

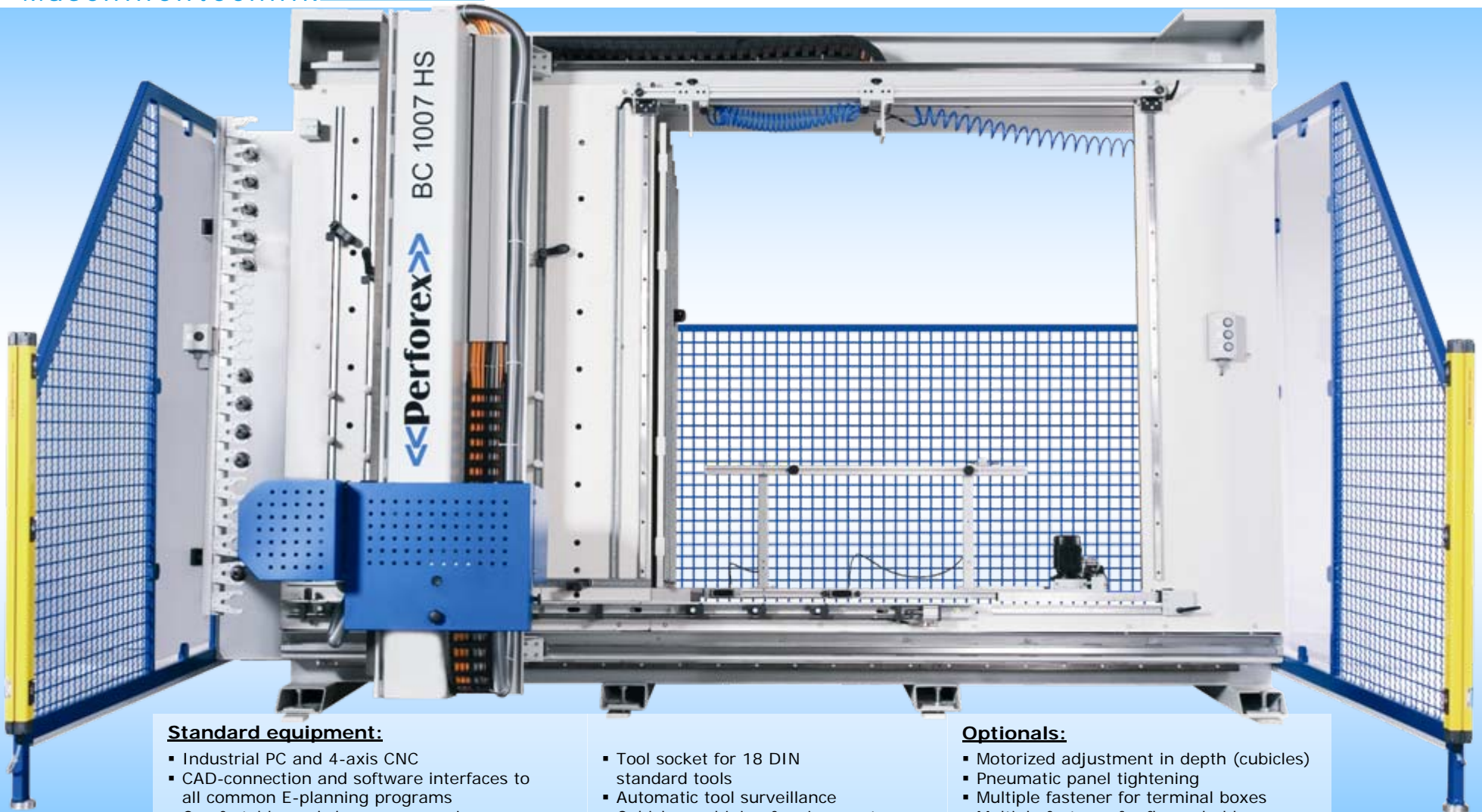


<<Perforex>> Machining centres

for the fully automatic machining of panels in the switch cabinet industry

Drilling, tapping and milling

www.perforex.de



Standard equipment:

