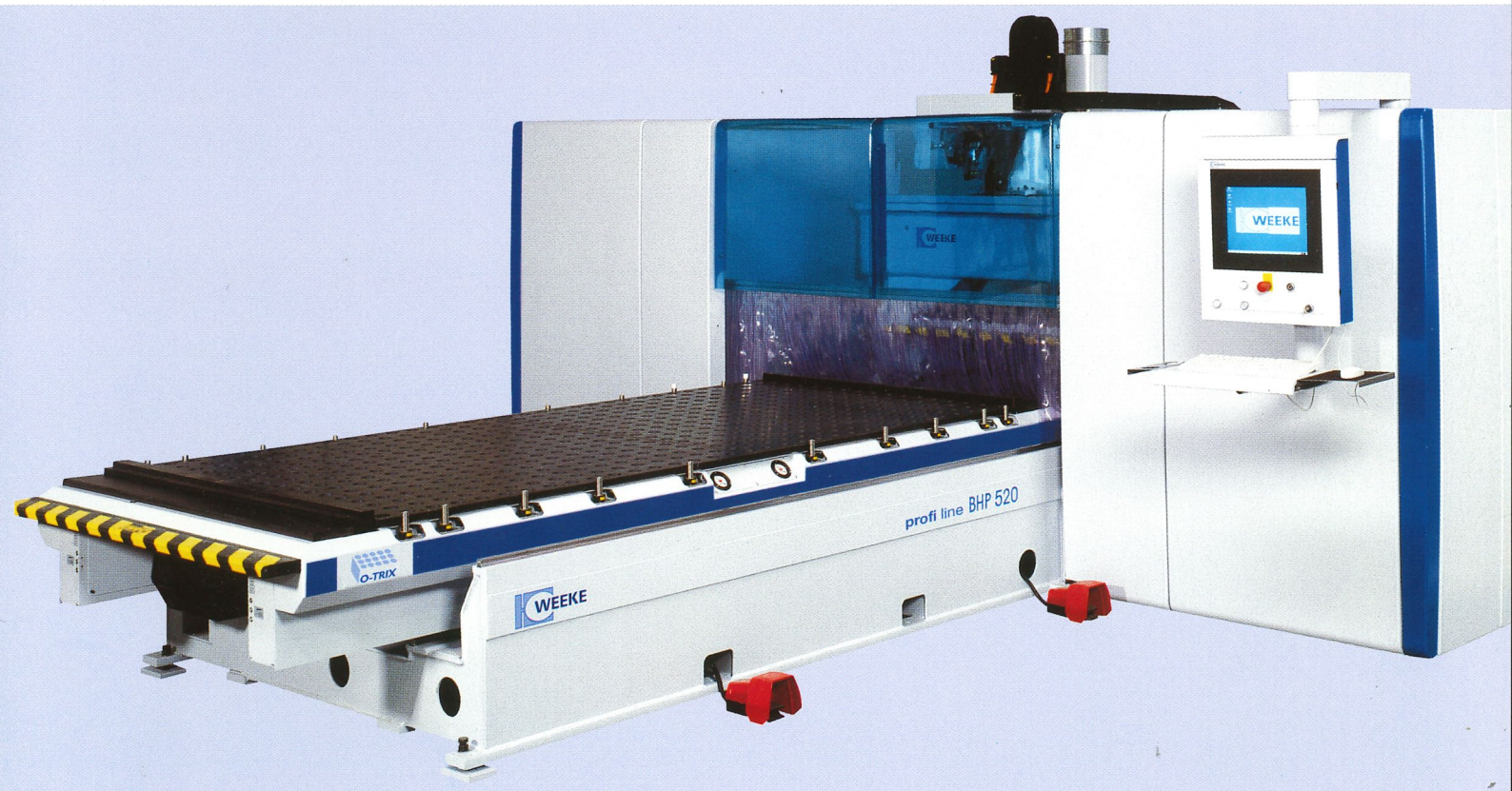
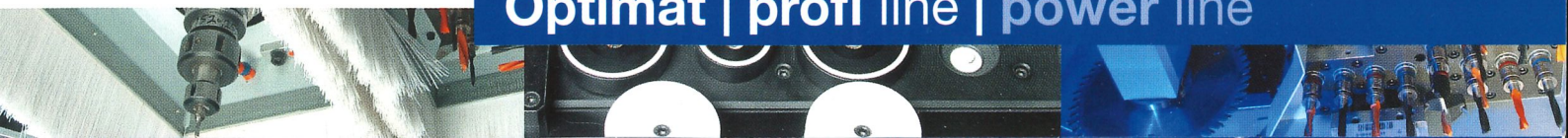


