

SPINNER

U-630 Compact

Universal Machining Centre



Mechanical Engineering

Made in Germany

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Machine Highlights

Available in 3 configurations

U3-630 Compact: 3-axes-version with fixed table

U4-630 Compact: 4-axes-version with large rotary table

U5-630 Compact: 5-axes-version with integrated rotary/tilting table

Compact dimensions

Top of machine fully closed

High spindle speeds

Ergonomic operating panel adjustable in height



Large panoramic windows and large access to the working area

Heidenhain TNC620 Touchscreen

Siemens 840D-SL Touchscreen



All versions available as U-1530 Compact with enlarged X stroke

Ergonomic

Universal

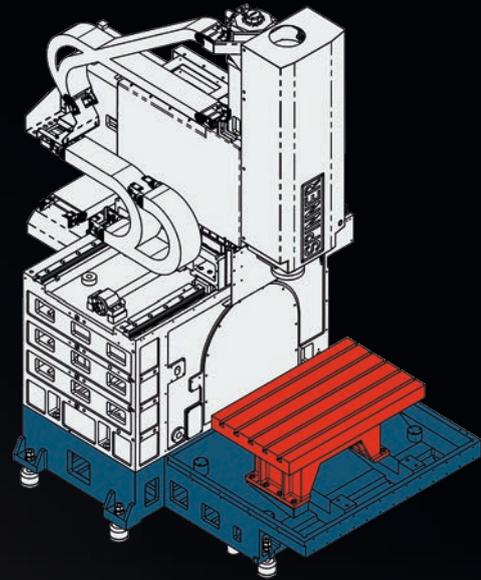
Dynamic

Highly precise

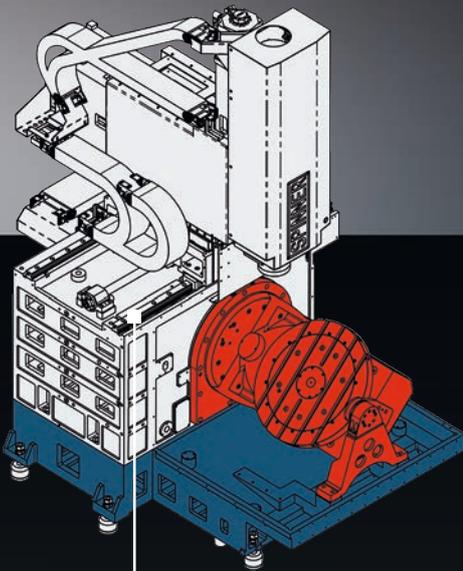
Productive

5-axes simultaneous machining*

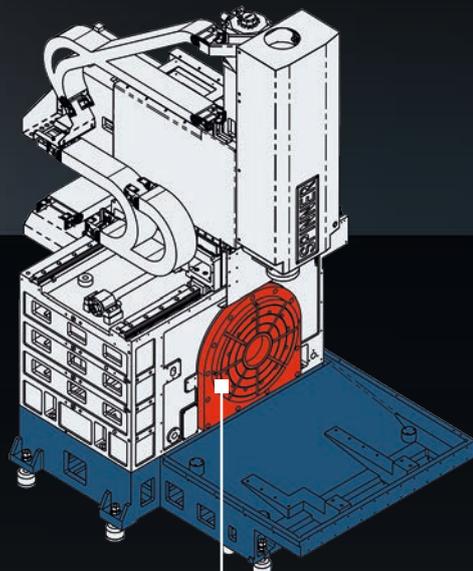
U3-630 Compact [Fixed table]



U5-630 Compact [Rotary/Tilting table]



U4-630 Compact [Rotary table]



