

RT-3 SP RANGE



HIGH PRECISION LATHES

REALMECA

RT-3 SP FAGOR



RT-3 SP SIEMENS



RT-3 SP FANUC





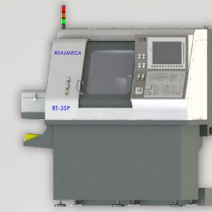
RT-3 SP FAGOR

- **FAGOR** CNC system
- **8055i Power** version
- 10" screen
- Electronic handwheel on operator console
- 1 Mo internal memory
- USB port x1
- Ethernet interface



RT-3 SP SIEMENS

- **SIEMENS** CNC system
- **SINUMERIK ONE** version
- 19" FULL HD color LCD touchscreen
- Electronic handwheel on operator console
- 8 Mo internal memory
- 6 Go external memory
- USB port x1
- Ethernet interface
- SIEMENS cycle Turning, drilling, cutting, roughing, rigid tapping.
- Engraving, milling, pocket contouring, and turning cycles,
- Side surface transformation Transmit
- Cycle programming assistance
- SHOPTURN programming
- 3D simulation of finished part
- 2D simulation
- Simultaneous drawing during machining
- Remaining material detection
- Available languages: French / English / German / Italian / Spanish

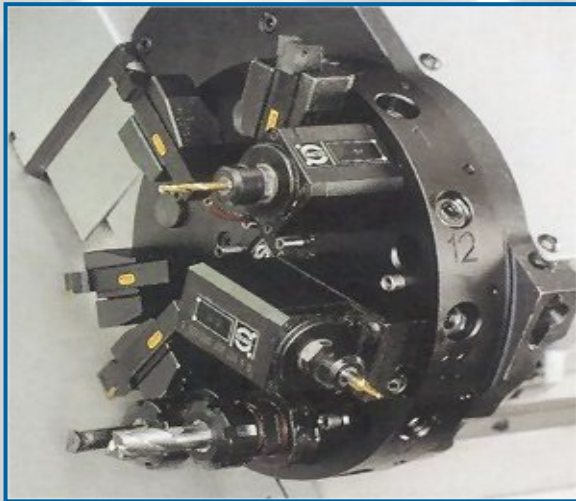


RT-3 SP FANUC

- **FANUC** CNC system
- **32iB+** version
- 10.4" or optional 15" color LCD screen
- Electronic handwheel on operator panel
- 4 MB internal memory
- 1 GB external memory
- USB port x1
- Ethernet interface
- FANUC cycle Turning, drilling, cutting, roughing, rigid tapping.
- Milling cycles, pocket contouring and face milling, Side surface transformation
- Cycle programming assistance
- Manual Guide, Manual Guide programming
- 3D part simulation
- 2D simulation
- Languages French/English

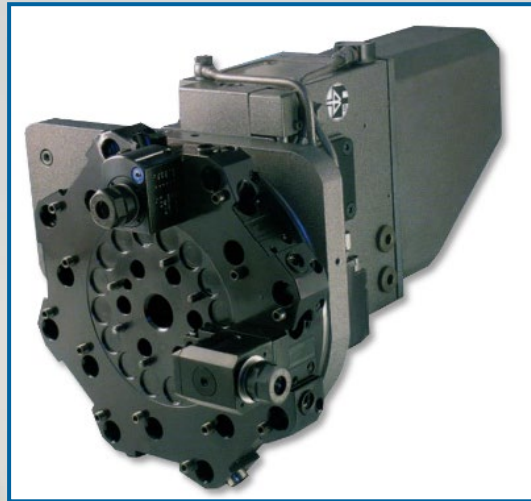


RT-3 SP FAGOR



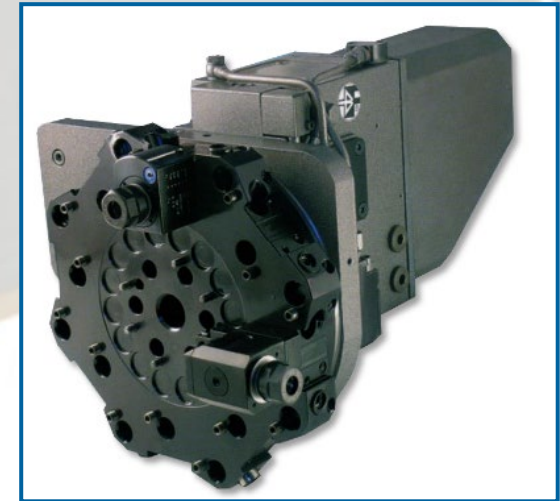
- VDI 16 turret - 12 stations
- 6 live tooling stations, 6 000 rpm, 1kW
- C-axis