- Industrial PC and 4-axis CNC
- CAD-connection and software interfaces to all common E-planning programs
- Comfortable workshop programming
- Integrated data capture
- Certified and secure remote servicing
- Stable and vibrationless machine frame
- Spindle drive with 5,5 KW capacity and 18.000 rpm.
- Patented work piece pressure system

- Tool socket for 18 DIN standard tools
- Automatic tool surveillance
- Cubicle machining for sizes up to 1200x1600x1600 (even larger)
- Pneumatic cubicle tightening
- Minimum lubricating device
- Suction system for shavings
- Air pressure surveillance

...and much more

Optionals:

- Motorized adjustment in depth (cubicles)
- Pneumatic panel tightening
- Multiple fastener for terminal boxes
- Multiple fastener for flange holders
- Power rail supports
- Air compressor
- Circular screw milling
- Engraving device

**Network adapted and
Windows based
4-axis CNC**
with its own
workshop programming
as well as
import interfaces
to all common
E-planning applications

further
licence free work plannings
possible to be installed



Triple beam light barrier

and

all around fence
for
the areas where
machining takes place

thus

security at its highest level



Tool magazine

with 18 pincers
for SK 30
Tool pick-ups.

Used are being exclusively

standard tools
for a
**cost efficient
working**

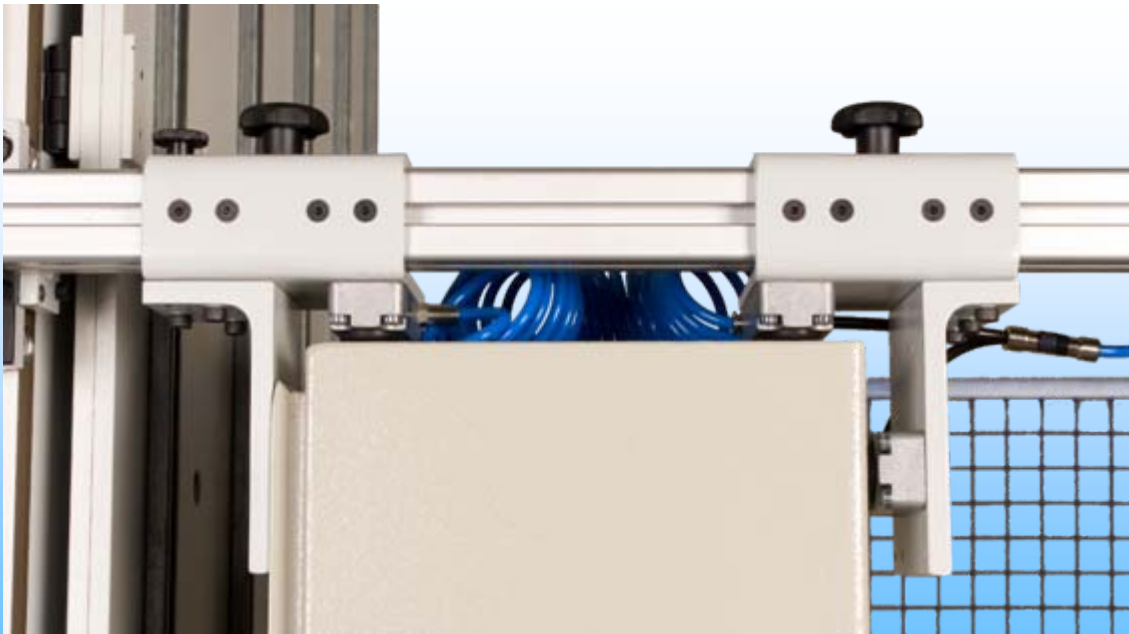


Quick tighteners
and optional
pneumatic
workpiece tightening
in the panel and
cubicle section
for
an appropriate
handling