All versions with modern linear guides on rigid cast construction

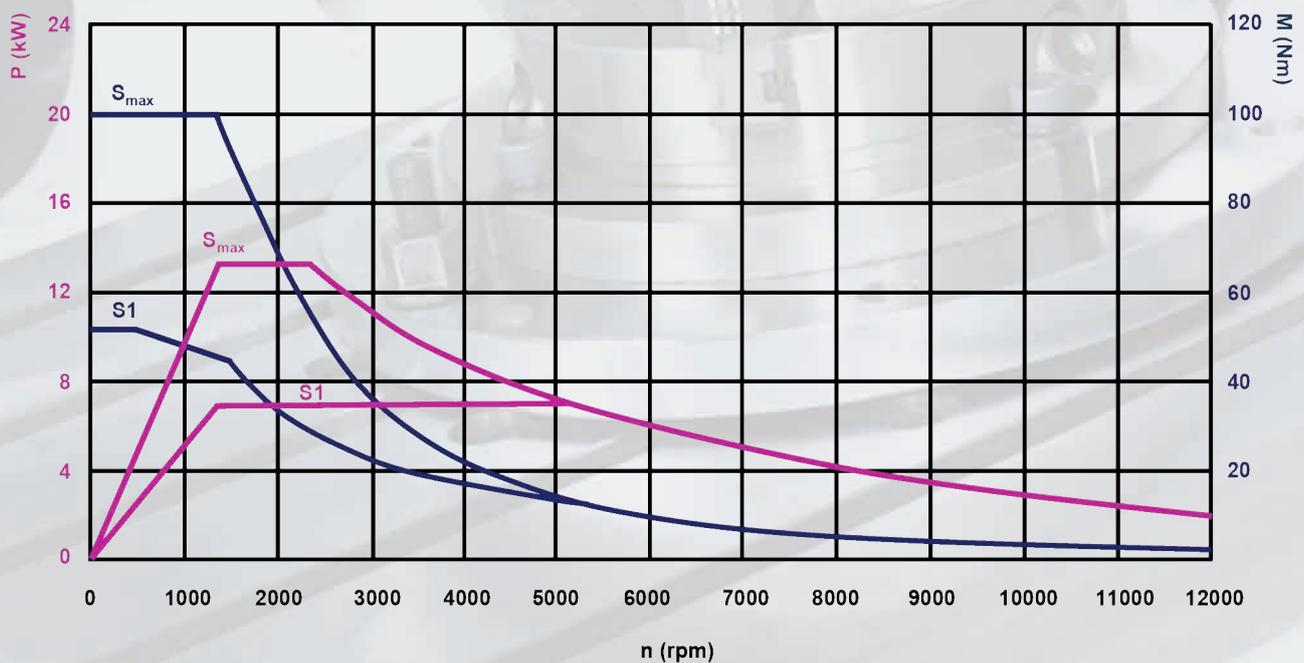


Clamping table U4-630 Compact
Clamping surface on both sides

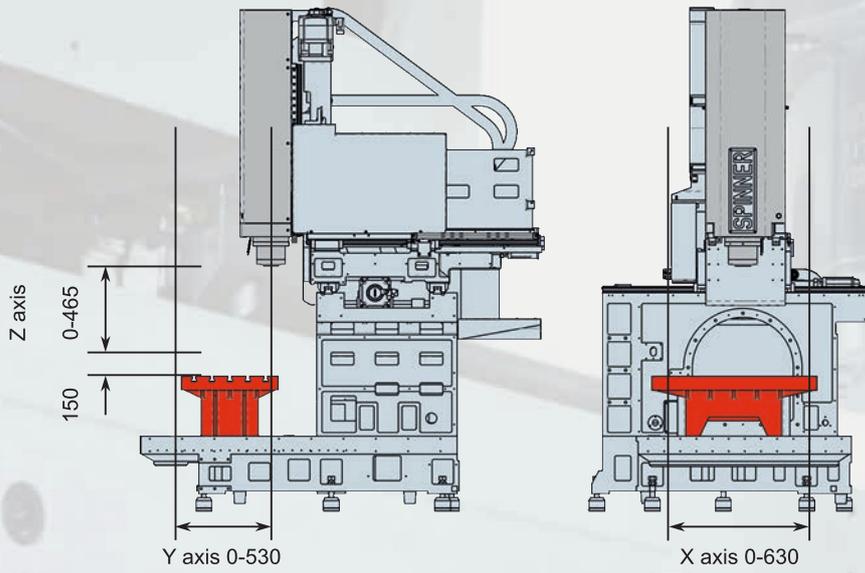
* Option

Working area	U3-630 Compact	U4-630 Compact	U5-630 Compact
X axis	630 mm		
Y axis	530 mm		
Z axis	465 mm		
Table			
Table dimensions	920 x 540 mm	410 x 610 mm ¹⁾ / Ø 560 mm ²⁾	Ø 650 / 500 mm
Max. table load	750 kg	400 kg	500 kg
T-slots	18H8	14H8	18H8
Axes			
Feed / rapide traverse	30 m/min		
Number of simultaneously interpolated axes	3 (4)	4	4 (5)