RT-3 SP SIEMENS



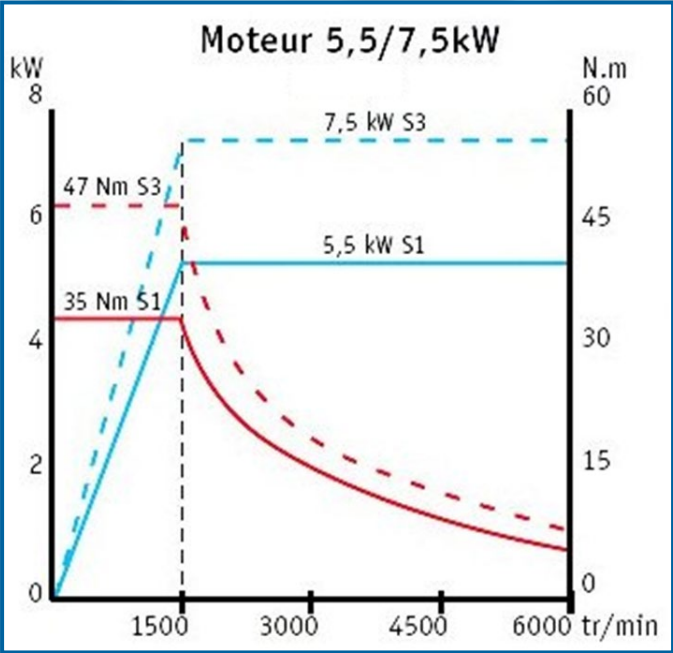
- BARUFFALDI TBMA100 turret
- VDI 16 - 16 stations
- 8 live tooling stations, 6 000 rpm, 1,5kW
- C-axis

RT-3 SP FANUC

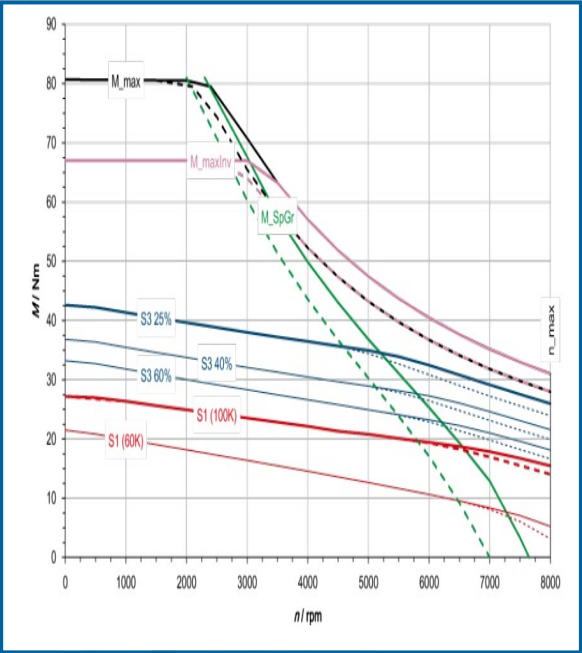


- BARUFFALDI TBMA100 turret
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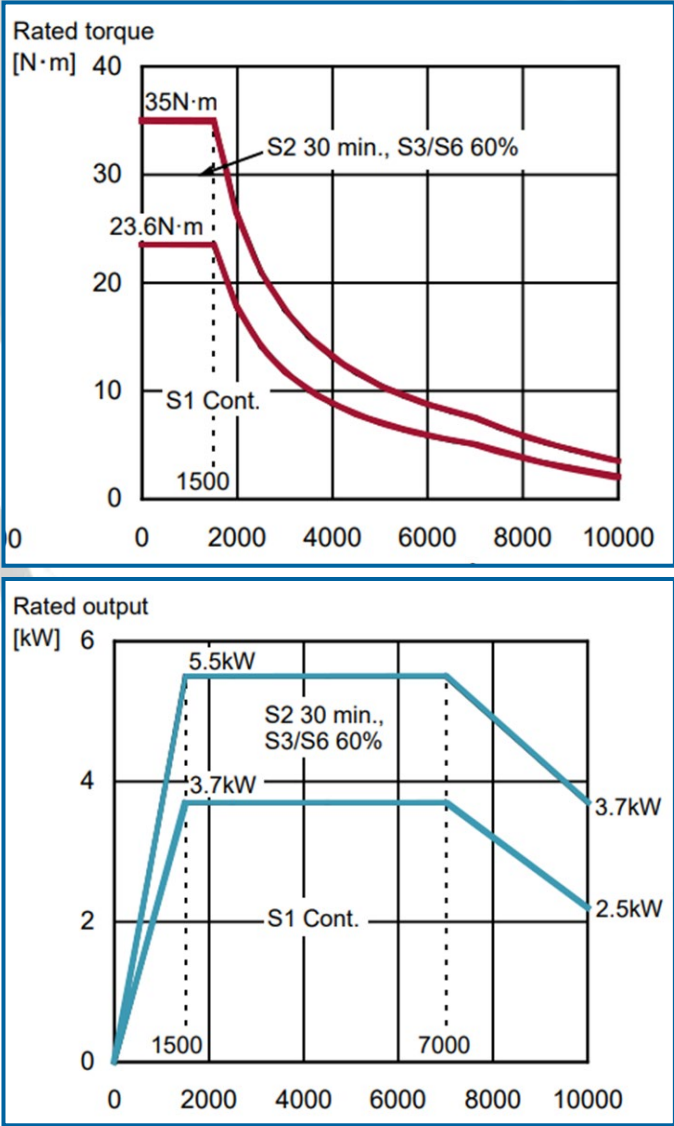
RT-3 SP FAGOR