Pneumatic cubicle tightening

for the
machining of cubicles



**Quick fastening
with
secure support**

Air pressure surveillance

as well as an optional

compressor

lead to a

constant air pressure

during machine operation



Hollow shaft spindle

with

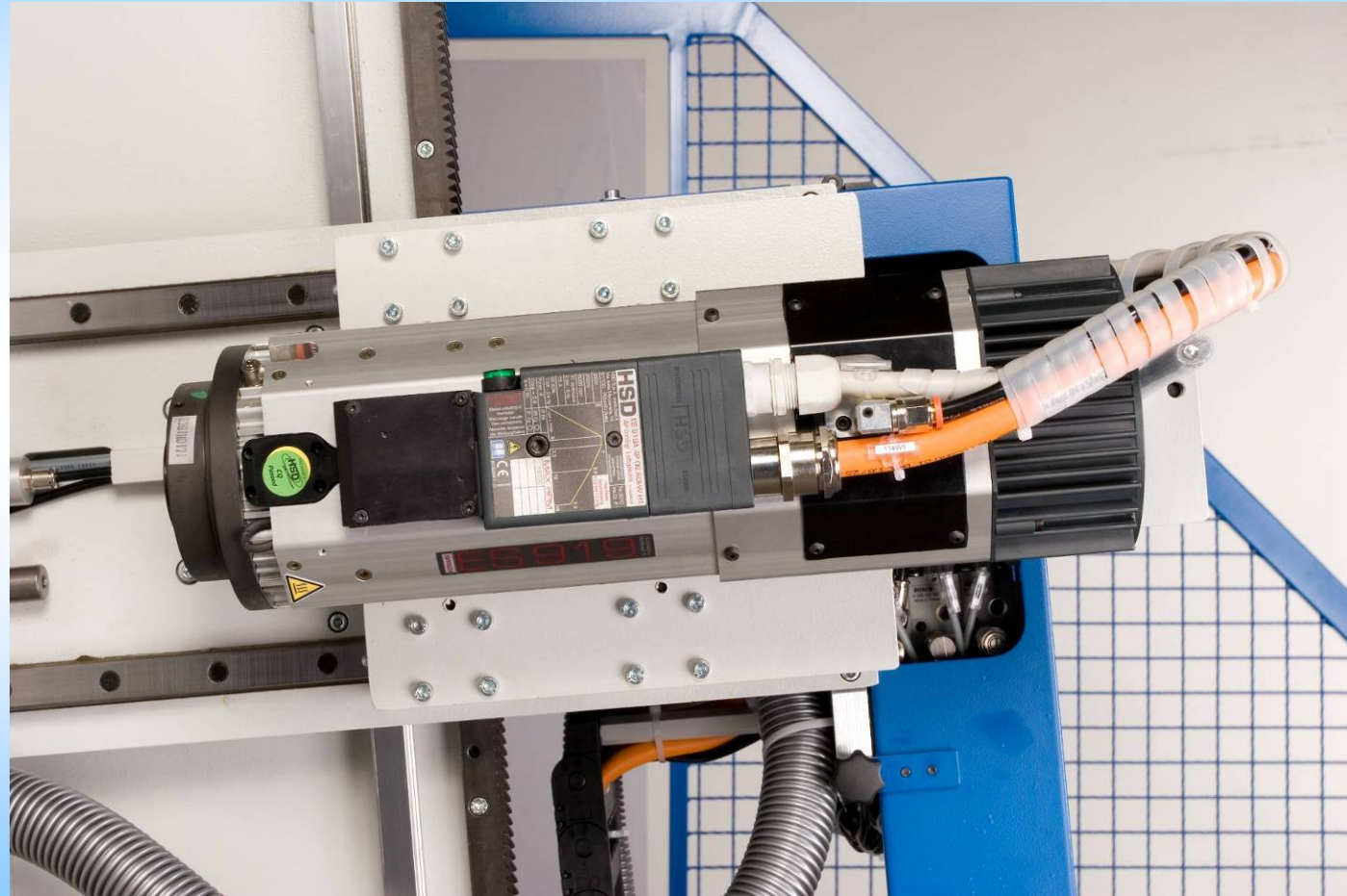
5,5 KW

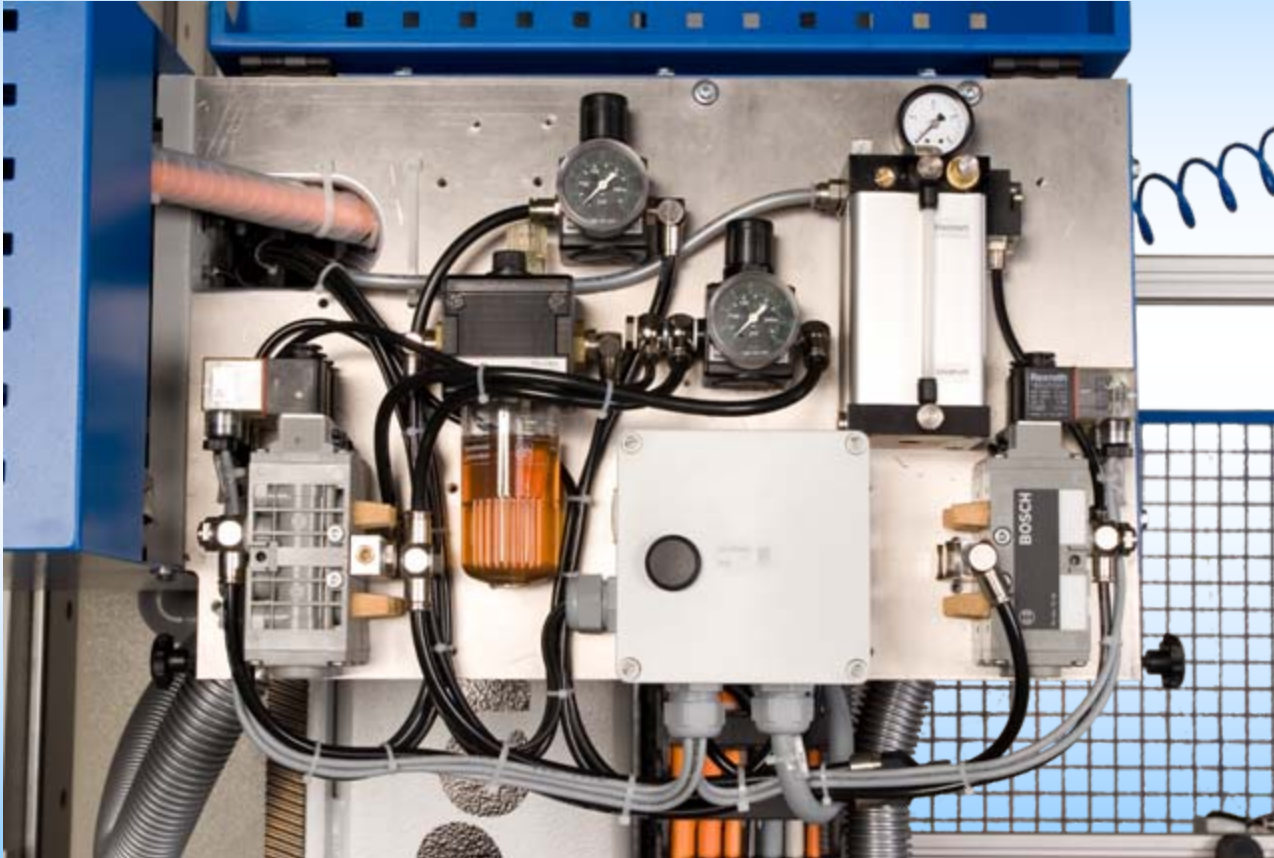
and up to

18.000 rpm.

