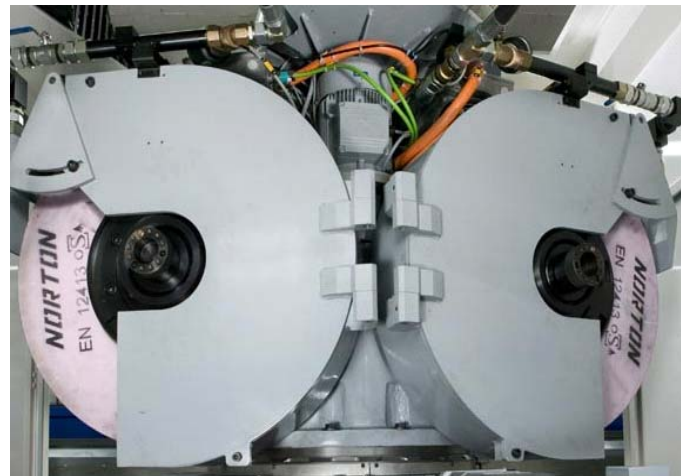
- Automatic angular positioning between -15/+225°.
- Possibility of integration different solutions in function of customer requirements:
- Two spindles for external grinding
- Internal-external grinding.
-

WHEEL HEAD FOR EXTERNAL GRINDING

- Hydrostatic bearings.
- 11 kw A.C. motor with belts transmission.
- 35 m/s cutting speed.

WHEEL HEAD FOR INTERNAL GRINDING.

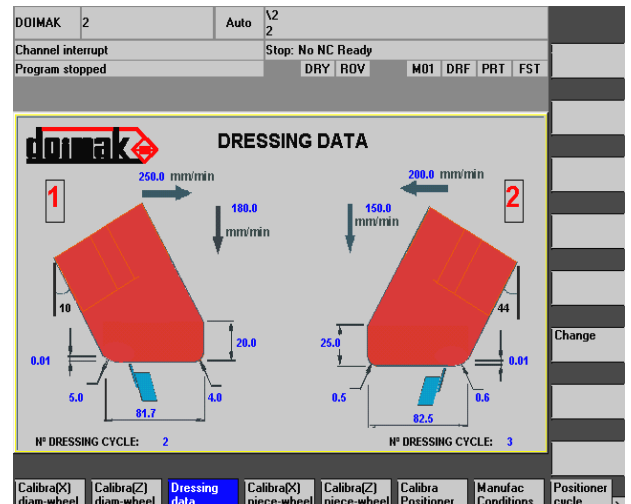
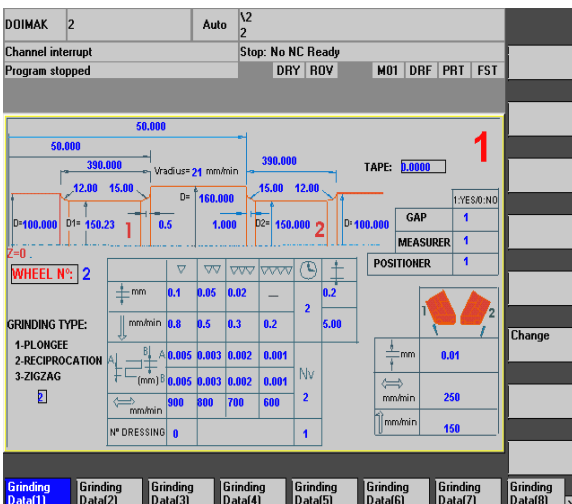
- 2'2 KW AC motor.
- 12.000 r.p.m.



**CNC CONTROL
SIEMENS SINUMERIK 840 D**
Two lineal axes and one swivel axis.

SOFTWARE

It is arranged with a set of auxiliary programs, all of them actioned by a parametric main program.



Pol. Ind. San Lorenzo, nº 4. .Apdo. P.O. Box 11
20870 ELGOIBAR-GUIPUZCOA-SPAIN
 Tel: 00 + 34 943 74 33 00
 Fax: 00 + 34 943 74 32 16
webmaster@doimak.es www.doimak.es