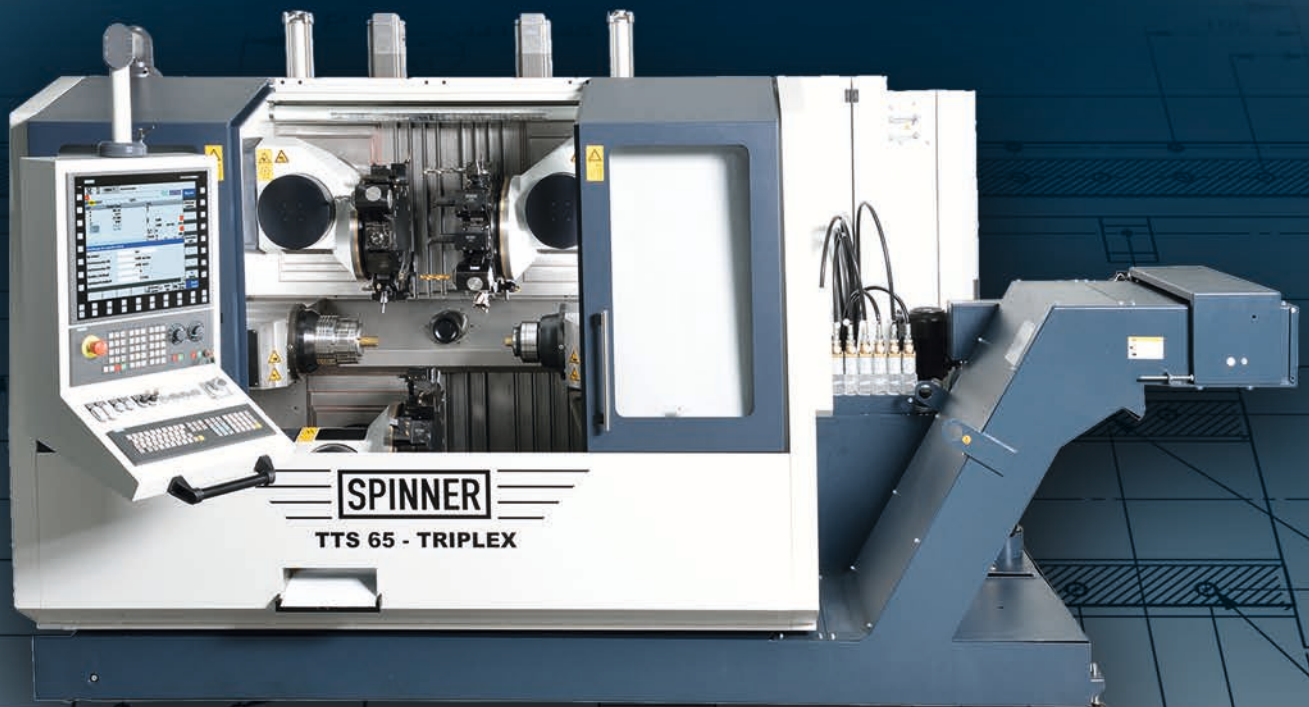


SPINNER

TTS Triplex

Multi-Tasking Turning-Cell with 3 turrets



Mechanical Engineering

Made in Germany

www.spinner.eu.com
sales@spinner.eu.com

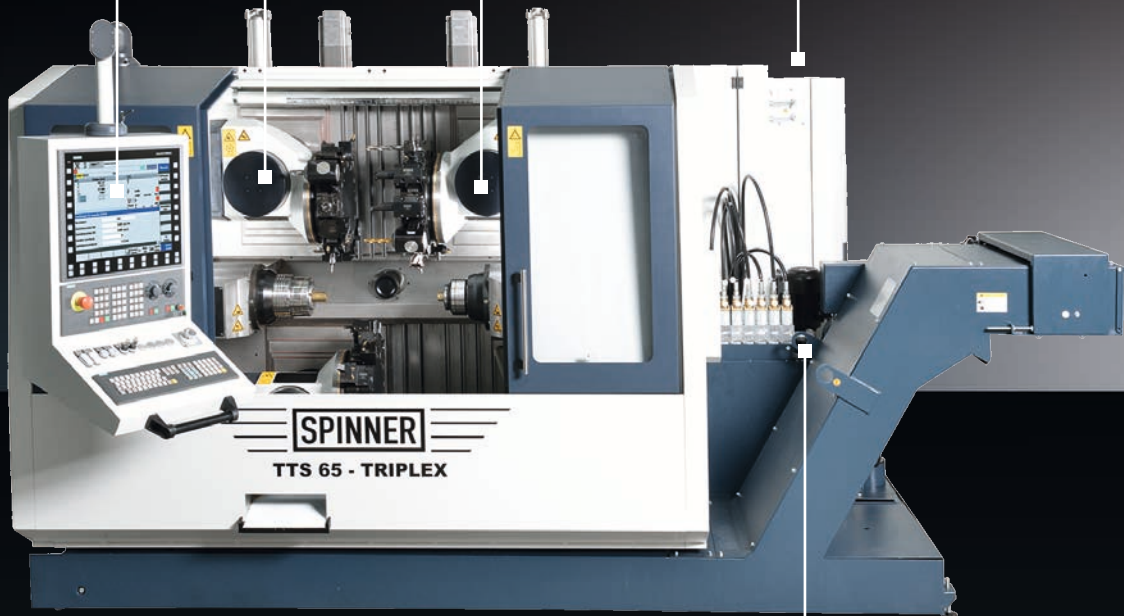
Machine Highlights

Latest control system from Siemens or Fanuc

The control panel can be mounted on the left or right side

Y axis in two turrets

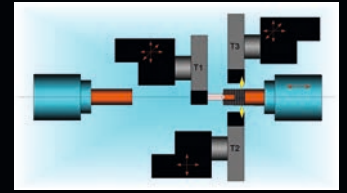
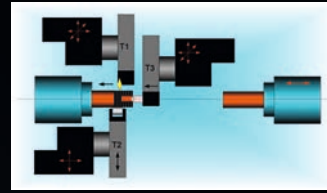
