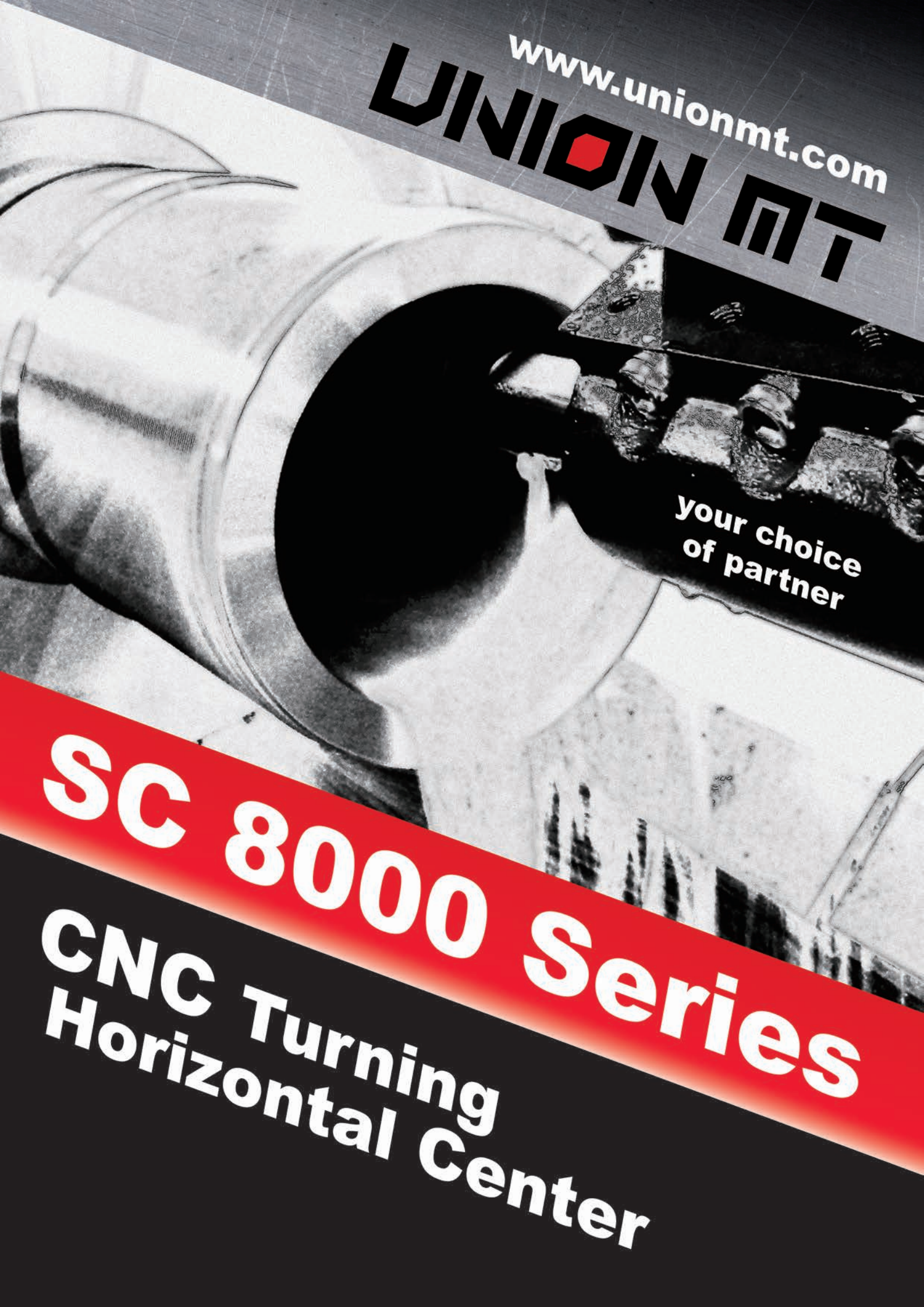




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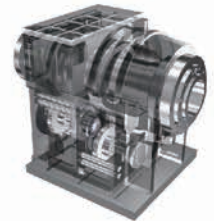
SC 8000 Series

**CNC Turning
Horizontal Center**

Difference Begins From Concepts

Rigid Bed and Base

- Enhanced one piece base and bed structure assure excellent rigidity for heavy duty and precision turning.
- Well hardened, precision ground bed ways and wider guide span feature machine stability and longevity.



Heavyduty and Big Bore Spindle

- Well designed bearing layout of spindle with taper roller bearings and four steps spindle speed ranges ensure heavy duty cutting performance, maximum torque 22632 Nm.
- Spindle big bore capability provide from 6"/8"/9"/12"/14" for versatile cutting conditions.



Workholding Capability

- More workholding options as air, hydraulic and rear manual chuck options provide long workpieces machining capability.
- Friendly access load and unload long workpiece for more efficiency.

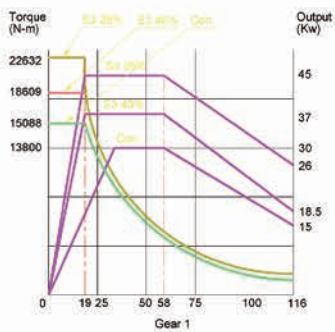
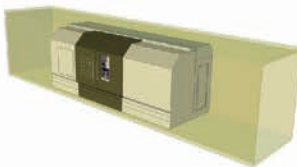


Turret Application

- Servo 12-station turret, with wider tool disc width 220 mm, 750 mm assure heavy cutting capability; VDI 50/ BMT 75 live tooling turret are available for different machining applications.
- Robust boring bar Ø 80 mm for larger drilling capability.

Robust Tailstock

- Robust tailstock structure with MT#6 taper provide heavy-duty cutting and drilling capability.
- Programmable tailstock, live quill, hydraulic steady rest are available options.



CAPACITY	SC 8010	SC 8020	SC 8030	SC 8040
Max. swing diameter	1100 mm (43.31")			
Swing over saddle	1020 mm (40.16")			
Max. turning diameter	1020 mm (40.16")			
Max. turning length	1020 mm (40.16")	2020 mm (79.53")	3020 mm (118.90")	4020 mm (158.27")
Chuck size	18" (Optional 20" / 21" / 24" / 32")			
SPINDLE				
Spindle nose	A2-11 (Optional A2-15 / A2-20)			
Hole through spindle	A2-11 160 (6.30") / A2-15 205 (8.07") 230 (9.06") / A2-20 305 (12.01") 360 (14.17")			
Spindle motor peak power	37 kW (50 HP)			
Spindle peak torque	22632 Nm @19 rpm S3 25%			
X & Z AXIS				
X axis travel	540 mm (21.26")			
Z axis travel	1120 mm (44.09")	2120 mm (83.46")	3120 mm (122.83")	4120 mm (162.20")
X axis rapids	12 m/min. (472 ipm)			
Z axis rapids	16 m/min. (630 ipm)			
X axis servo motor	X axis 9 kW (12 HP)			
Z axis servo motor	Z axis 5.5 kW (7.4 /HP)			
Slide way type	Box Way			
TURRET				
Turret type	Servo drive 12 stations			
Square tool shank size	40 mm (1.57")			
Boring tool shank size	80 mm (3.15")			
TAILSTOCK				
Quill center taper	MT #6			
Quill diameter / travel	200 mm (7.87") / 210 mm (8.27")			
Tailstock base travel	800 mm (31.50")	1800 mm (70.87")	2800 mm (110.24")	3800 mm (149.61")