

SPINNER

TTC

Compact simultaneous Turning-Cell



Mechanical Engineering

Made in Europe

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

Machine Highlights

Different configurations available with or without driven tools and Y-axis

Compact dimensions for low space requirement

Simultaneous machining with two turrets

Siemens 840D-SL or Fanuc 31iT with 15-inch screen

Integrated cooling technology

Machining of bars or integrated automation with robotic system



Powerful
Universal
Highly productive
Made in Europe

Powerful tool drive
on both turrets

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

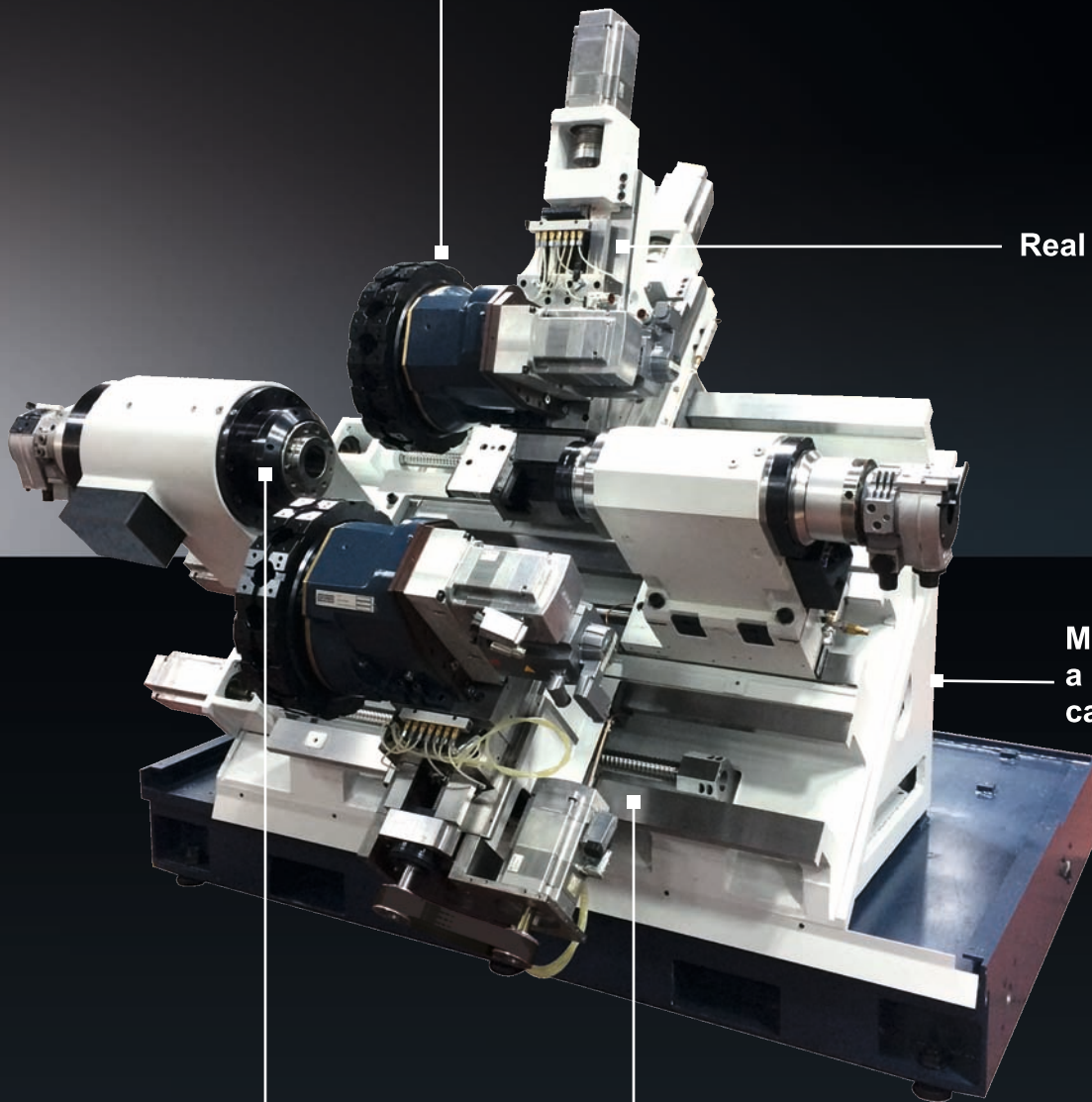
Each turret can be used on
both spindles for optimal
capacity utilisation and
shortest machining time