Integrated cooling technology



Machining of bars
or automation with robotic system



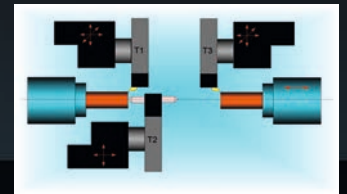
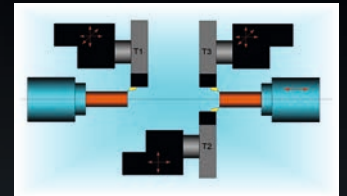
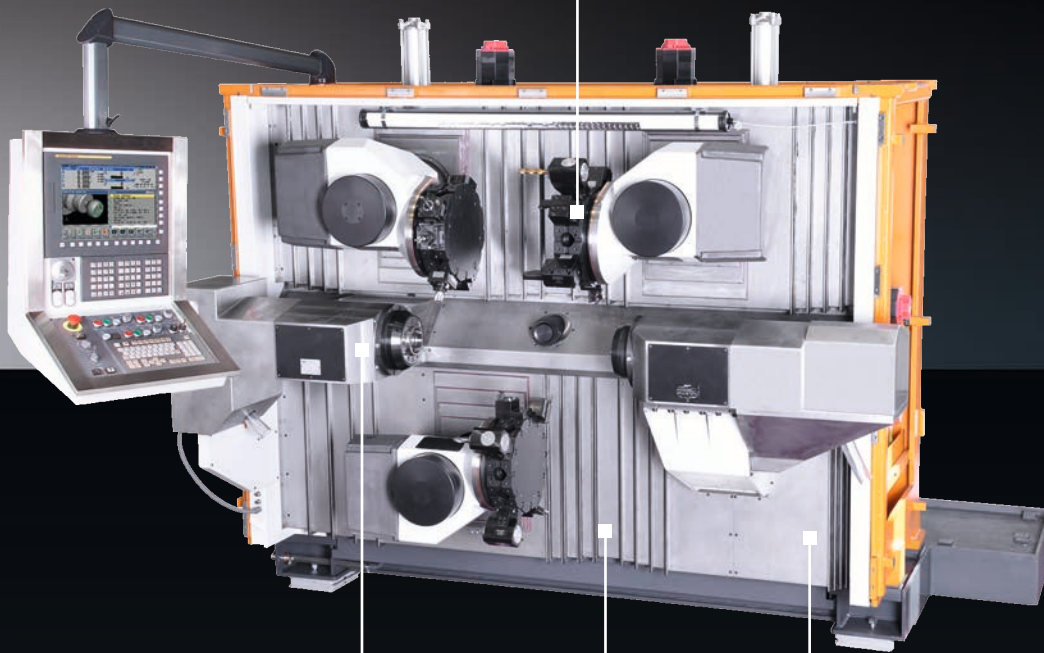
Powerful
Highly dynamic
Highly productive
Made in Germany



Powerful tool drive
on all 3 turrets

High speed SPINNER
servo turrets with tool
holders according to
BMT45 or VDI25

Each turret can be used on
both spindles for optimal
capacity utilisation and
shortest machining time

