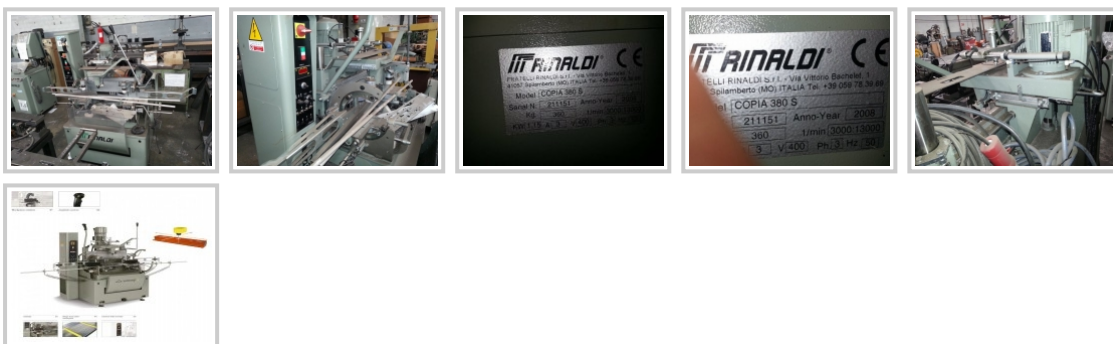


Pantograph copier for Aluminum Rinaldi Copia 380 S

General Specifications:

- **Type:** Pantograph copier
- **Manufacturer:** Rinaldi
- **Model:** Copia 380 S
- **Manufacturing date:** 2008

Images:



Specifications:

The copier pantograph COPIA 380 S single head model is a router that allows work on parts of aluminum, PVC and metal carpentry. The user running the job manually , following the edge of the figure reproduced in the pattern using the stylus tip .

The machine consists of a base plate bent to pressure on which is fixed a base plate bent to pressure on which is fixed a base for the team, which may be manually moved by the x, y, z ; displacements , which are manually run through indirect levers are carried on tempered bars and ball circulating bushes .

You can unlock the team that normally is blocked on height (Z axis) , pressing a knob sustained action to raise or lower it.

The mandrel driven by a belt , is driven by an induction motor fed by an electronic speed .

Using as the mechanical limit , which can be adjusted along the z-axes , can be performed job types that are not present in the pattern , such as grooves .



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The piece can be locked by two horizontal and two vertical pneumatic grips equipped with a device that restricts the initial closing pressure at 3 bar, the pressure increased to 6 bar actuated only after the dual controls for motor starting , and there are these two valves that prevent the jaws from opening if the pressure drops suddenly .

The probe , whose tip is the figures recorded in the pattern , you can navigate to locate the Y axis in the desired position figures to be performed on the part. This displacement may be performed either manually , either by a valve pneumatically . Can also memorize the positions along desplazamineto largdo regulating mechanical stops excludable .

Manually turning the surface with jaws in its housing sectors of 90 ° , it is possible to work the four faces of a piece without having to unlock the jaws. It can also work on ldos opposite sides of the part remaining on the shaft without having to make other regulations. This is sufficient for displacing the surface with grips along the axis of rotation within the housing . These characteristics ensure speed and accuracy in work.

The grassy cooling is performed while the job is running and is obtained by a misting system variable flow op formed a nebulizer air coolant .

A minimum pressure switch stops working if the pressure of the jaws drops to a value below 3 bar.

During the work the user is protected by a protective polycarbonate , which is activated as the default engine is arranca , rising to protect the work area . When the engine returns to the inicial position.

The work may be performed by a single user, located in the front of the machine, to be used both arms.

TECHNICAL DATA

Manufacturing year: 2008

Power supply: 400 Vac, 3, 50 Hz

Power: 0.8 KW



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Inverter three phase asynchronous motor (V / KW): 400 / 0 , 75

R.p.m. : 950-3800

Mandrel speed : 3300-13300

Displacement of work longitudinal axis x (mm) : 380

Shift work longitudinal axis (mm): 150

Displacement of work longitudinal axis z (mm) : 140

Minimum / Maximum distance between the work surface and the mandrel (mm): 65/205

Maximum capacity gag without tool (mm): 125 x 110

Minimum / maximum diameter of the toolholder clamp (mm): 2/12

Working pressure : 6-7 Bar

Air consumption per cycle: 18 (NI / min)

Machine Dimensions : 1300x950x1600H

Dimensions of the machine with rollers : 1900x950x1600H



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Weight: 370 Kg

Volume: 2.55 m3

Workable Material: contoured aluminum / steel / pvc