Real Y-axis

Machine base as
a one-piece
casting

Motor spindles with
52 mm or 65 mm bores

Hardened and ground sliding
guideways for best vibration
damping



- Parallel machining with 2 turrets in the working area

- 2 x 12 driven tool stations

- Rigid SPINNER-turrets with high milling performance, each one can work on both spindles

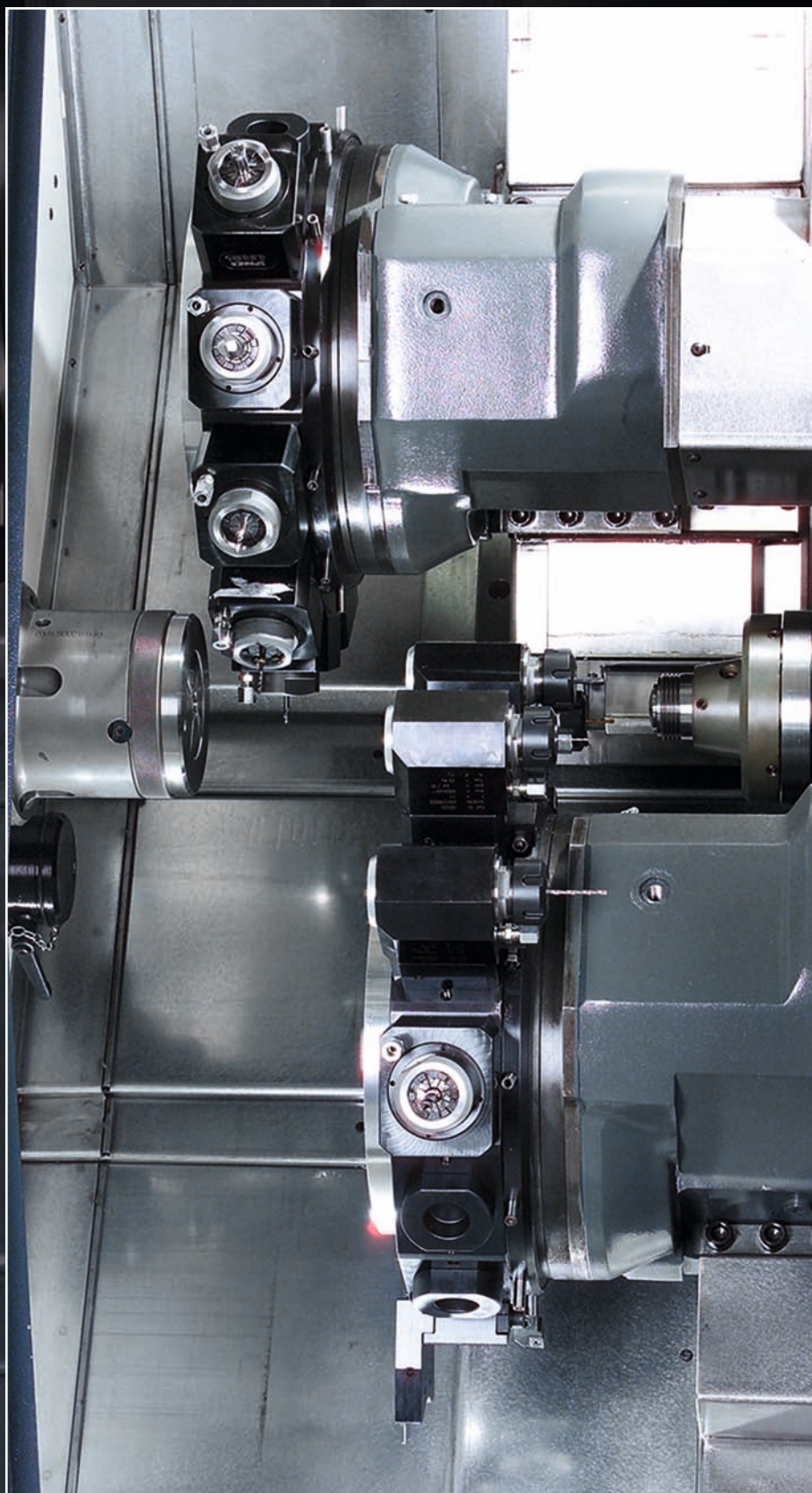
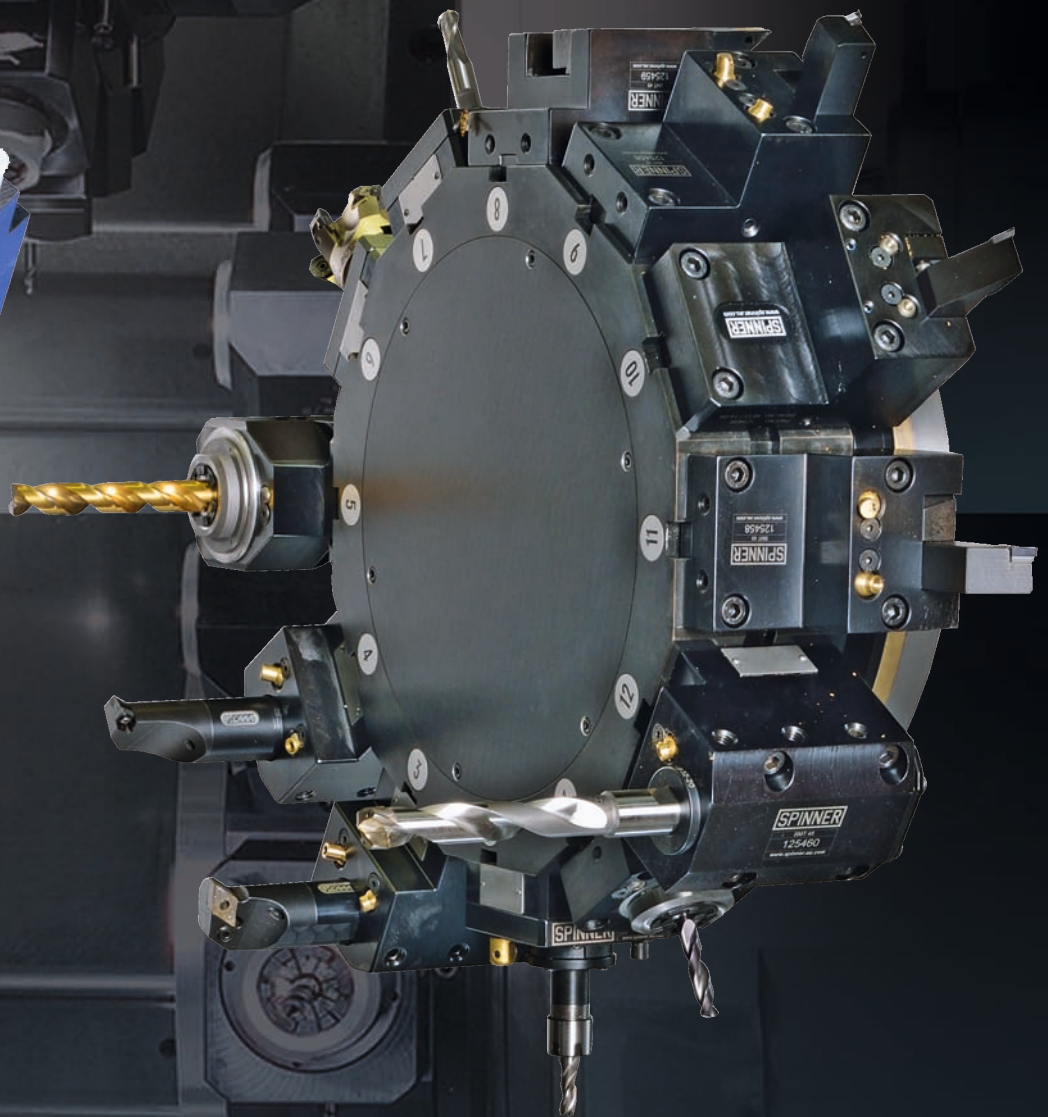


