

Specifications

Grinding Capacity

Max. tool Ø (production)	32 mm	1.26"
Max. tool Ø (resharpening)	170 mm	6.70"
Max. tool length	700 mm	19.70"
Max. fluting length	425 mm	16.73"

Workpiece Spindle

Clamping / Unclamping	pneumatic
Attachment	ISO 50 (SK 50)

Grinding Spindle

Attachment	HSK 63F (HSK 50E)	
SMax. speed	12 000 min ⁻¹	
Power (S1)	10 (24) kW	14 (32) HP
Torque (S1)	12 (28) Nm	9 (21) ft-lbs
Grinding wheel Ø	150 mm	6"

Machine

Dimensions (L x W x H)	1,7 x 1,7 x 2,0 m	
	67" x 67" x 79"	
Weight	3 700 kg	8,140 lbs

Rotary Axes

B-axis range	340°
C-axis range	∞
C-axis rotation speed	2 000 min ⁻¹
Resolution	± 0.002°

Linear Axes

Rapid feedrate	30 m/min
Acceleration	5 m/s ²
Resolution	0.00001 mm

CNC-Control

Type	NUM Flexium+
Software	NUMROTOplus®

Wheel Changer

Capacity	4x (8x / 12x)
Attachment	HSK 63F (HSK 50E)

strausak

The new Strausak ONE

Adapted to the unpredictable

Next-generation CNC tool grinder designed for small batches, special tools or resharpening

Adaptive Grinding Solutions



strausak

Rollomatic Group

strausakglobal.com

North America

Strausak Inc.

1295 Armour Blvd.
Mundelein, IL 60060
USA

Tel.: +1 847 393 2266
sales@strausakusa.com

Europe

Strausak AG

Solothurnstrasse 136
2504 Biel/Bienne
Switzerland

Tel.: +41 32 677 55 55
sales@strausakglobal.com

Asia

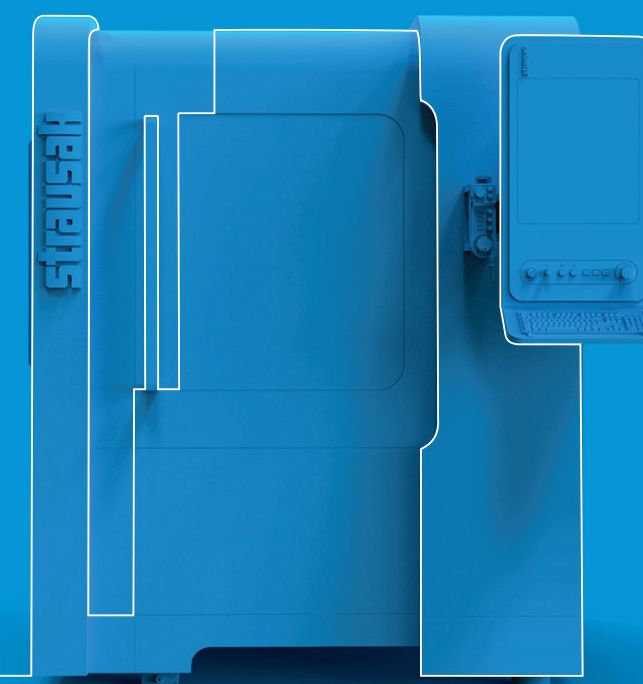
Strausak Ltd.

No. 12-3, Zhuangqian Rd.,
Shengang Dist.,
Taichung City 42951
Taiwan

Tel.: +886 4 25610676
sales_asia@strausak-swiss.ch

Strausak ONE

Versatile Swiss Precision



STRAUSAK ONE

Adaptive Grinding Solutions

Strausak produces scalable grinding equipment for tool production & resharpening professionals.

Designed to combine precision and efficiency, Strausak machines help their owners stay competitive in a dynamic and unpredictable environment.



Smart design

The STRAUSAK ONE is the ultimate 5-axis CNC-tool grinder for high quality production or resharpening of cutting tools.