for

Sufficient reserves
in each material





Minimum lubricating device
with

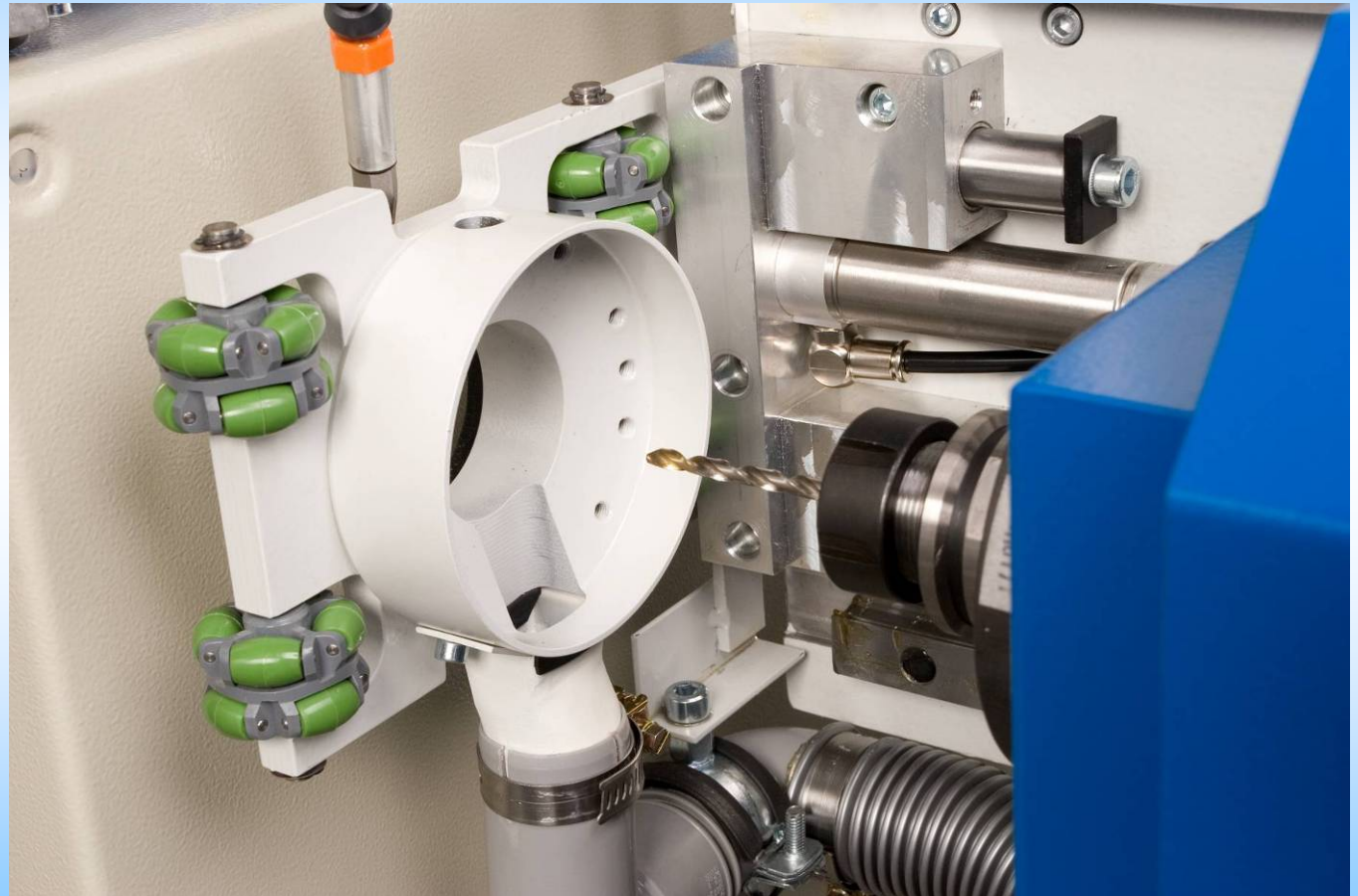
finest oil film

directed towards the
machined parts

creates

smooth and mild machining
as well as longer
lifetime sequences of tools

Patented pressure plate
with integrated
shavings suction system
for
a silent and clean
machining



**Automatic
tool rupture control**
after each
change of tool
for
**manless
machining**



**Cubicle machining
standard
1200x1600x1600 (WxHxD)
(optional even larger)**

with an optimal

**motorized
adjustment in depth**

and possible

set-up through a crane

for

**an easy handling
of large cubicles**



**Optional
multiple terminal box holder**

for the machining of
small cubicles
in one an only work process

with

pneumatic tightening

stackable



**Optional
power rail support**

for the machining
of copper rails

with up to

10mm thickness

stackable





**Standard tool equipment: 5 drills with sizes 3,3 / 4,2 / 5,0 / 6,0 / 6,8 mm
4 taps M4, M5, M6, M8
1 mill 4 or 6mm**

Optional: drills: D1 – D20 / taps: M2 – M16 / special mills

Tools:



Naturally you will be able to get all tools, wear and tear and common spare parts through us, rather fast and to appropriate and normal conditions.

Consult us under: werkzeuge@kiesling.net