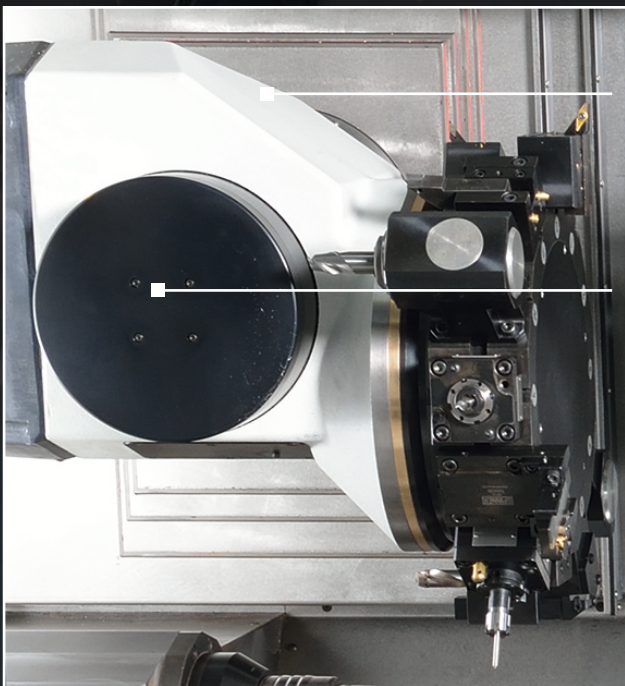
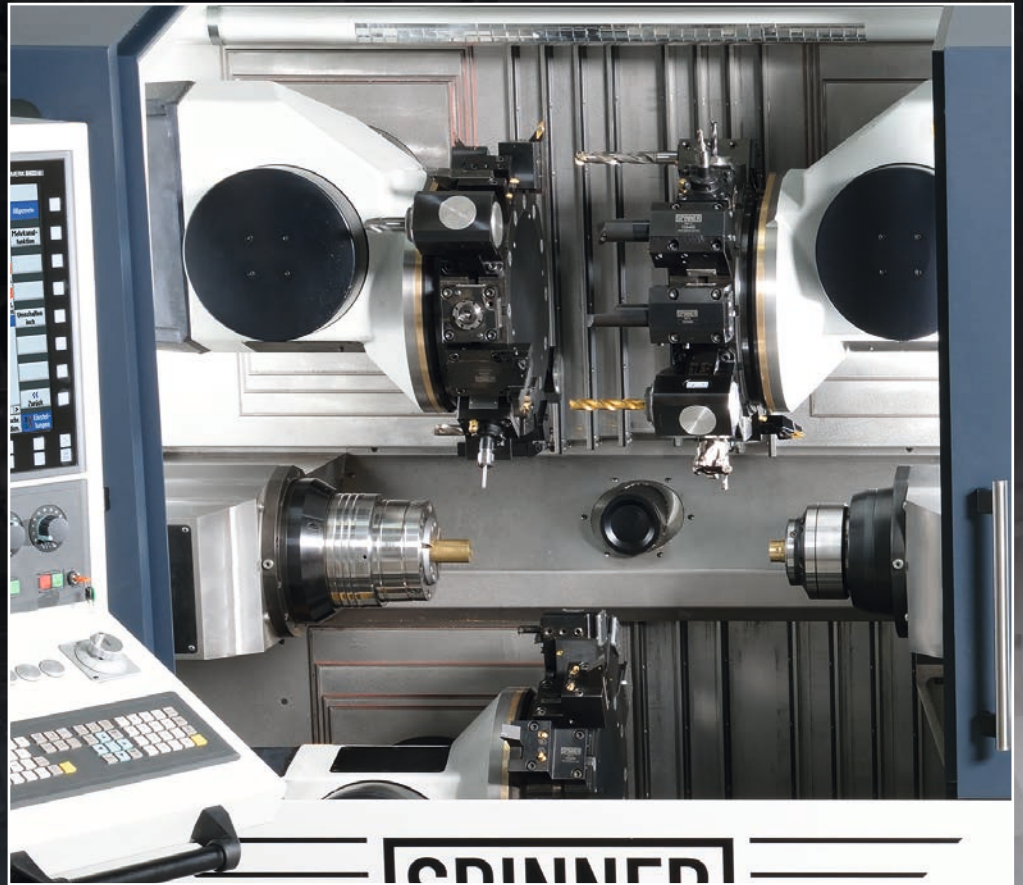