RT-3 SP SIEMENS



RT-3 SP FANUC

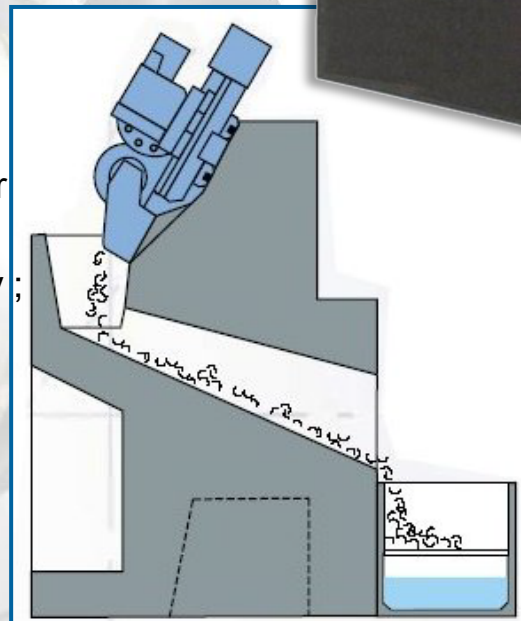
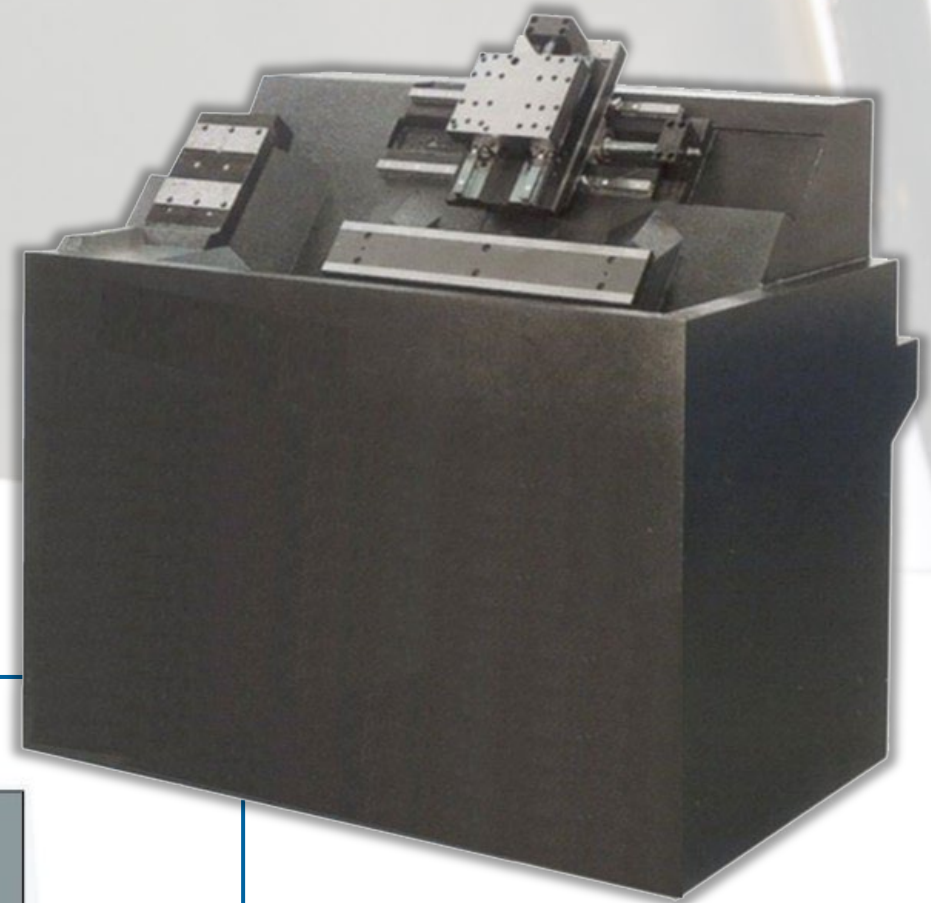


	FAGOR	SIEMENS	FANUC
CNC	FAGOR 8055i Power	SIEMENS ONE	FANUC 32iB+
CAPACITY			
X axis	125 mm		
Z axis	325 mm		
Between centers	650mm 580 mm with tailstock		
Tailstock	CM2		
C axis	360 000 x 0,001°		
SPINDLE			
Max. speed	6 000 rpm		
Max. rating	5,5/7,5 kW	7,5/9 kW	3,7/5,5 kW
Spindle nose	Ø 90 mm		
Bar capacity	32 mm		
FEEDRATES			
Max. cutting	15 m/min	30 m/min	25 m/min
Rapids	15 m/min	30 m/min	25 m/min
C axis	6000 tr/min		
Precision	0,1µ / 0,001°		
VDI 16 TURRET			
Capacity	12 stations	16 stations	
Number of live-tool position	6 stations	8 stations	
SIZE / MASS			
Length / Width / Height	2000 x 1790 x 1725 mm	1825 x 1600 x 1795 mm	
Weight	2800 kg		

