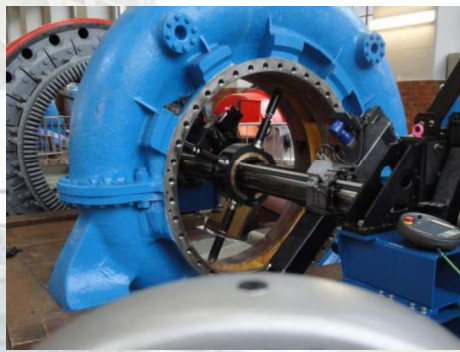


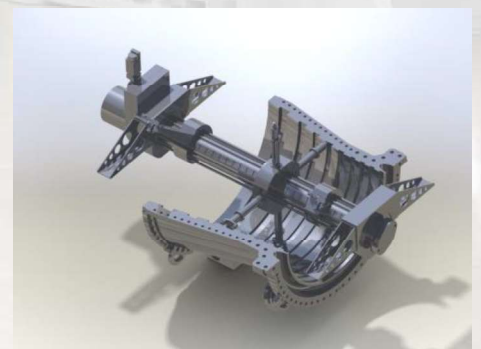
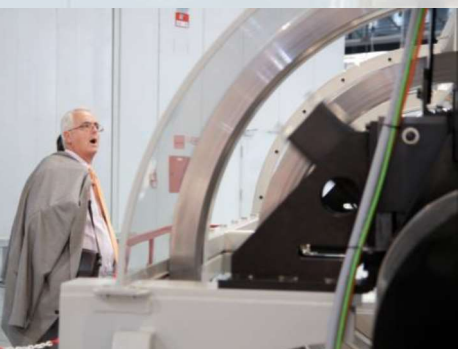
TURNINGATOR

A GREAT **WE** SOLUTION MORE THAN A SIMPLE BORING BAR!

State of the art high precise CNC-technology
with a winning performance



Wysshus offers an innovative solution to quickly
achieve targeted efficiency in power plants and
offers significant benefits as shorter turbine
downtimes and to avoid transport costs.



Wysshus Engineering GmbH
CH-7075 Churwalden, Switzerland
www.turningator.com info@turningator.com



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TURNINGATOR

TECHNICAL SPECIFICATIONS

DRIVE AND CONTROL

Control: Siemens 840 D
Drive system: applied torque 2500 - 15'000 Nm
Power: T2000 – 28 kW / T4000 – 63 kW
Frequency 50 Hz / 60 Hz
Ramp-up time: 0-70 [1/min] in 2.5 sec

PRECISION

ISO H7 can be maintained
Positions are fed back to the controller via the rotary encoder
Exact positions do through glass ruler positioning.
Direct measuring system based on a linear guide
Machine accuracy according to VDI / DGQ 3441

PROCESSING

Cutting speed 350 m/min (13'780in/min)
Surface roughness: Ra 0.8 - Ra 0.4
Cutting depth: 4mm – cast
3mm - steel
Chip volume in liters per hour: 25 [dm³/h] (5.5gal/h)

WEIGHT

Weight of individual models
Turningator 2000: approx. 3000 kg
Turningator 4000: approx. 6000 kg
Turningator 6000: approx. 8000 kg

All technical specifications are depending on several factors such as tool, material, depth of cut, stability, environmental und conditions.

APPLICATION DIMENSIONS

TURNINGATOR 2000

Machining
Diameter: 600 mm - 2'400 mm (23" – 95")
Length: 1'000 mm - 6'000 mm (39" – 236")
Speed: 70 rpm
Drive shaft: Ø 200 mm (8")
Torque: 2'500 Nm

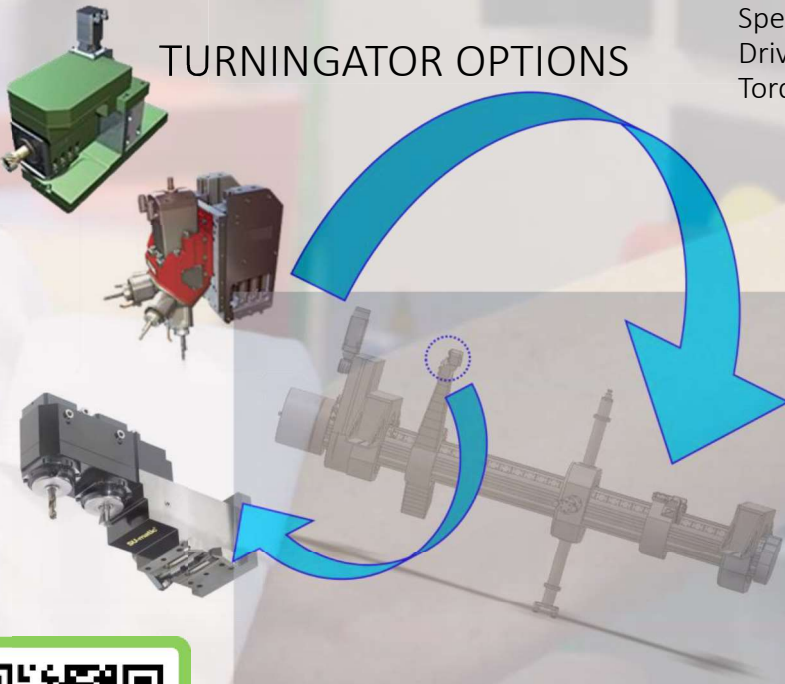
TURNINGATOR 4000

Machining
Diameter: 1'400 mm - 5'200 mm (55" – 205")
Length: 2'000 mm - 8'000 mm (79" – 315")
Speed: 30 rpm
Drive shaft: Ø 600 mm (24")
Torque: 7'500 Nm

TURNINGATOR 6000

Machining
Diameter: 2'000 mm - 8'000 mm (79" – 315")
Length: 3'000 mm - 10'000 mm (118" - 394")
Speed: 20 rpm
Drive shaft: Ø 700 mm (28")
Torque: 15'000 Nm

TURNINGATOR OPTIONS



The TURNINGATOR is a powerful and high efficient mobile CNC processing center. Thanks to the latest Siemens CNC technology the TURNINGATOR will be brought quickly and simply operational. Operator friendly- and safety orientated design will help to fulfil your requirements. Thanks to the high revolution machining most advanced machining tools can be applied. Wherever your application is located – the TURNINGATOR will find his way safely loaded in a conventional overseas container by truck, ship, train or even air.

The TURNINGATOR is an perfect solution to massively reduce downtime and costs.

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