Spindles with 42 mm
or 65 mm bores

90 degrees slant bed for
free chip fall

Optimal working area guarding

Clearly structured working area with 3 (Triplex) turrets

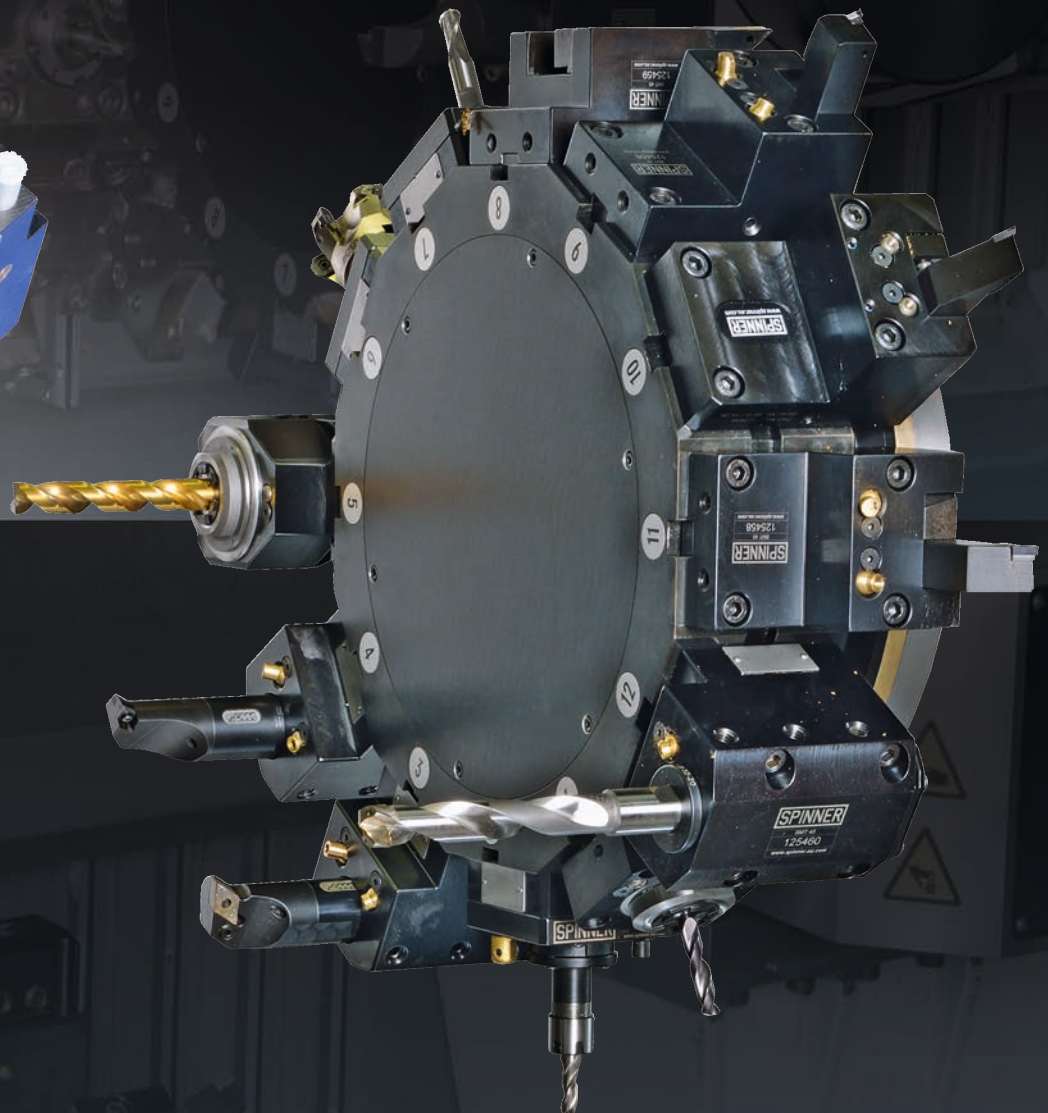


- **Optimised turrets**
with high stiffness and favourable interference contour
- **Integrated vibration absorber**
to reduce micro vibrations for higher metal cutting performance and improved surface quality
- **High thermal stability**
by direct measuring system and central cooling technology

• Tool holder BMT45 as standard

Your advantages at one glance when using BMT45 tool holders

- High toolholder exchange precision
- No adjustment is required
- High stiffness
- Higher turning and milling performance



Tool holder VDI25 as option

Automation solutions

Fully automated production solutions for large-scale production
FROM A SINGLE SOURCE from SPINNER and SPINNER-
Automation



Your advantages at one glance

- Increase in productivity
- Cost reduction
- Optimal processes for your machining requirements
- Everything from one source

Ask us for your solution!

