



## GF 171

Complementary machines



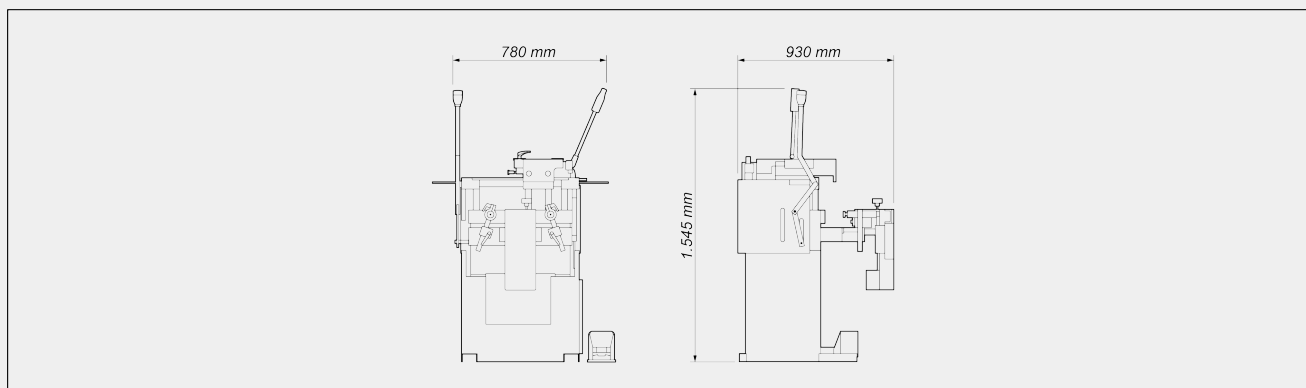
**GF171**

The handle drilling unit with a 3-spindle boring head and automatic feed makes it possible to machine in two planes without re-clamping the material. The height of this unit can be adjusted. Door machining is possible. Copy routing using side stops or templates at a ratio of 1:1. Pneumatic tracer point with two levels for two different cutter diameters. The "Spindle Lock" feature makes tool changing easy. Pneumatic material clamping unit. Options: GF 171/10 with centring unit for a centered handle position; GF 171/11 with right and left stop system for a consistent handle position; additional pneumatic tracer points (for optimal utilisation of the template); hydro-pneumatic feed with rapid mode; collets; special material clamping units; stop systems; routing and drilling tools.



### GF 171 / COMPLEMENTARY MACHINES

#### LAYOUT



The overall dimensions may vary depending on the product configuration.

#### WORK AREA

Milling range horizontal after stop (mm)	300 x 120
Milling range horizontal according to copy template (mm)	285 x 110
Clamping range of the profiles with drilling unit (mm)	150 x 130
Milling stroke (mm)	105
Three-spindle drill head height adjustment (vertical mm)	40

#### DIMENSION AND WEIGHT

Width (mm)	780
Depth (mm)	930
Height (mm)	1.545
Weight (kg)	230

#### MOTORS

Three-phase asynchronous motors	2
Milling motor power (KW)	0,74
Milling motor speed 50Hz (r.p.m.)	2.800
Milling motor speed 60Hz (r.p.m.)	3.400
Drilling motor power (KW)	1,05
Drilling motor speed 50Hz (r.p.m.)	2.800
Drilling motor speed 60Hz (r.p.m.)	3.400
Milling spindle vertical speed 50Hz (r.p.m.)	12.000

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The right to make technical alterations is reserved.

**MOTORS**

Milling spindle vertical speed 60Hz (r.p.m.)	14.400
Drilling spindle horizontal (three-spindle) speed 50Hz (r.p.m.)	750
Drilling spindle horizontal (three-spindle) speed 60Hz (r.p.m.)	900

**TOOLS**

Collets for milling cutter diameter (mm)	5 - 10
Collet chuck Ø 8 mm	1
Diameter copying pin 2-stage (mm)	5 / 8
Diameter drill with M10 threaded hole (the 2 outer drills are clockwise) (mm)	8 - 13
Diameter drill with M10 threaded hole (the middle drill is left-turning) (mm)	8 - 15
Copying pin left	●
Second copying pin right	○
Blank copying template	●

**EQUIPMENT**

Roller conveyor (only GF 171/00)	○
Connecting plate roller conveyor / measuring system (only GF 171/00)	○
Vertical clamping device	○
Horizontal clamping device	●

**ELECTRICAL CONNECTION**

Connected load (KW)	0,74 - 1,05
Maximum backup fuse 240V 60Hz (A)	15
Maximum backup fuse 400V 50Hz (A)	10

**PNEUMATIC CONNECTION**

Pressure (bar)	7
Hose connection	DN10
Compressed air consumption (7 bar) per working cycle (without spraying) (l)	12

Included ● Available ○