BUILT like a ROCK

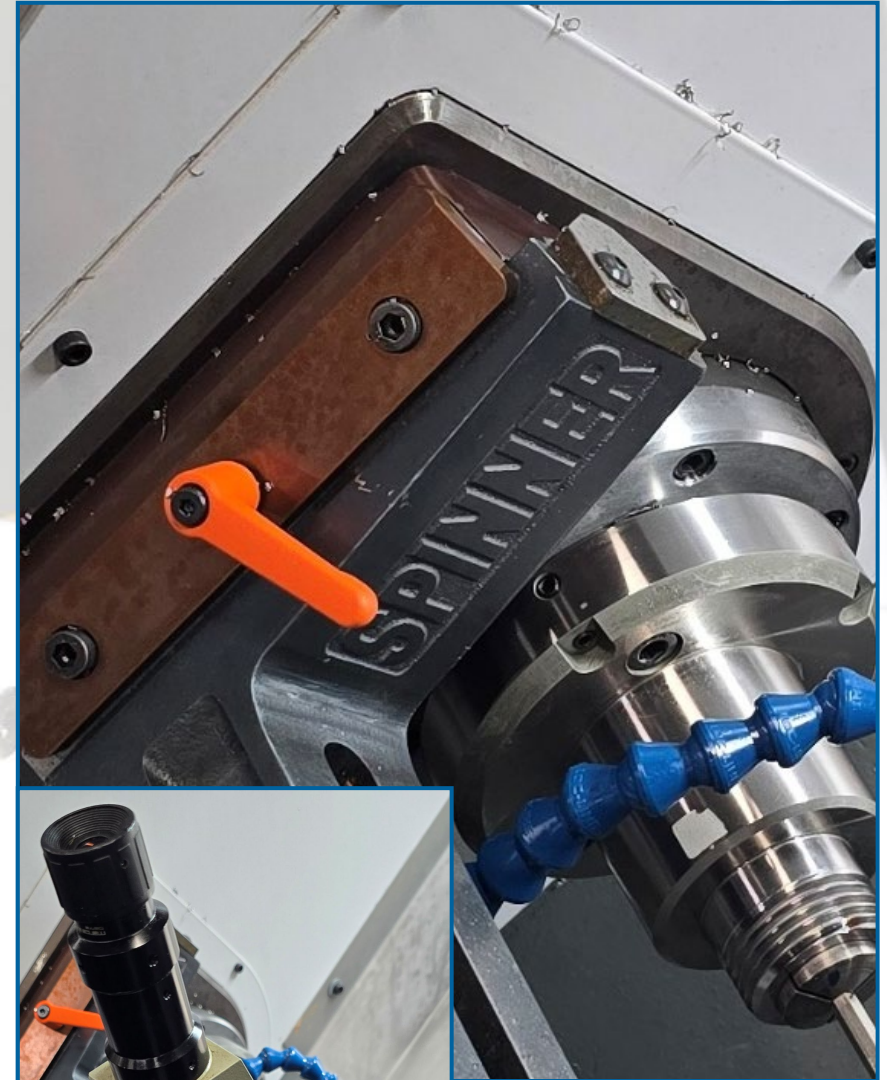
A lathe of small capacity and high precision, designed for micromechanics :

- Made for low-to-medium production volumes ;
 - Its bed is made of a composite material of high-density guarantying :Vibration absorption,
 - High stress resistance,
 - Thermal stability;
- High speed spindle ;
- Designed for easy chip evacuation ;
- High-precision, selectively sorted needle roller guides ;
- 2µm flatness, parallelism and perpendicularity ;
- Short drive chain ;
- Phosphate treatment of metal surfaces.



50° slope inside the bed.