Figure shows turret disc VDI25

•Tool holder BMT45

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



•Or toolholder VDI25

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 3,2 metres

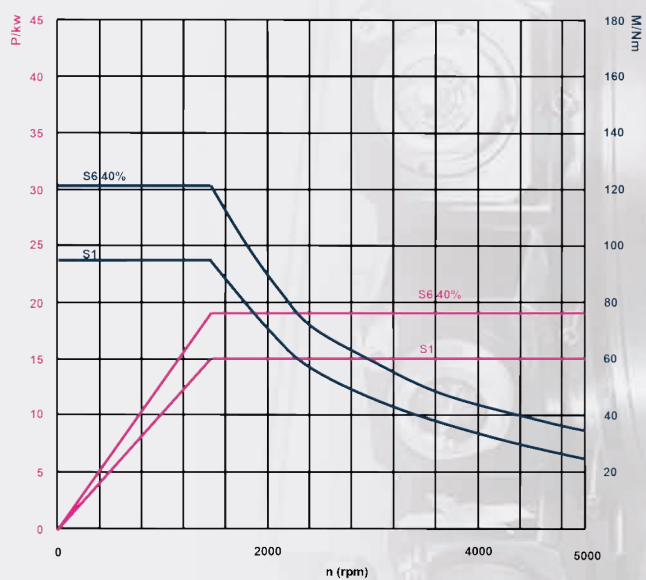


Working area	TTC300-52	TTC300-65
Swing diameter	400 mm	400 mm
Max. turning diameter	~200 mm	~200 mm
Max. turning length	400 mm	400 mm
X1 / X2 / Z-axis	180 / 110 / 450 mm	180 / 110 / 450 mm
Y-axis (options)	+40 / -40 mm	+40 / -40 mm
Axes		
Rapide traverse X / Y / Z	15 / 15 / 24 m/min	15 / 15 / 24 m/min
Spindle 1		
Max. spindle speed	5.000 rpm	4.000 rpm (option 5.000 rpm)
Spindle nose	A6/DIN	A8/DIN
Chuck diameter	210 mm	250 mm
Spindle bore	52 mm	65 mm
Performance P_{max}	23,5 kW	34 kW
Torque M_{max}	150 Nm	325 Nm
Spindle 2		
Max. spindle speed	7.000 rpm	7.000 rpm
Spindle nose	Ø100 mm	Ø100 mm
Chuck diameter	165 mm	165 mm
Performance P_{max}	13,8 kW	13,8 kW
Torque M_{max}	189 Nm	189 Nm
Turret		
Number of tool stations	12+12/16+12 (VDI25) ; 12+12 (BMT45)	12+12/16+12 (VDI25) ; 12+12 (BMT45)
Number of driven tools (option)	all	all
Toolholder	VDI25 / BMT45	VDI25 / BMT45
Max. speed of driven tools	6.000 rpm	6.000 rpm
Performance P_{max}	16,5 kW	16,5 kW
Torque M_{max}	35 Nm	35 Nm
General indications		
Dimensions (L x W x H) ¹⁾	2500 x 1900 x 2165 mm	2700 x 1900 x 2165 mm
Weight ²⁾	~4.600 kg	~5.100 kg