CNC-Gantry Processing Center BHP 520



Optimat | profi line | power line





Pictures with kind permission of VJohncentrum Zürbruggen El - Germany

Processing faster than ever!

With our BHP 520 we present you a product which stands out primarily through its speed and through the large processing area and at the same time requires only minimum space. The additionally optimised loading logistics reduce your set-up times to a minimum.

The Shuttle-System, the new O-Trix-Clamping technology and the rapid traverse speed (*150/100/30 m/min X/Y/Z) in this combination, are an absolute Unique Selling Proposition (UPS) and secure highest quality in all work processes even at this high tempo.

„Shuttle-System“ means, that both tables (each 3050 x 1525 mm) on 2 levels can be driven underneath each other. A thoroughly loaded table in the secured processing cell can hereby be completely processed while the other table which is outside of the cell is unloaded and then reloaded again.

Making no difference between a carcass manufacturer, store manufacturer, manufacturer of kitchen furniture or office furniture, special MDF-fronts, chipboard processor or manufacturer of complex components in the solid

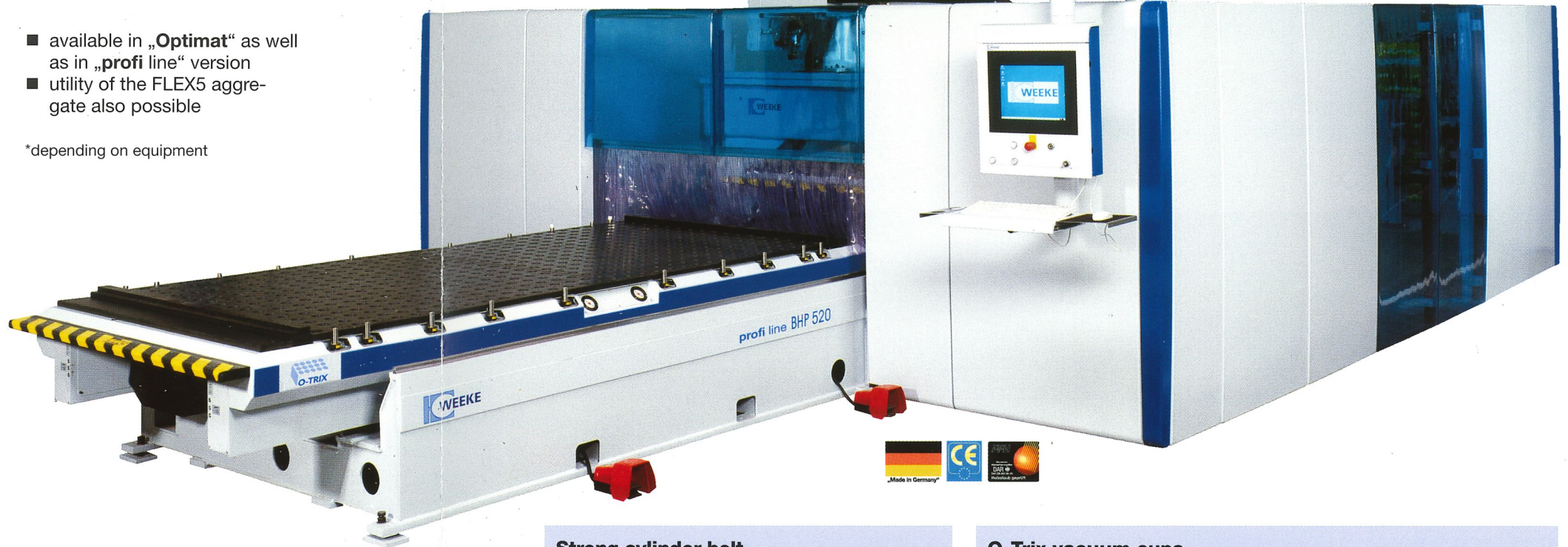
wood processing range; this machine will attract your enthusiasm.

