

Doimak

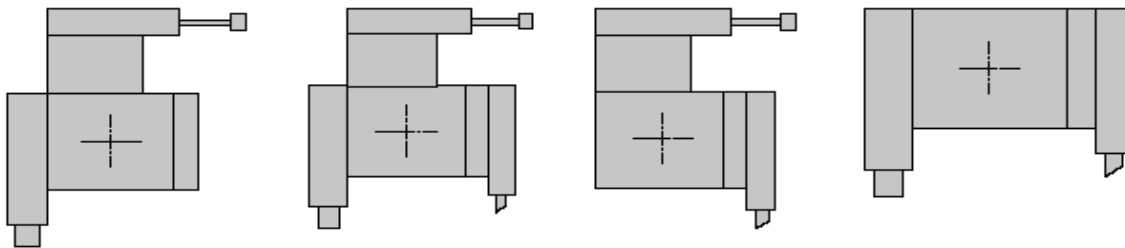
MULTIFUNCTIONAL CYLINDRICAL GRINDING MACHINE : RCN-G



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

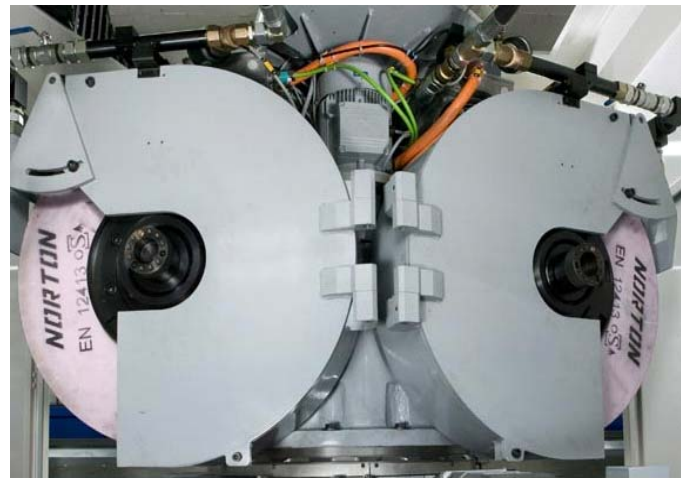
- Automatic angular positioning between -15/+225°.
- Possibility of integration different solutions in function of customer requirements:
- Two spindles for external grinding
- Internal-external grinding.
-

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.



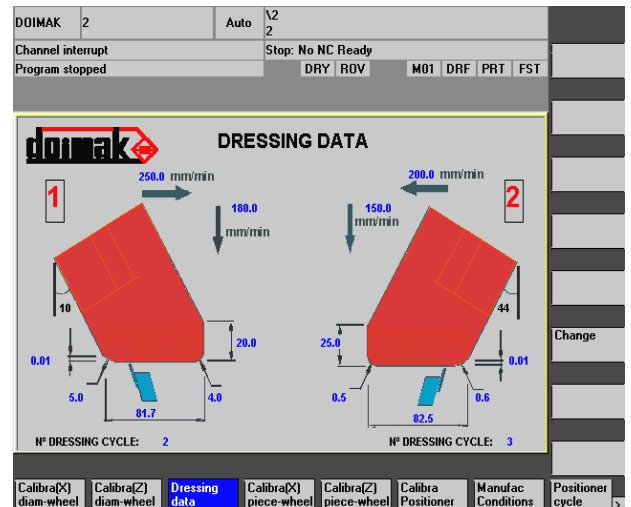
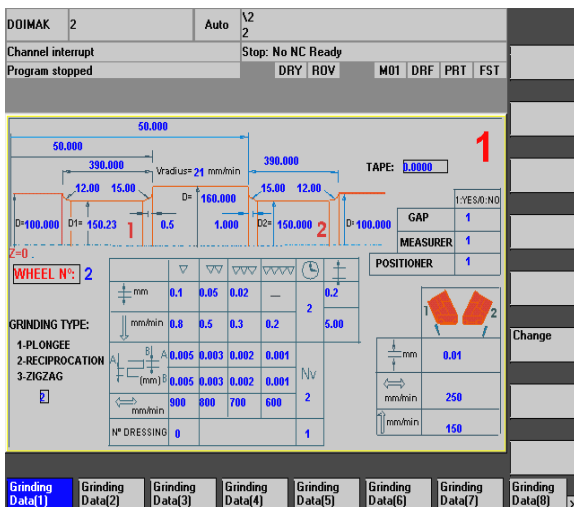
CNC CONTROL

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.



DOIMAK - 20870 ELGOIBAR-GUIPUZCOA-SPAIN

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JONES & SHIPMAN PRECISION LIMITED

Tel: 0044 (0) 116 201 3000

Fax: 0044 (0) 116 201 3002

website: JonesShipman.com/doimak_1.php