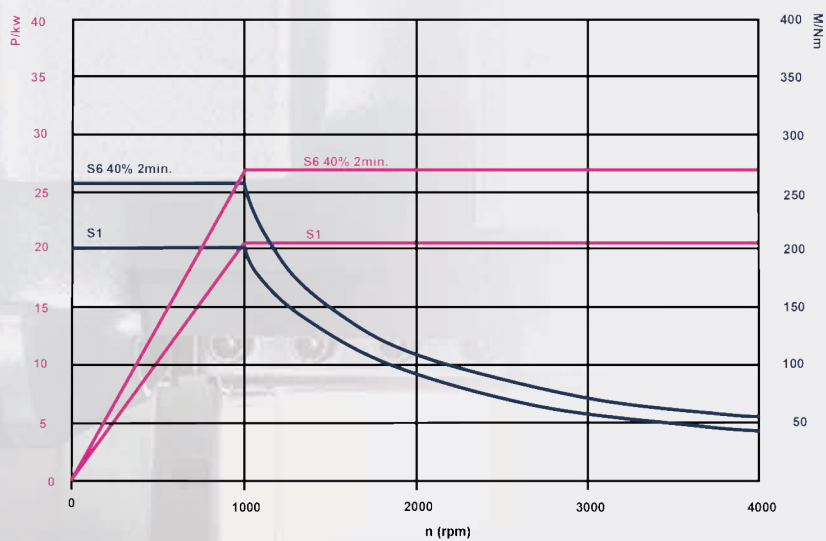
1) See floorplan

2) Machine net weight

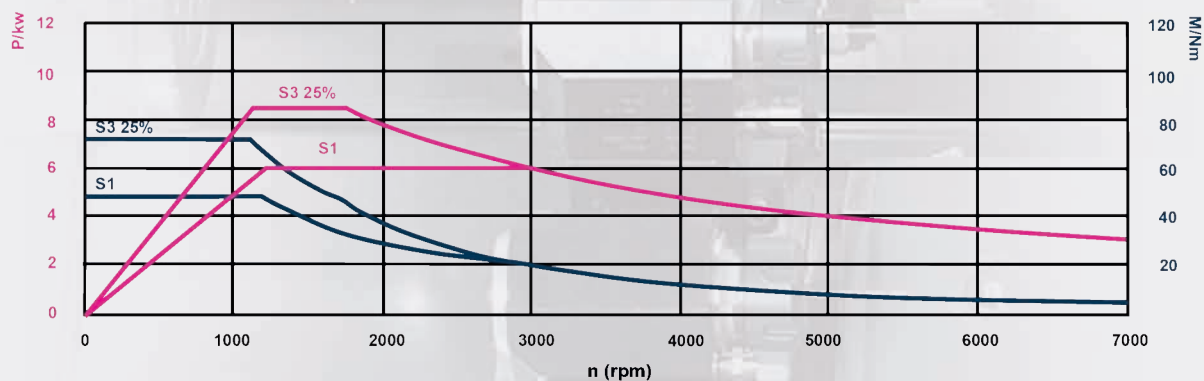
Main Spindle TTC300-52 5.000 rpm



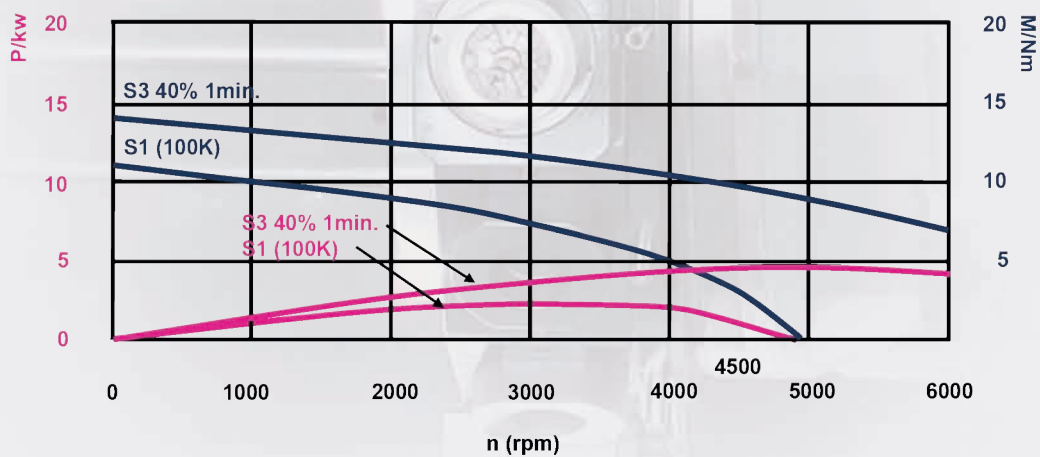
Main Spindle TTC300-65 4.000 rpm

