

INFO

new machine concept

OPUS – the new standard for the woodworking trade

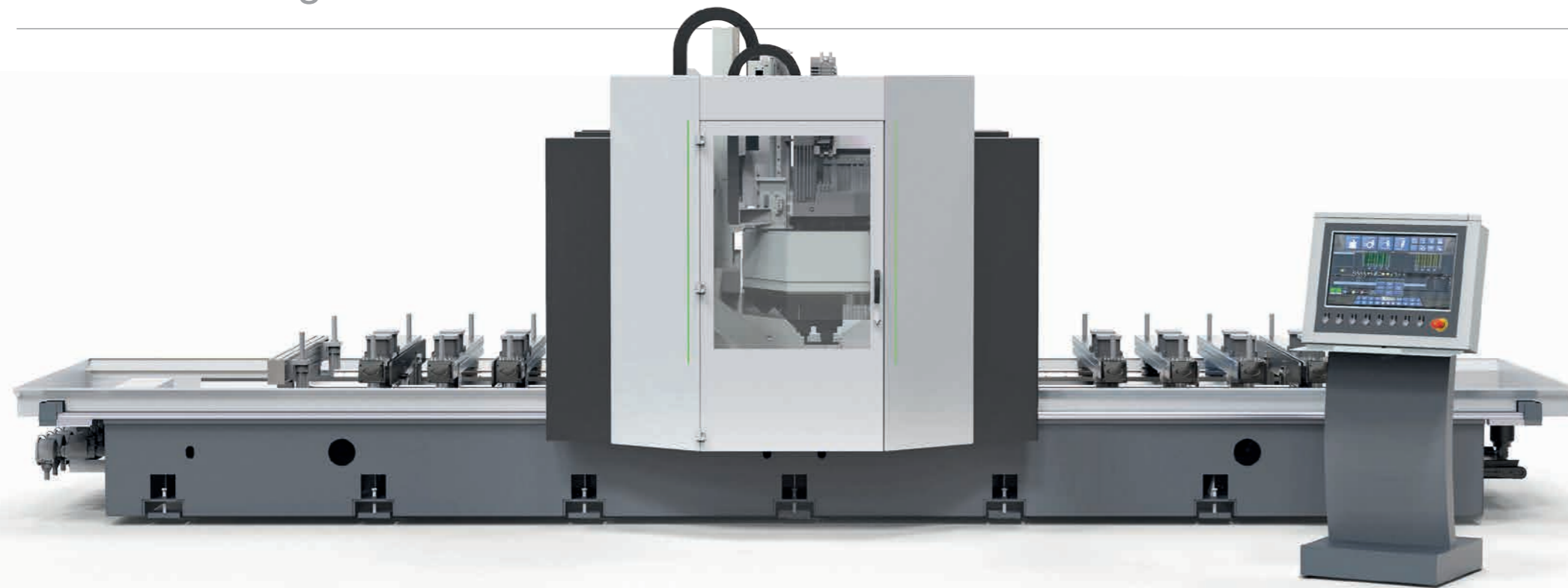


*Entry-level machine with
first-class CNC performance*

*CNC machining centres
for the highest demands*

HAMUEL
REICHENBACHER
Members of the SCHERDELGroup

CNC machining centre OPUS



THE OPUS SYSTEM

- **Compact design**
Height max. 2,660 mm
- **Standard components**
Schmalz vacuum technology
- **First-class service**
– Experience & competence
– Reichenbacher / Amyon
- **Intuitive operation**
WOP interface on 24" touch screen
NC-HOPS
- **High flexibility**
5-axis machining with 12 or 15 kW spindle
- **Efficient drilling**
Drilling unit with 16 drilling spindles
- **Convenient loading**
Safety system in bumper design, no step mats,
no protective fence
- **Attractive price**

In order to understand the customers' requirements, you have to gain a comprehensive insight: you have to listen, to query and to think outside the box – this is the only way to develop visionary machine solutions. The 5-axis CNC machining centre OPUS makes it easy for the woodworking trade to get started with innovative CNC technology. Since behind this universal machine is the high-quality performance of Reichenbacher Hamuel.

Handicraft businesses with rather limited space in the workshop will be thrilled, because this is precisely where the OPUS is unrivalled. Thanks to its compact design and the typical Reichenbacher safety concept with bumpers, the system is a real space saver and at the same time permits free accessibility for the loading and operation of the machine.

Joiners and carpenters sometimes are in charge of very individual projects. Tailored to fit this requirement profile, the OPUS offers clearly defined technical specifications. Its industrial controller equipped with NC-HOPS, the leading user programme in woodworking, which allows for the easy and safe programming even of complex components, immediately catches the eye.