An overview of the Highlights:

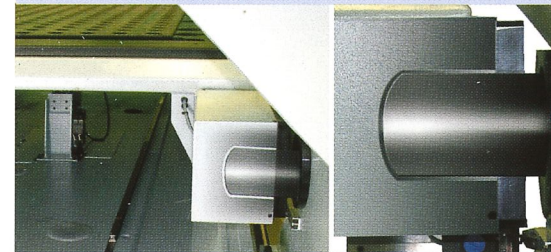
- working fields: 2x (3050 x 1525 mm) (120.08 x 60.04 inches)
- rapid traverse speed in X/Y/Z = up to *150/100/30 m/min
- 2 synchronized drives in X -> highest precision in high-speed movement
- powerful 9-15* kW / 12,07-20,12* HP routing motor
- 8-fold tool changer (option: additional 18-fold changer)
- Shuttle-System
- 2 working fields with the O-Trix-clamping system
- O-Trix guarantees strong and safe clamping of large as well as smaller parts
- through the O-Trix vacuum cups individual processing can be realized
- loading and unloading of the inactive table - possible from 3 sides
- optimal for all nested base processings
- optionally extendable by our modular system
- proven WEEKE-Software ensures simple handling and a stable and optimized work flow

- available in „Optimat“ as well as in „profi line“ version
- utility of the FLEX5 aggregate also possible

*depending on equipment

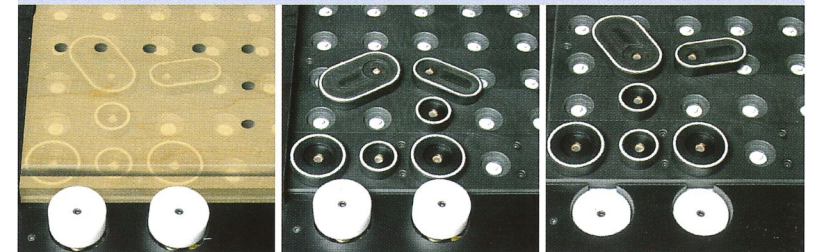


Strong cylinder bolt



Ensures the precise movement of the tables

O-Trix vacuum cups



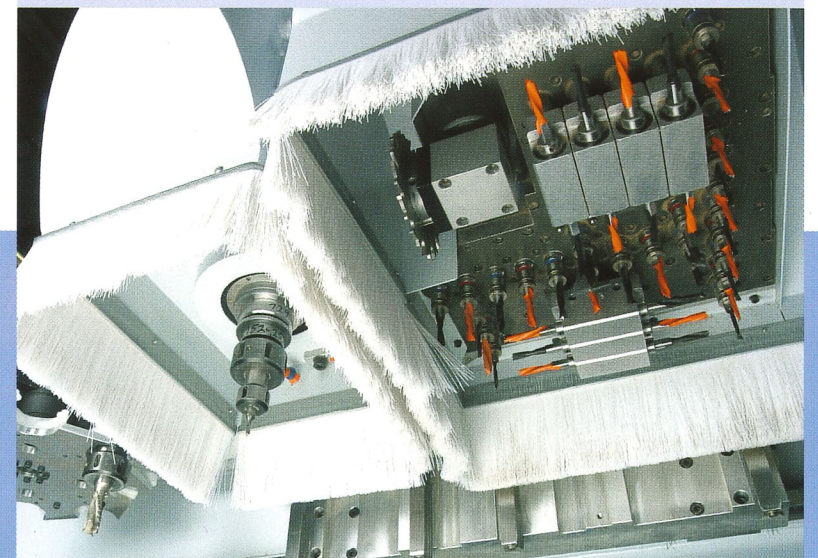
Ensure strong and safe clamping even of smallest work pieces