Spindle			
Max. speed	12.000 rpm (SK40)		
Performance P _{max}	13,3kW		
Torque M _{max}	100 Nm		
Tool magazine			
Number of tool stations	24/32/54		
Max. tool diameter	76 mm		
In case of free adjacent tool stations	130 mm		
Max. tool length	300 mm		
Max. tool weight	7 kg		
General indications			
Dimensions (L x W x H) ³⁾	2750 x 2530 x 2810 mm		
Weight ⁴⁾	~ 8.000 kg (according to the equipment)		

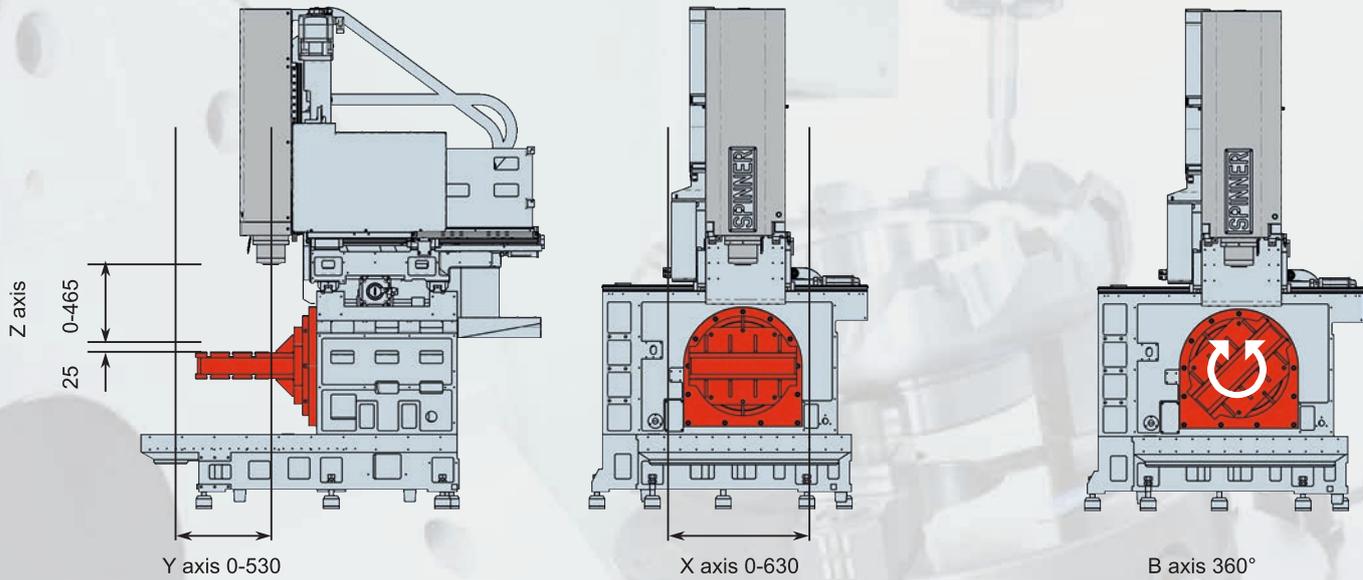
1) Clamping table, 2) Rotary table, 3) See floorplan, 4) Machine net weight