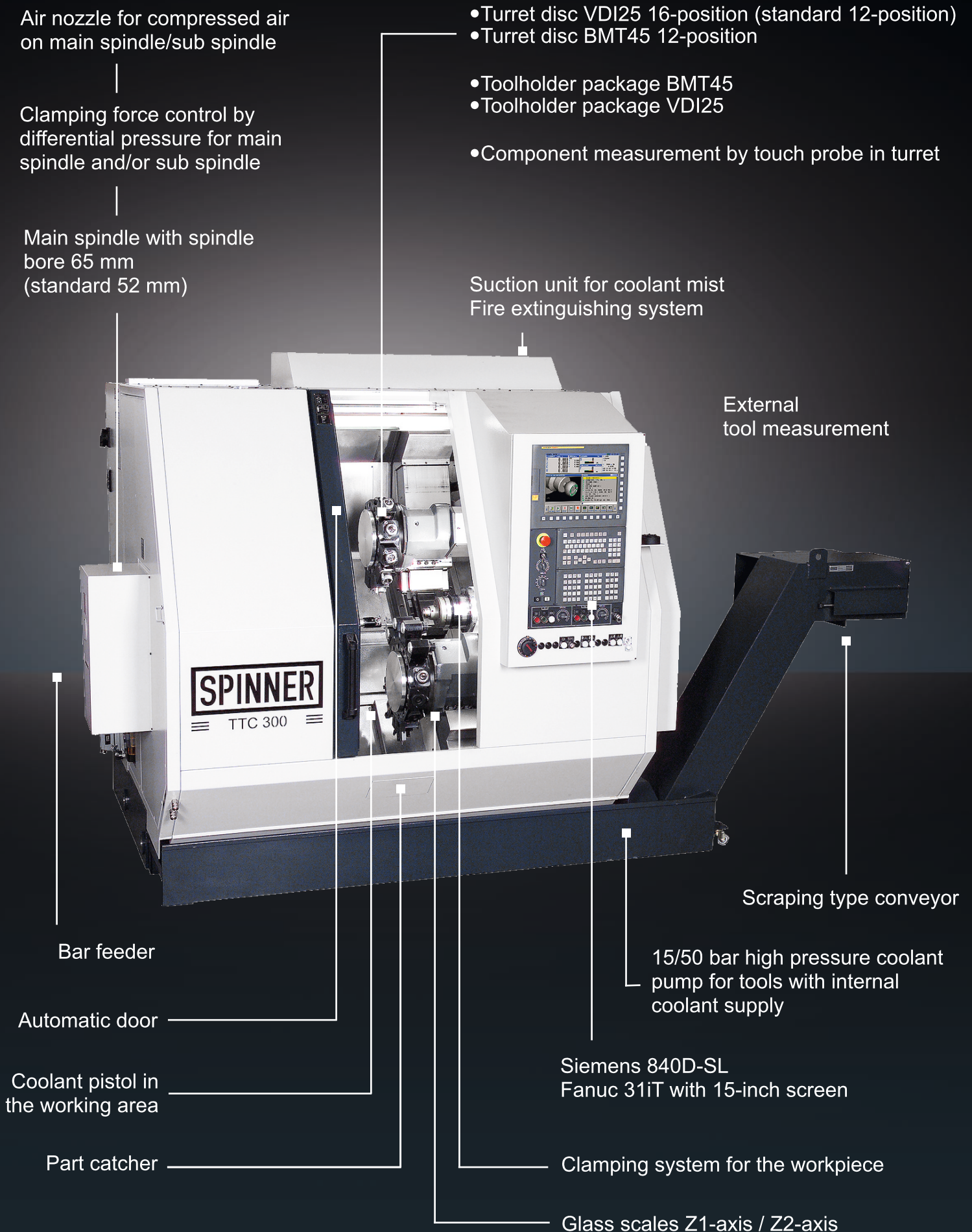


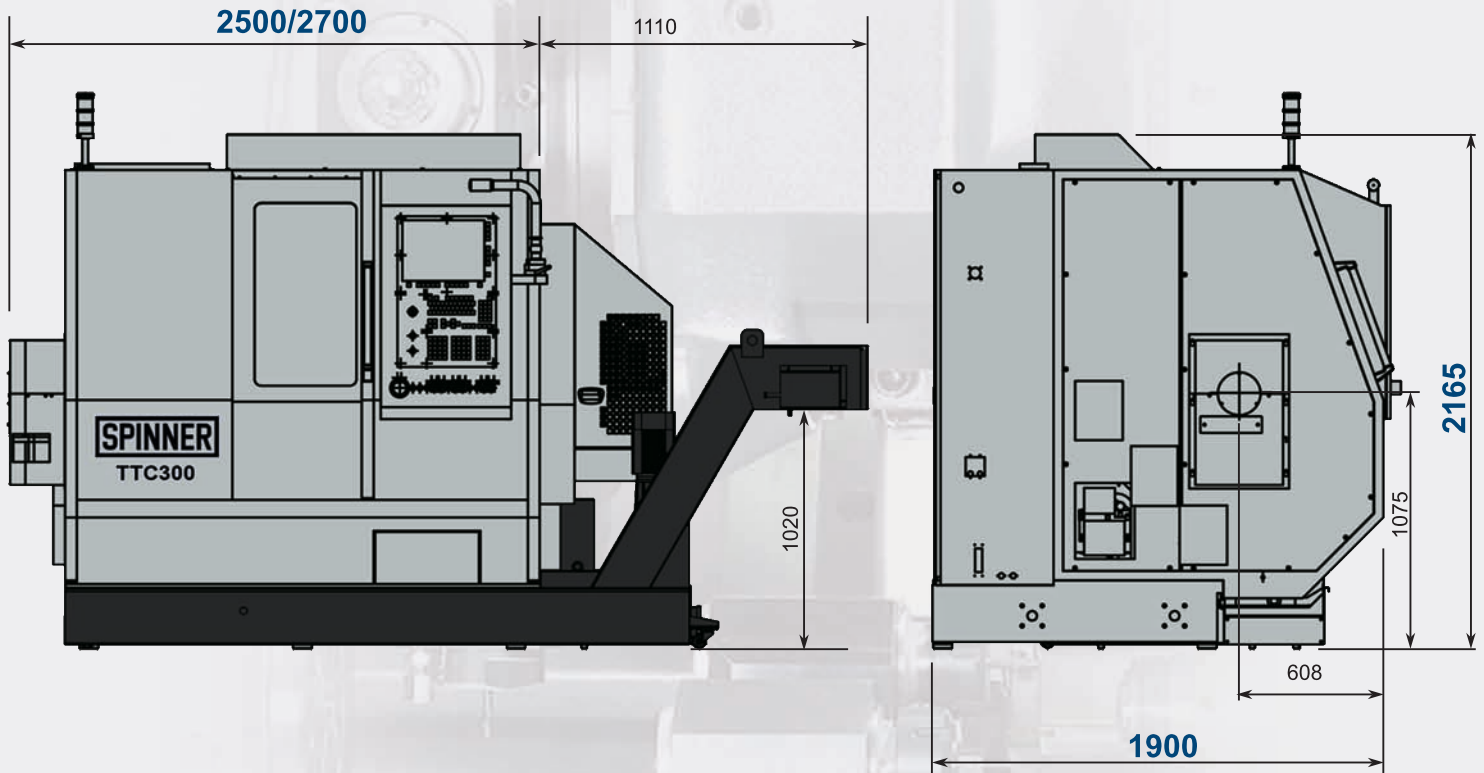
Sub Spindle TTC300 7.000 rpm



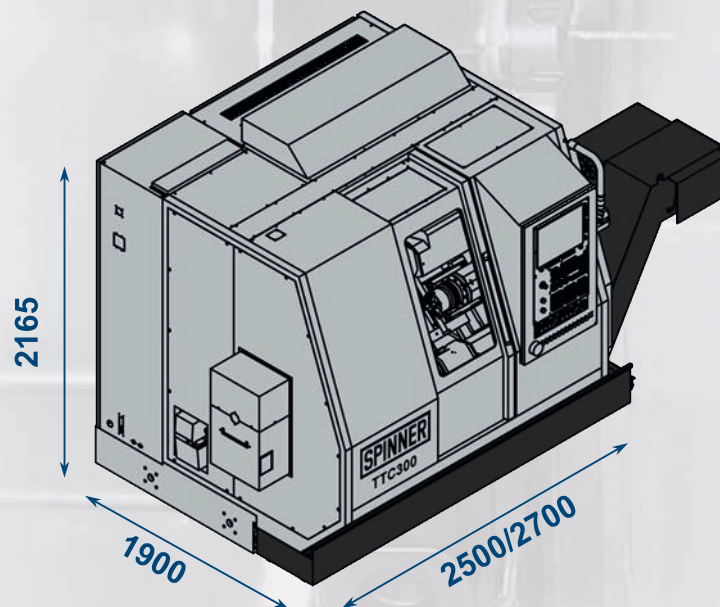
Driven Tool







Version with standard chip conveyor



Compact dimensions for low space requirement



Werkzeugmaschinenfabrik GmbH



www.spinner.eu.com

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



Version 29.4.2015

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