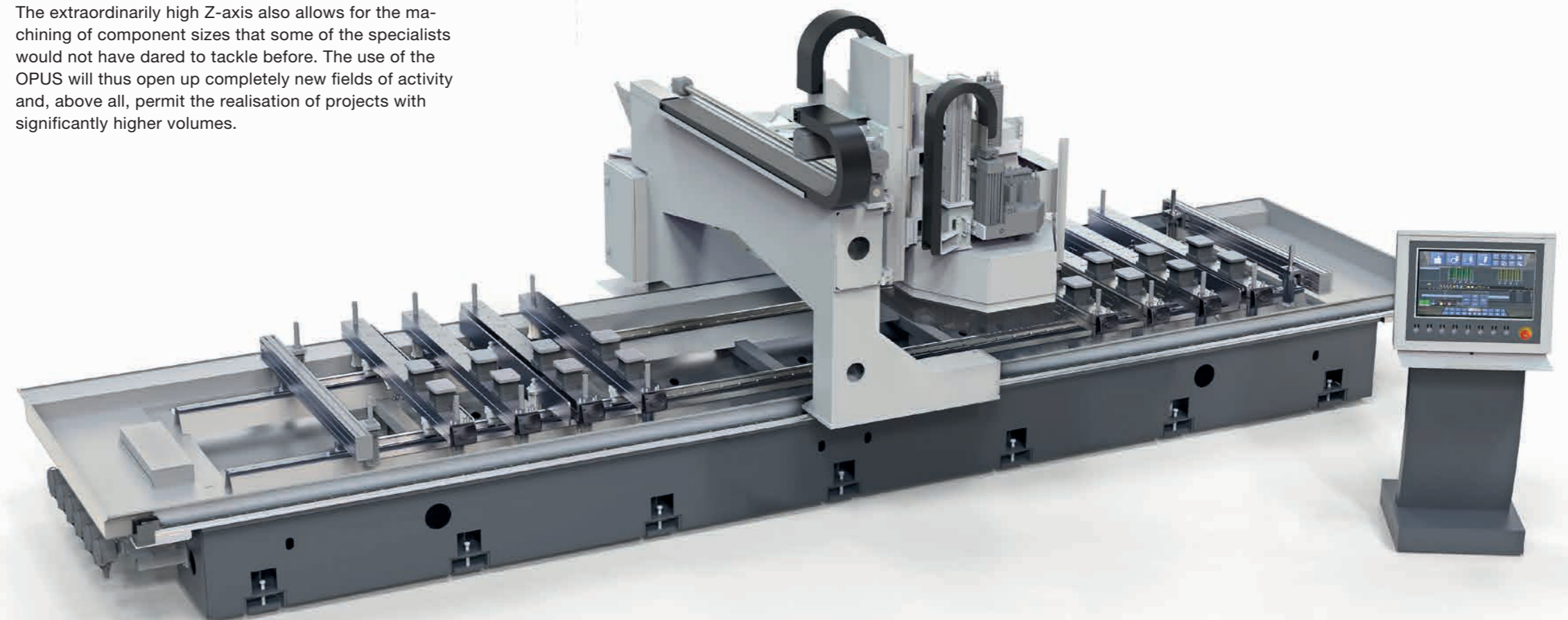
For part clamping, the customer can choose between a manual beam table from Schmalz and a grooved table. The unit is always equipped with a suitable vacuum supply system that permits the adaptation of all customary clamping devices from Schmalz.

This 5-axis machine guarantees technological progress, as you work faster, more flexibly, more precisely and, thanks to mechanisation, more competitively. The robust working unit and the high inherent rigidity of the machine portal enable machining at high dynamics and at the same time guarantee an excellent surface quality.

The extraordinarily high Z-axis also allows for the machining of component sizes that some of the specialists would not have dared to tackle before. The use of the OPUS will thus open up completely new fields of activity and, above all, permit the realisation of projects with significantly higher volumes.

For craft businesses, this machine also scores in terms of reliability and investment security in the long term: you can rely on still receiving the same components, such as motors and plugs, in 10 to 15 years' time. The OPUS is therefore reliable for a very long time.

Not to mention the favourable service costs and the availability of after-sales service from the two established German companies behind it. The integrated remote maintenance package, which enables quick and easy support via Teamviewer, perfectly rounds off this performance.



Technical data

OPUS	Basic concept of the machine
Aggregates	5-axis milling unit with cardanic spindle
Additional equipment	16-place multi-spindle drilling gear Blasting nozzle, torque support
Spindle types	Standard: 12 kW (S1); 24,000 U/min; HSK-F63 Optional: 15 kW (S1); 24,000 U/min; HSK-F63
Tool changer	15-place plate changer up to 400 mm diameter as a standard Optional: pick-up bar with 10 places
Extraction and chip removal	Extraction hood (automatically height-adjustable); chip conveyor
Machine table equipment	Version: beam table with beams of Schmalz make incl. suction cups, fixed stop support and stops Version: grooved table with HPL table surface (grooved) incl. stops
Machining area	OPUS-3: 3,200 x 1,450 x 225 mm OPUS-4: 4,200 x 1,450 x 225 mm OPUS-5: 5,200 x 1,450 x 225 mm OPUS-6: 6,200 x 1,450 x 225 mm
Control system	Industrial standard Beckhoff (User interface Reichenbacher HMI, WIN 10, NC-HOPS 7) Mobile control panel & additional manual control unit Remote diagnostics (Teamviewer)
Further options	5-axis simultaneous machining LED positioning display Broken tool detection NC-HOPS extension packages

Subject to changes in the course of technical progress.



info.opus@reichenbacher.de