Bar feeding system



SPINNER SERVO short bar feeder for feeding bars up to a maximum of 1500mm



SPINNER SERVO bar loading magazine for feeding bars up to a maximum length of 3200mm



| Working area | TTS 42 | TTS 65 |
|--------------------------------------|-------------------------------|-------------------------------|
| X1/X3 axis | 180 mm | 180 mm |
| X2 axis | 180 mm | 180 mm |
| Y1/Y3 axis | ±45 mm | ±45 mm |
| Z1/Z3 axis | 704 mm | 704 mm |
| Z2 axis | 620 mm | 620 mm |
| Axes | | |
| Rapide traverse X, Y, Z | 30 m/min | 30 m/min |
| Spindle 1 | | |
| Max. spindle speed | 7.000 rpm | 5.000 rpm |
| Spindle nose | ø110 mm | DIN A6 |
| Spindle bore | 42 mm | 65 mm |
| Power chuck | 140 mm | 210 mm |
| Performance | 22 kW (S6 40%) | 24 kW (S3 40%) |
| Torque | 128 Nm (S6 40%) | 151 Nm (S3 40%) |
| Spindle 2 | | |
| Max. spindle speed | 7.000 rpm | 7.000 rpm |
| Spindle nose | ø110 mm | ø110 mm |
| Spindle bore | 42 mm | 42 mm |
| Power chuck | 140 mm | 140 mm |
| Performance | 22 kW (S6 40%) | 22 kW (S6 40%) |
| Torque | 128 Nm (S6 40%) | 128 Nm (S6 40%) |
| Turret | | |
| Number of tool stations | 3x12 | 3x12 |
| Number of driven tools | 3x12 | 3x12 |
| Toolholder | Standard BMT45 / Option VDI25 | Standard BMT45 / Option VDI25 |
| Max. speed of driven tools | Up to 8.000 rpm | Up to 8.000 rpm |
| Performance ¹⁾ | 4,3 kW (S3 25%) | 4,3 kW (S3 25%) |
| Torque ¹⁾ | 13,6 Nm (S3 25%) | 13,6 Nm (S3 25%) |
| General indications | | |
| Dimensions (L x W x H) ²⁾ | 2880 x 2130 x 1990 mm | 2880 x 2130 x 1990 mm |
| Weight ³⁾ | ~7.900 kg | |