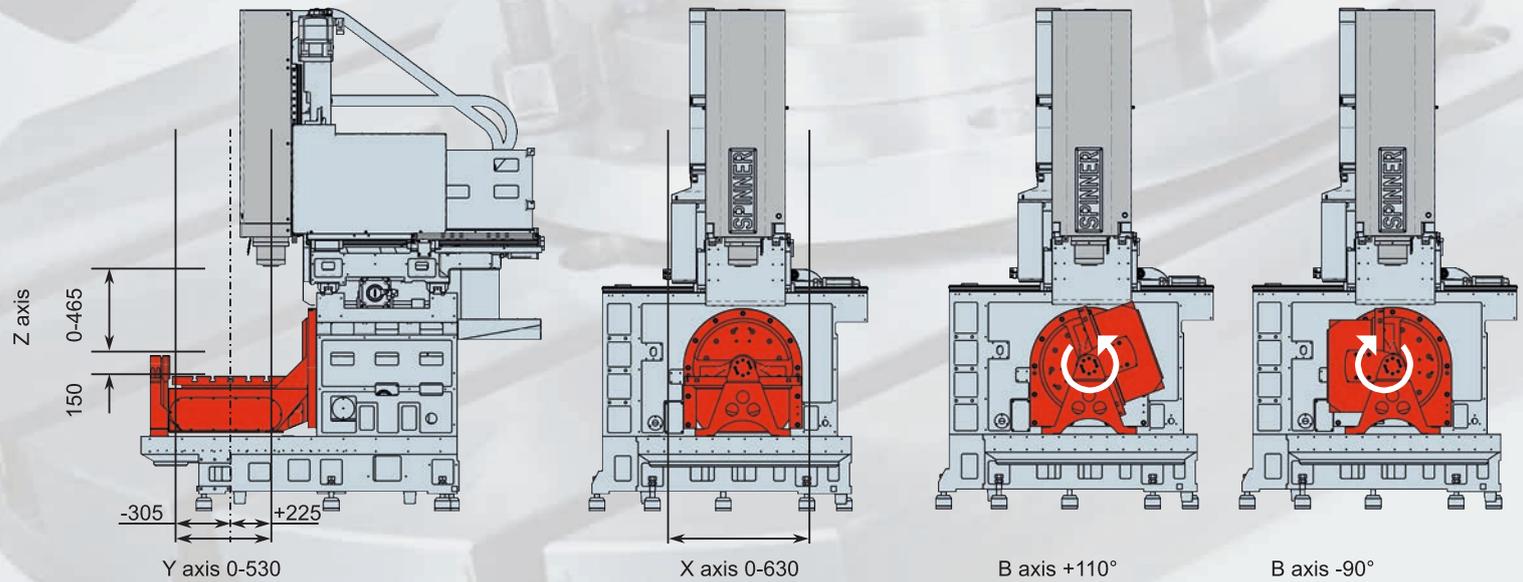
U3



U4



U5



Chip conveyor or
chip box

Switching between
coolant and blow air

Touchscreen:
Siemens 840D-SL or
Heidenhain TNC620



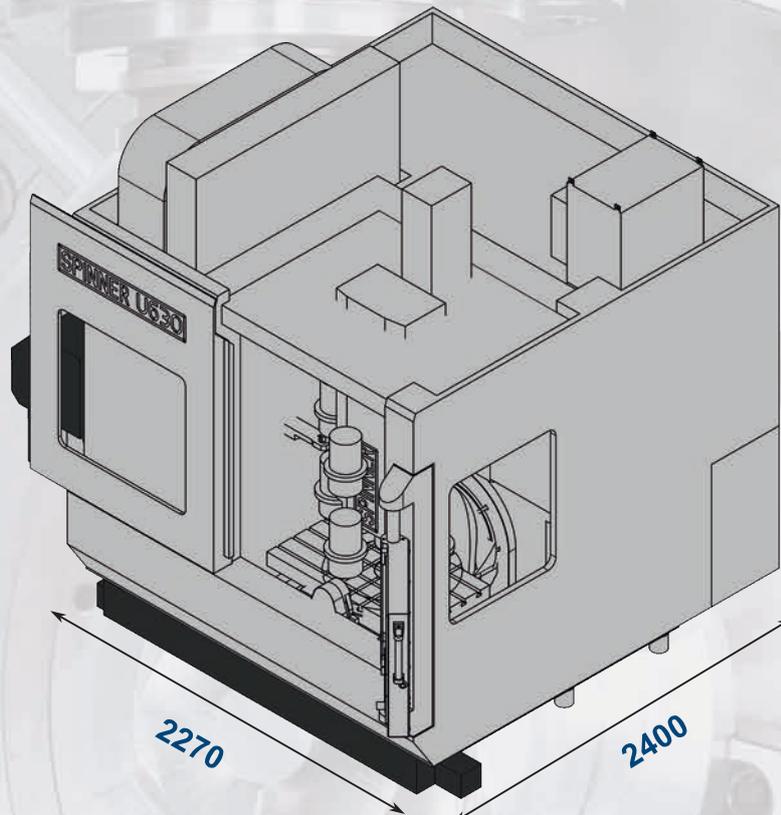
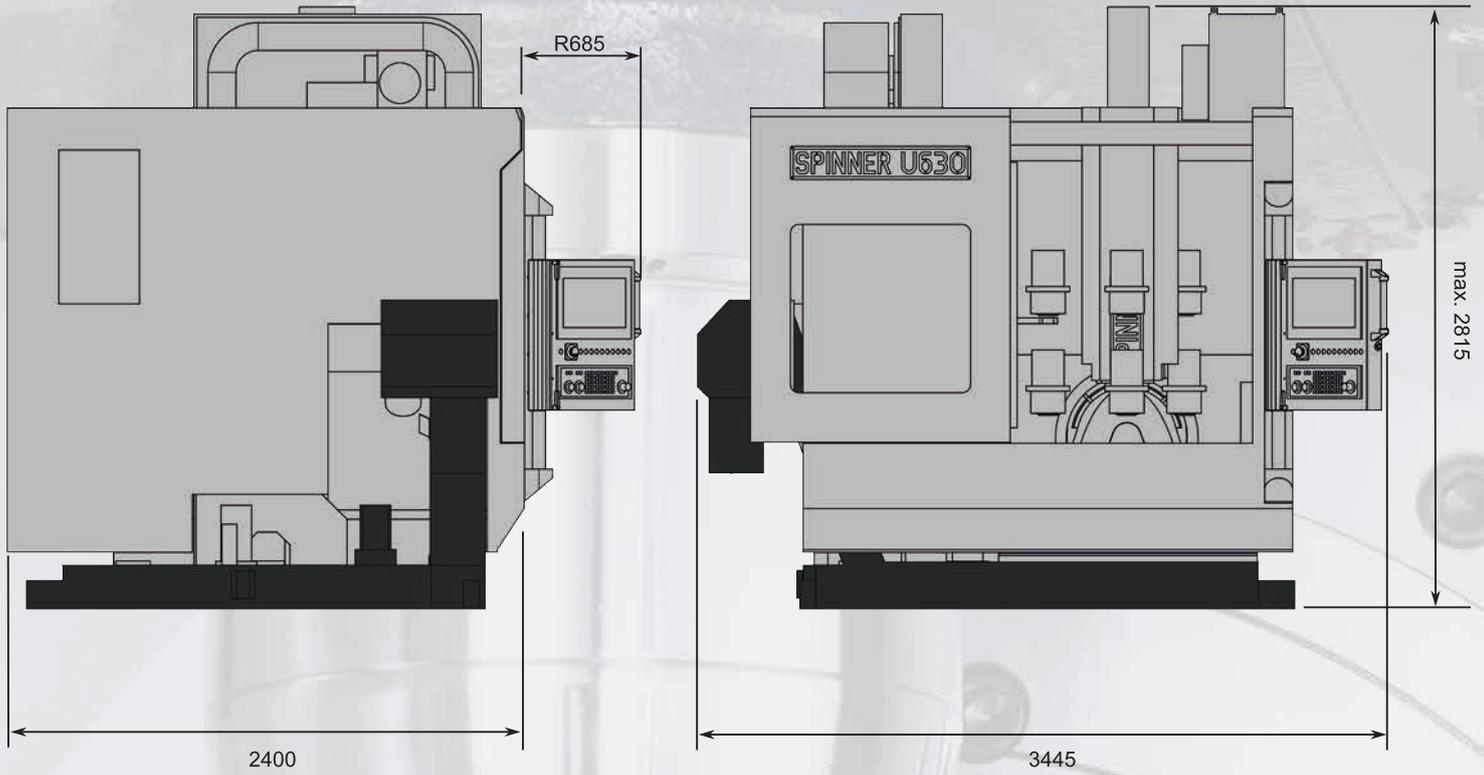
High pressure
coolant 22 bar
through the spindle

Clamping table
for U4-630 Compact

Coolant pistol in
the working area

Direct measuring
systems





Compact dimensions for low space requirement

■ Version with standard chip conveyor



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

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