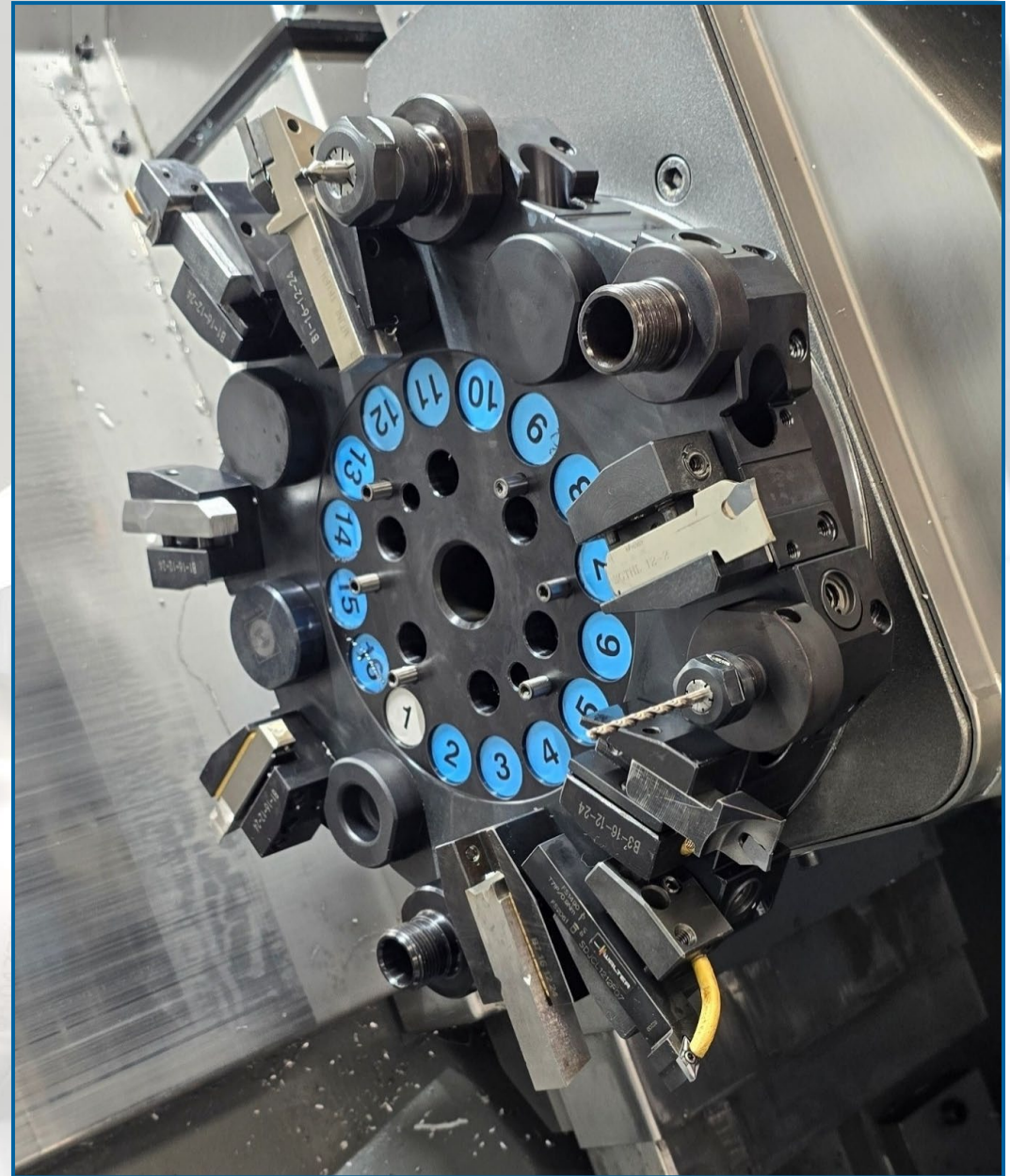
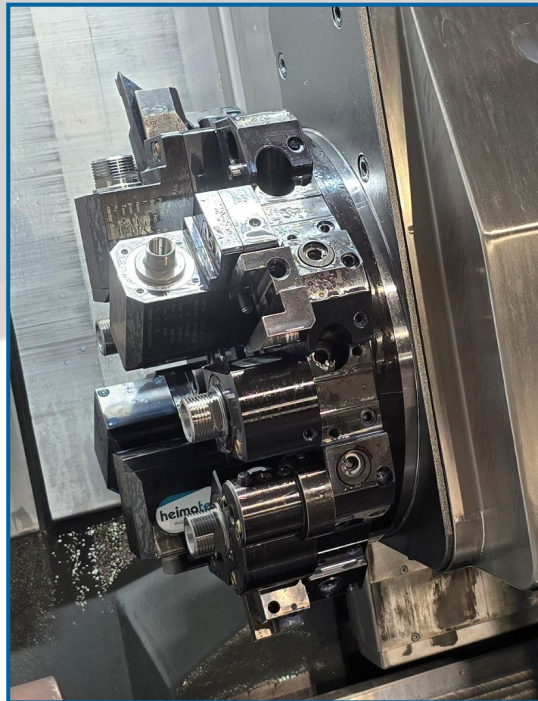
Easy chip evacuation at the back of the machine.

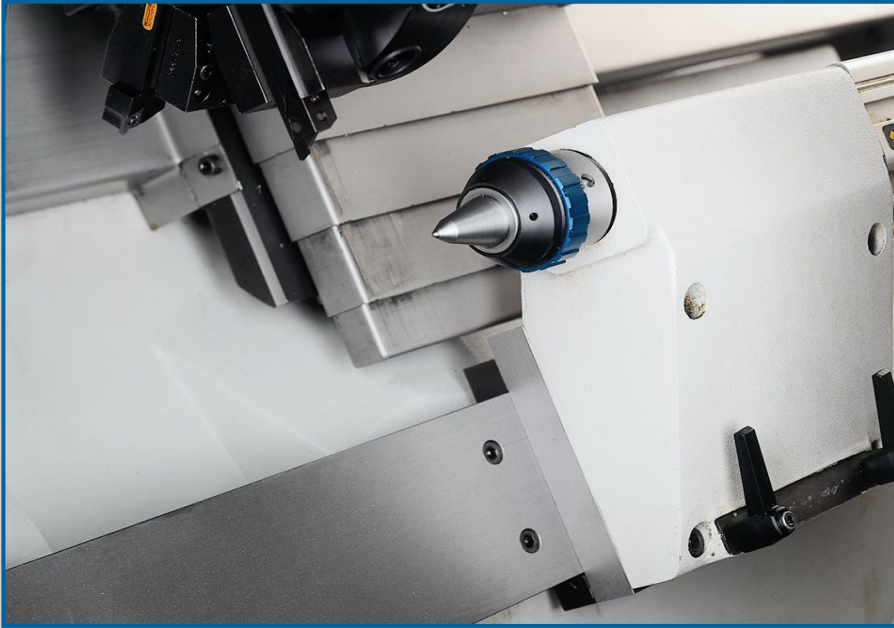


SPINNER OPTICAL TOOL MESURING

TOOL DISK:

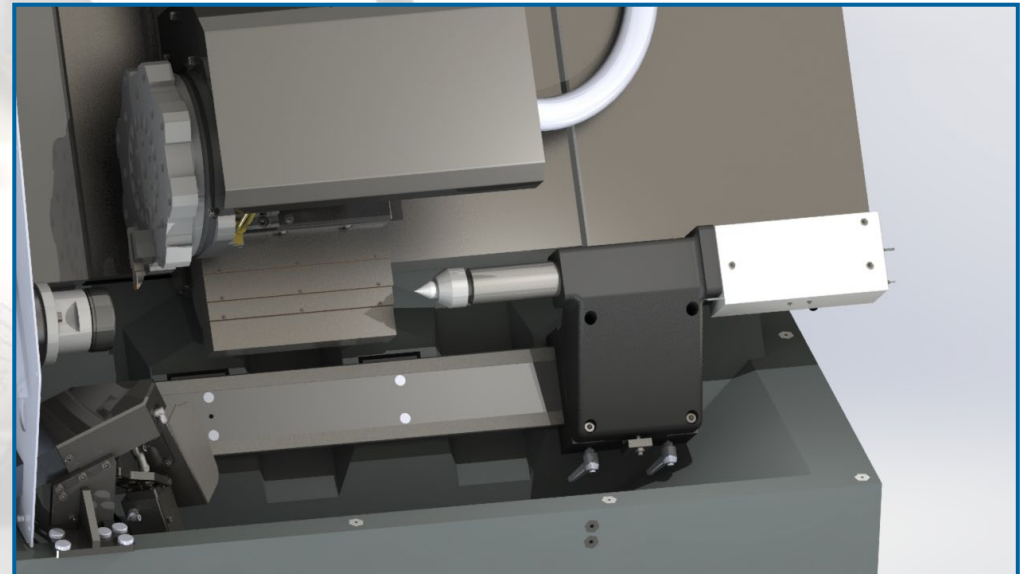
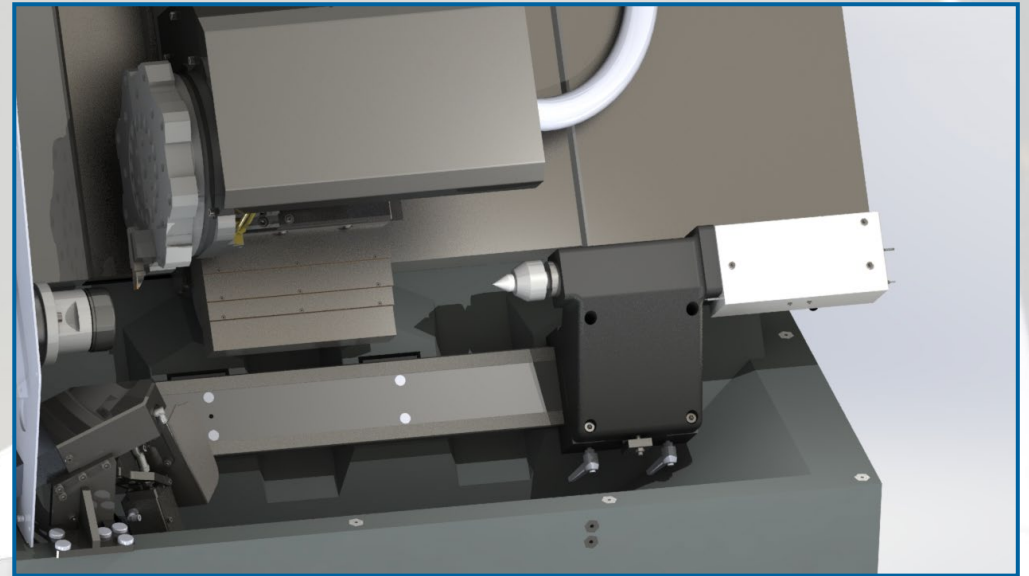
- 16 stations VDI16 turret
- 8 live-tooling stations
- Numbered tool disk
- Uses VDI and TBM toolholder