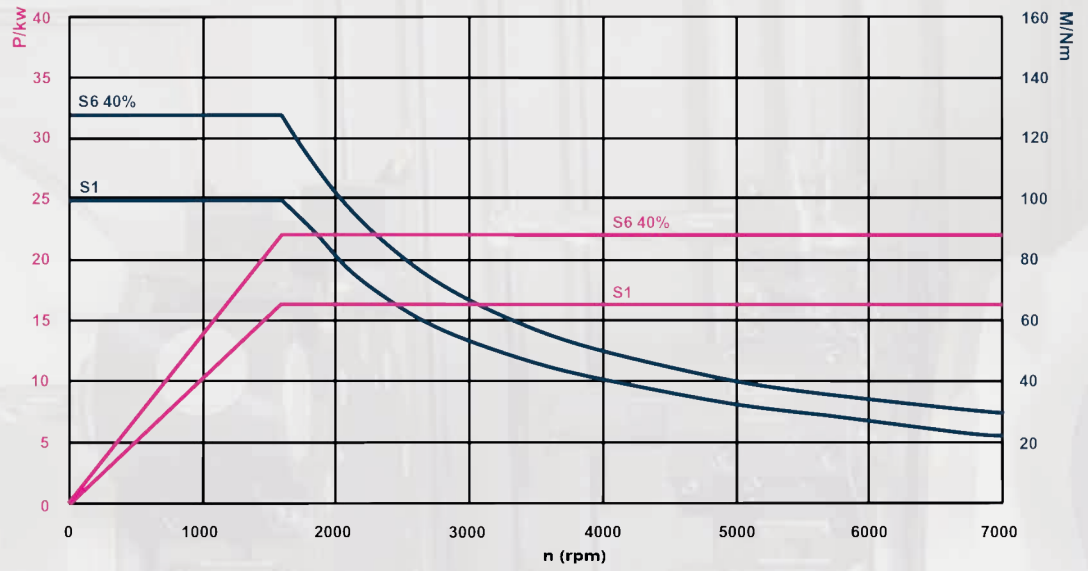
1) Valid for rated speed 3.000 rpm

2) See floorplan

3) Machine net weight TTS65

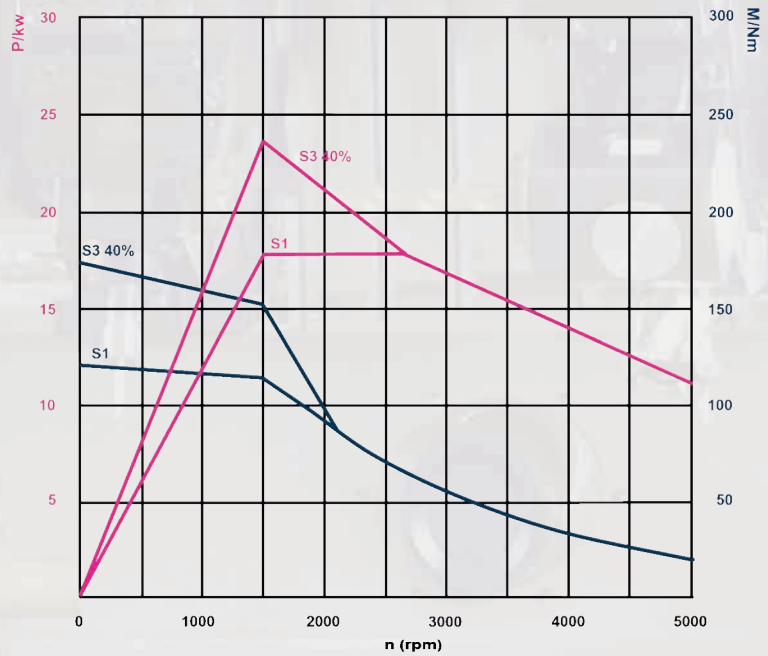
Main Spindle TTS42
Sub Spindle TTS42/TTS65