Shielded working cell



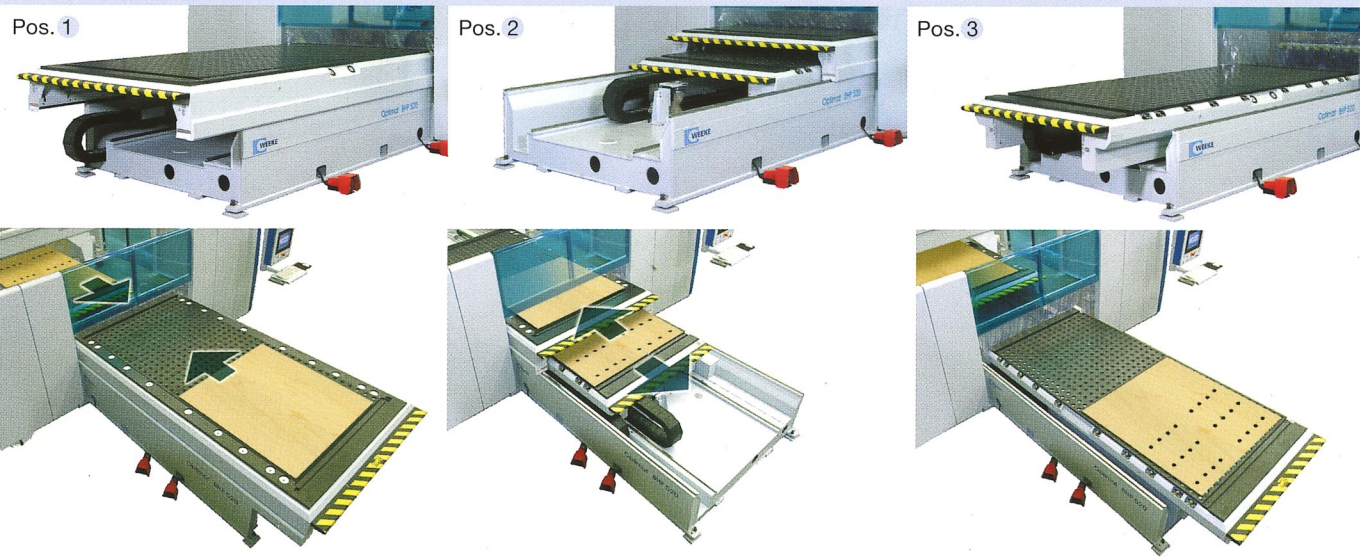
Guaranteed highest safety standard and an all around protection