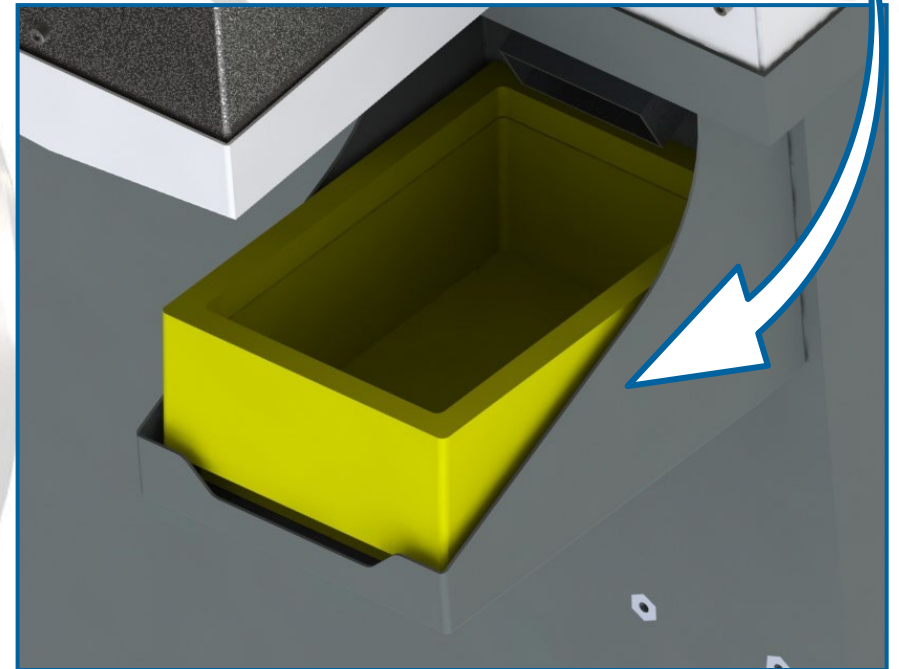
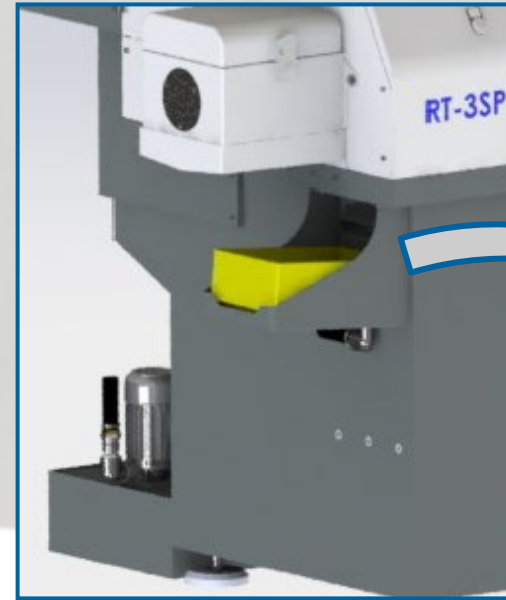
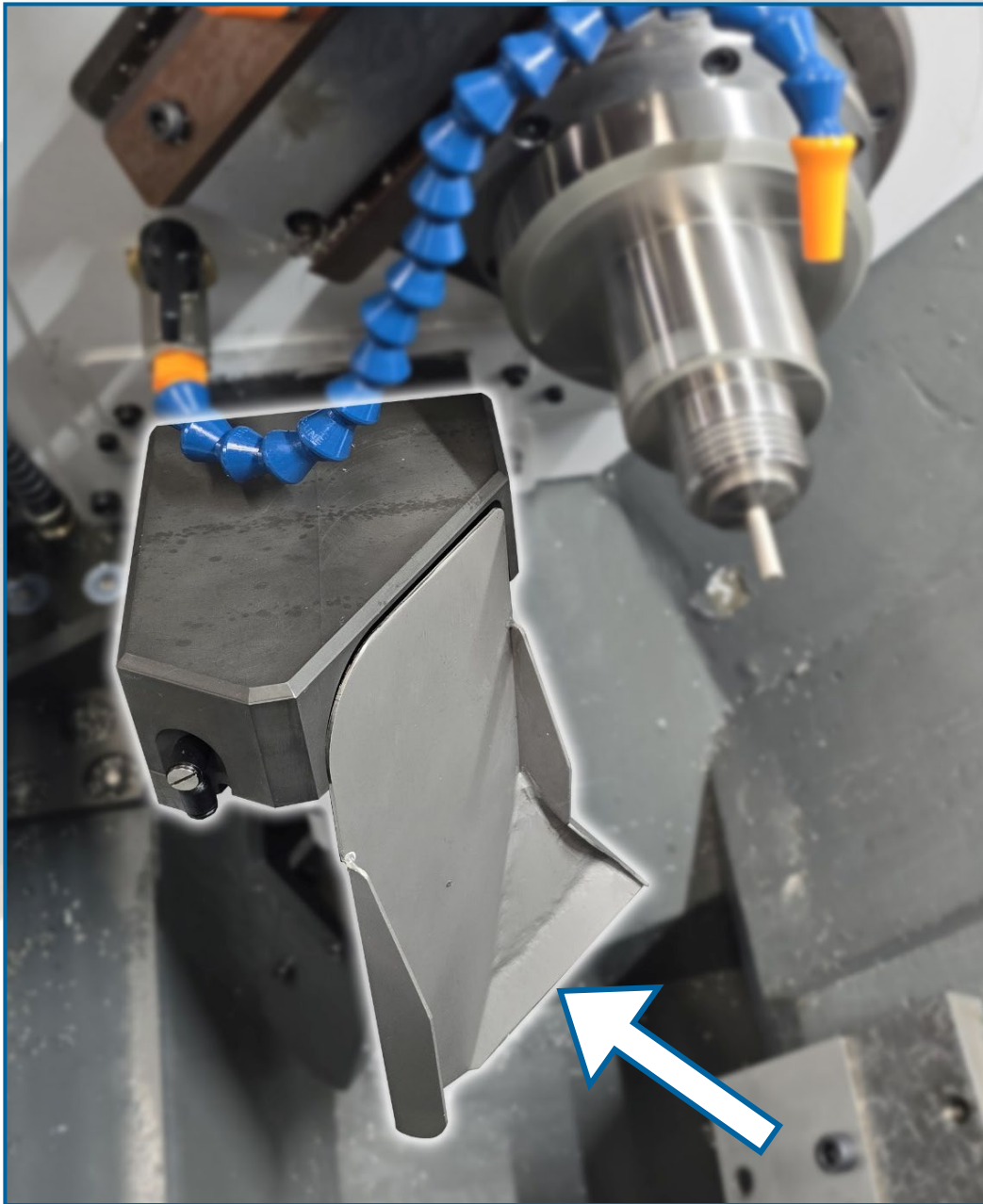