- full direct drive axes
- actively cooled cast iron frame
- compact footprint
- outstanding ergonomics
- powerful spindles
- integrated automation

Easy programming with numroto

NUMROTO is the preferred solution for tool programming for more than 25 years.

- unlimited programming possibilities
- accurate 3D simulation
- reliable performance prediction

Wide Application range

The high versatility provided by the large selection of equipment allows for the efficient grinding of a large variety of tools.

- efficient up to Ø32 mm
- production or resharpening
- HSS, carbide, or ceramic



Best ergonomics

Setup times are reduced to their minimum thanks to the unmatched access to the embedded equipment.

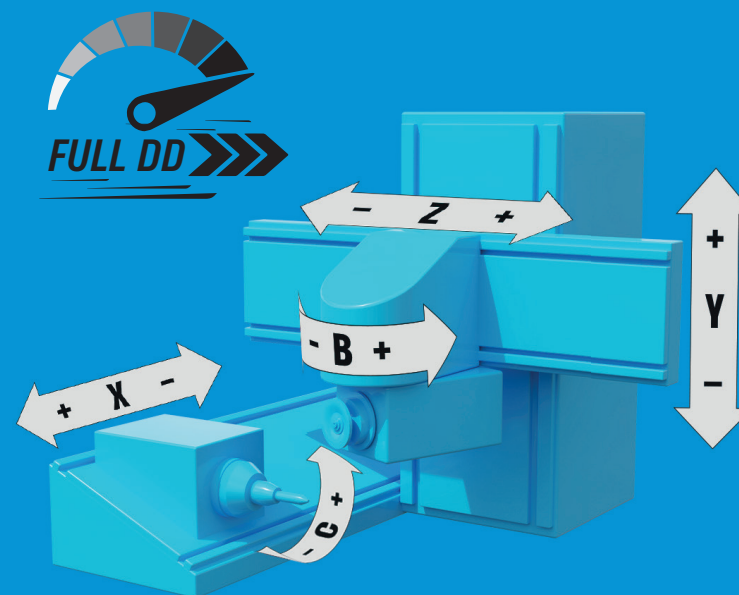
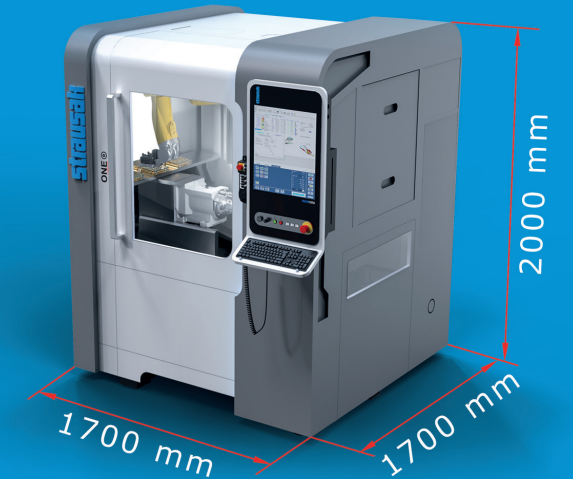
- large door access
- easy to reach components
- adjustable operating panel
- mobile machine pendant control

Big achievement in a small footprint

Modern workshops need flexibility, efficient floorspace use, lean processes, short setups, and small machines.

However, compactness will not impact capacity.

- fluting length up to 425 mm (16.73")
- cylindrical grinding up to Ø170 mm (6.7")
- 24 kW (32 HP) spindle
- integrated tool loader
- integrated wheel changer



Perfect finish at high accuracy

Full direct drive on all 5 axes for unique performance and reliability.

- outstanding surface quality
- accurate path control
- fast positioning
- fast wheel and tool changes
- no wear, no backlash



Modular equipment upgrades

When the needs change, the equipment has to adapt.

- R**obot loader
Add an integrated pickup or robot loader to enhance your productivity
- W**heel magazine
Integrate higher wheel capacity to allow for more flexibility
- P**allet magazines
Add an automatic pallet magazine to grant more autonomy