Example of a configuration



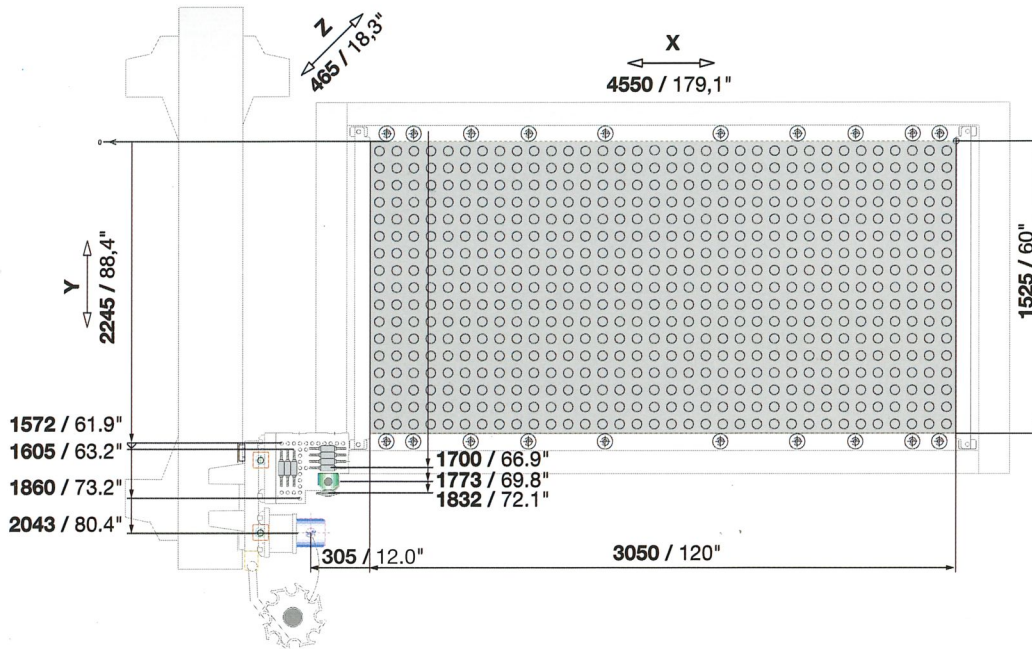
9 kW / 12,07 HP routing motor - 25 vertical, 14 horizontal spindles - 8-fold tool changer in X and Y direction - swivelable grooving saw (0-90°)

»Shuttle«-System



The exceptionally fast change in position of the Shuttle secures a continuously smooth work flow - 1 table can be completely unloaded and reloaded while the other is processed completely.

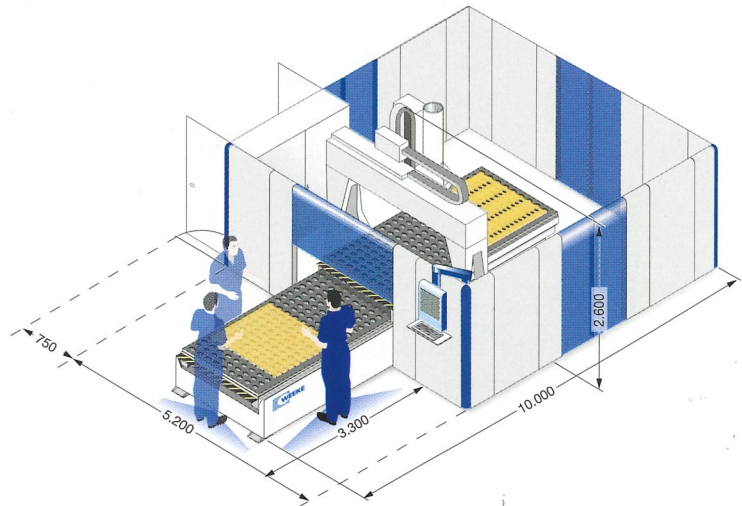
BHP 520



mm / inch

TECHNICAL DATA

Travel range X - Y - Z	mm	4.550 - 2.245 - 465
Rapid traverse speed X / Y / Z	m/min	150 / 100 / 30 *
Compressed air connection	inch	R ½
Compressed air required	bar	6 bar
Dust extraction port	mm	Ø 250 mm
Dust extraction volume	m³/h	min. 4.950
Total machine weight	kg	appr. 12.000
Processing thickness	mm	100
Length of workpieces X	mm	3.050
Width of workpieces Y	mm	1.525



*depending on equipment | Info: Other working lengths on request. Setting-up dimensions refer to our standard machine versions.

NOTE: Equipment as described in this brochure is subject to technical changes and further developments. Some photos show options which are not included with the standard machine configuration. Technical data refer to standard equipment and are not binding for the order.



WEEKE Bohrsysteme GmbH

Benzstraße 10-16
 33442 HERZEBROCK-CLARHOLZ
 GERMANY
 Tel.: +49-5245-445-0
 Fax: +49-5245-445-139
 info@weeke.de | www.weeke.de