7.000 rpm

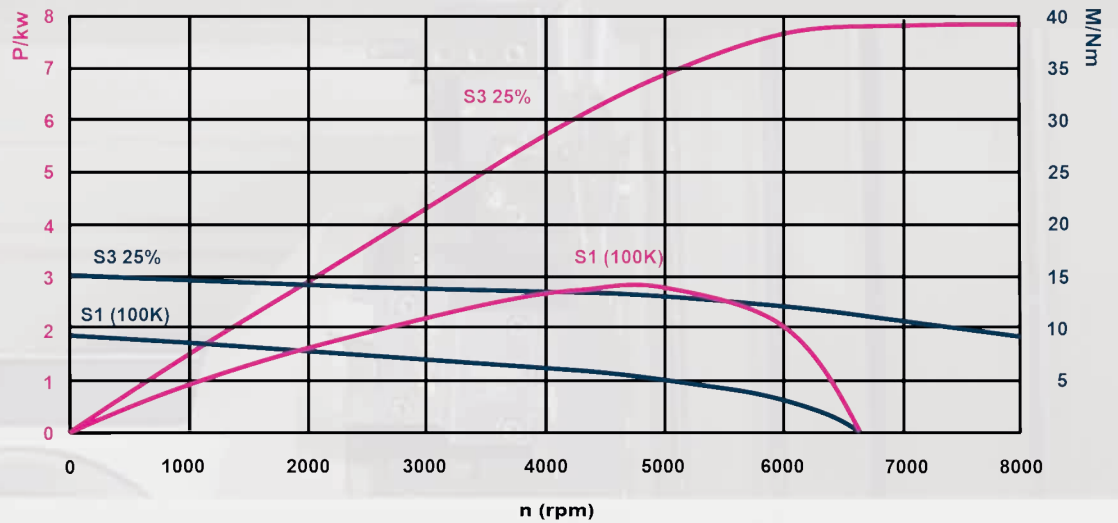


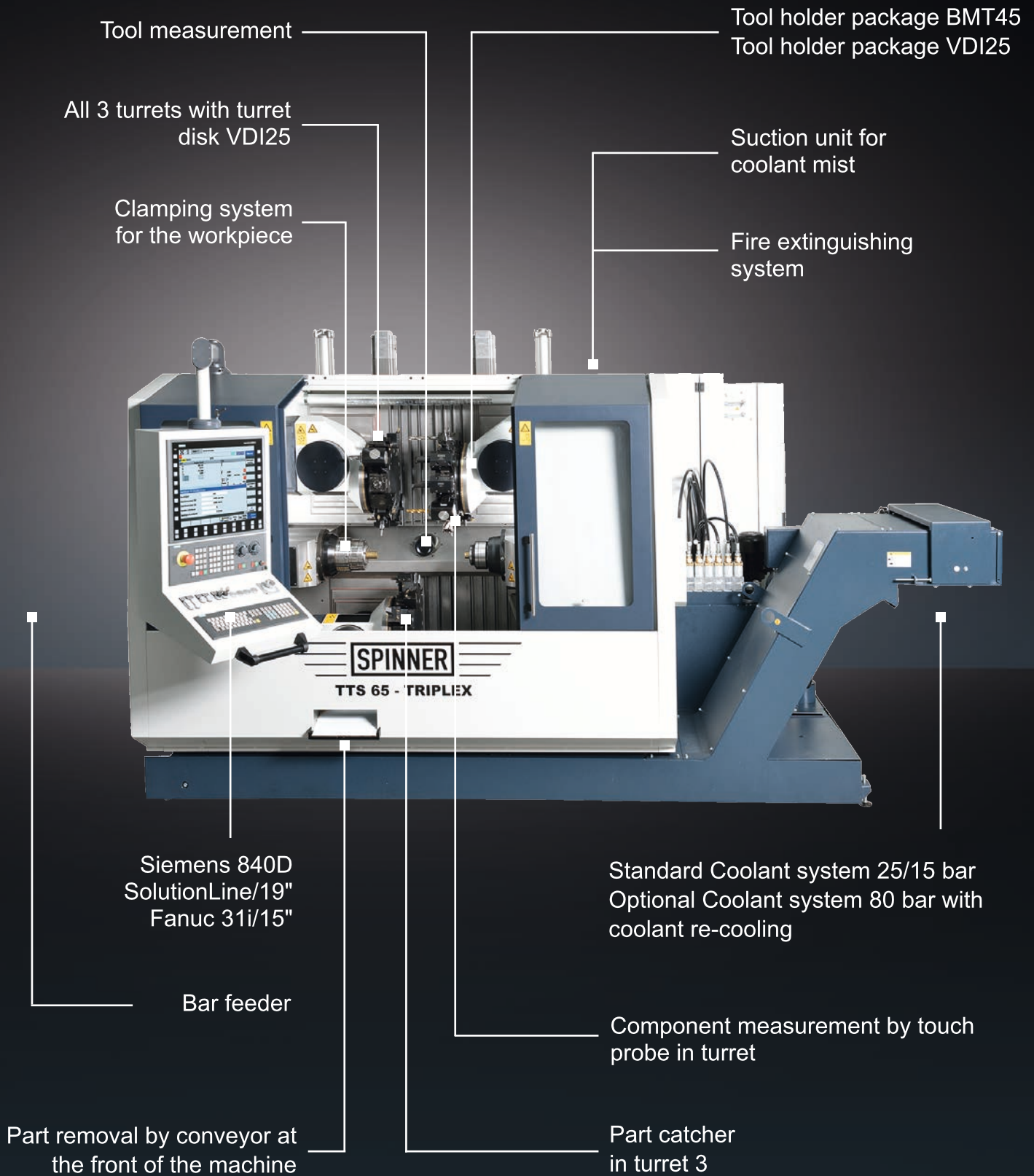
Main Spindle TTS65

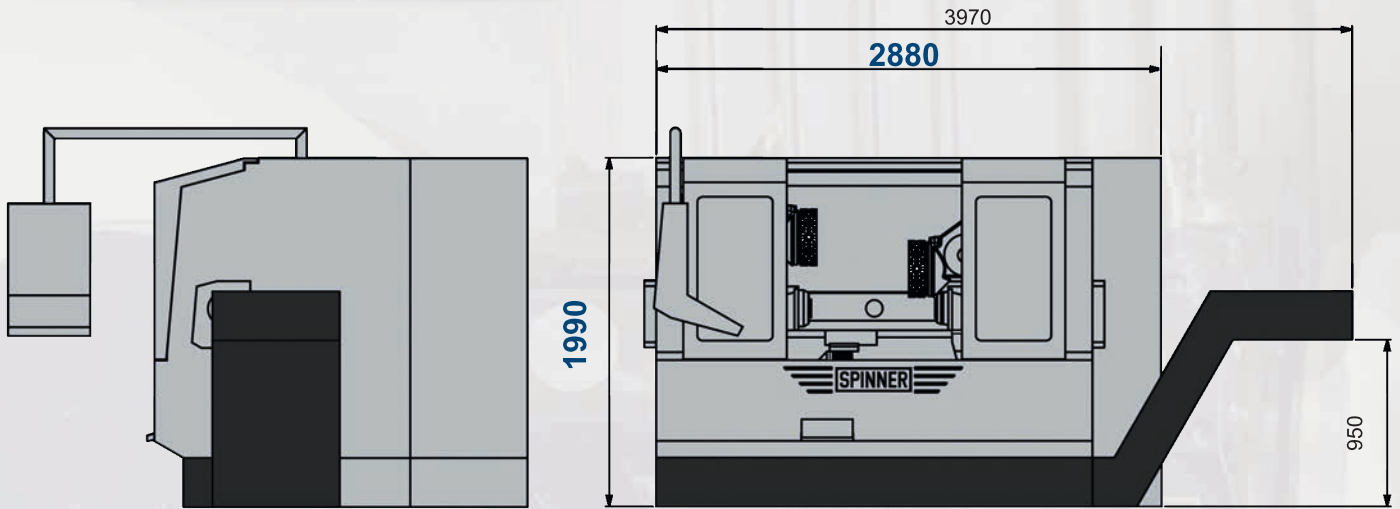
5.000 rpm



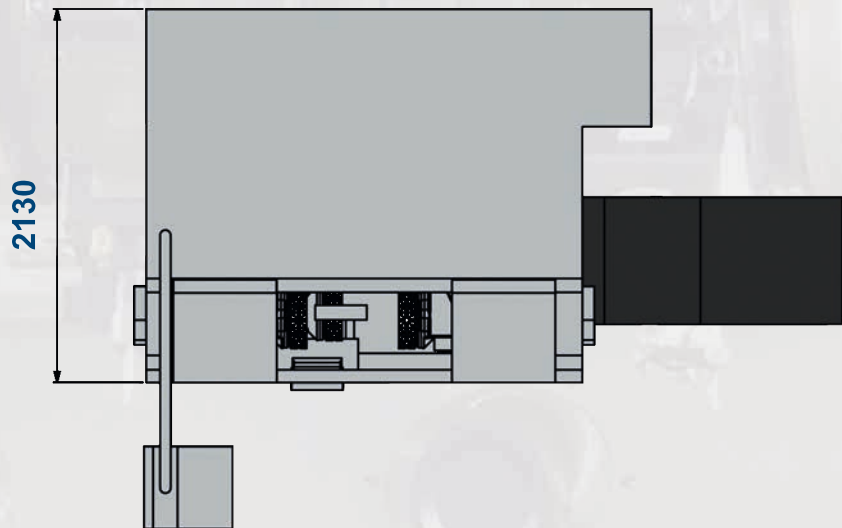
Driven tool



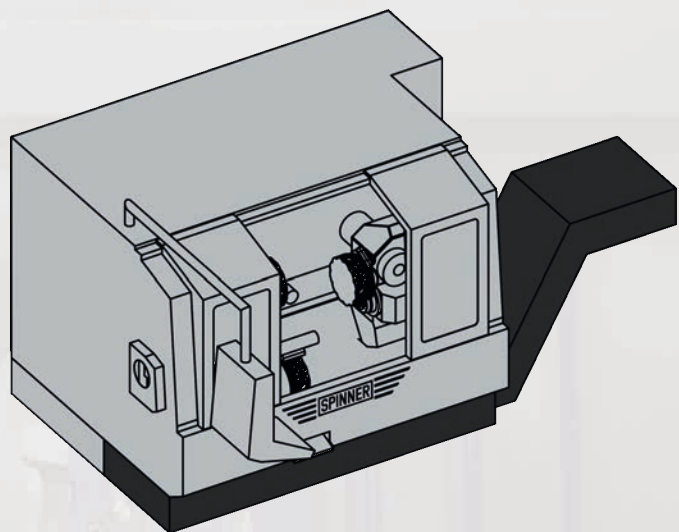




■ Version with standard chip conveyor



SPINNER





Werkzeugmaschinenfabrik GmbH



Spinner Machine-Tools are working successfully world wide with many well known clients in more than 60 countries on 6 continents. We have been fortunate enough to attract small component suppliers in addition to well known global groups in all metal machining industries.

We have designed and produced the most modern machine-tools since 1950. More than 20.000 delivered machines demonstrate their high efficiency, precision and reliability, everyday.

Although Spinner is a medium-sized enterprise we produce and sell more than 1.000 CNC machines a year. And the number is increasing every year. Our company combines the know-how of a global player with the flexibility and cost-effective structures of a family owned business.

Place your trust in our products as well and let us know what we can do for you.



Video

SPINNER Werkzeugmaschinenfabrik GmbH

Rudolf-Diesel-Ring 24

82054 Sauerlach

Tel. +49 (0) 8104 803-0

Fax +49 (0) 8104 803-19

sales@spinner.eu.com



Stand 25.2.2020

Technical changes of specifications and pictures are subject to change without notice - Pictures can include options, accessories