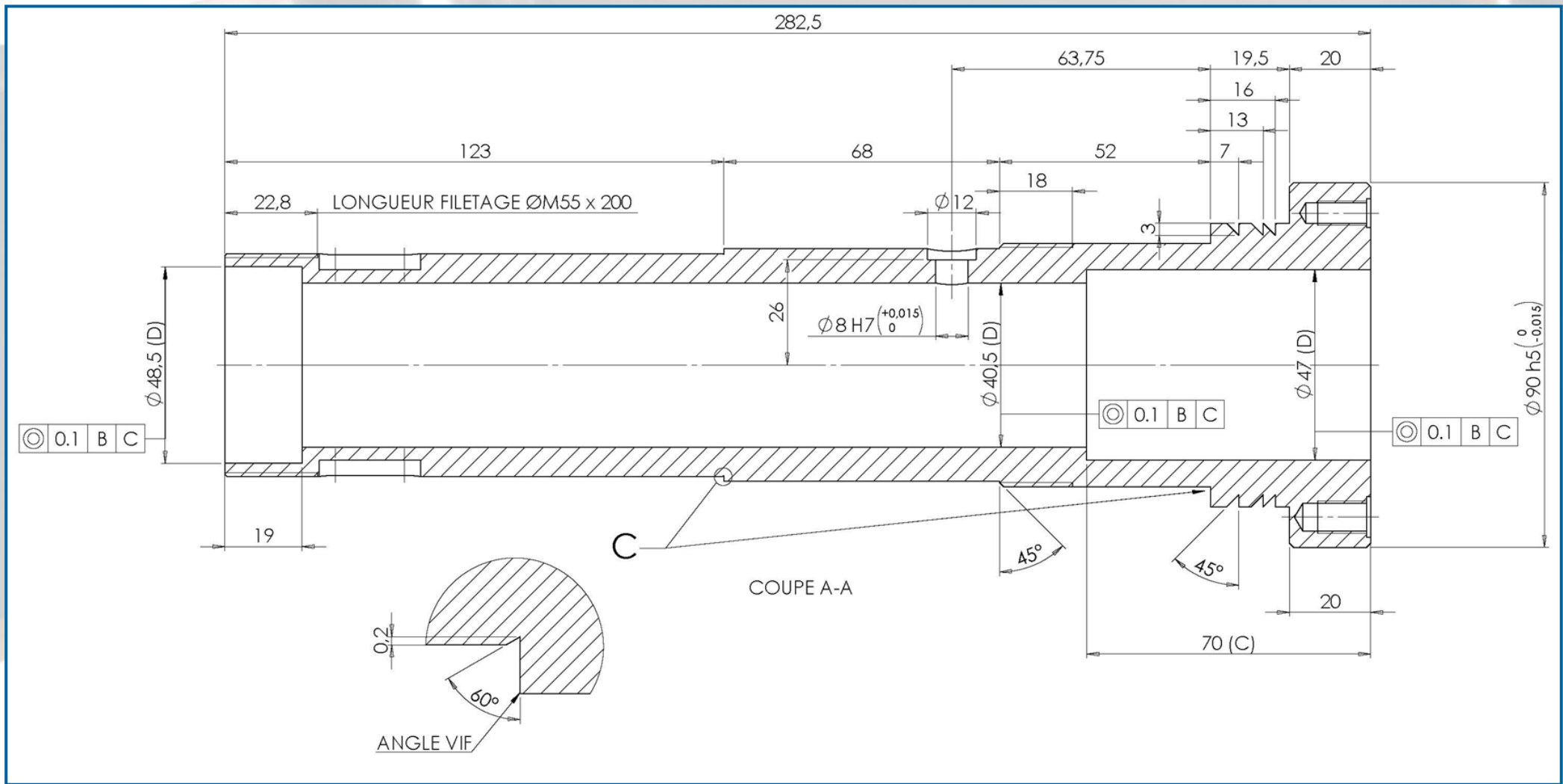


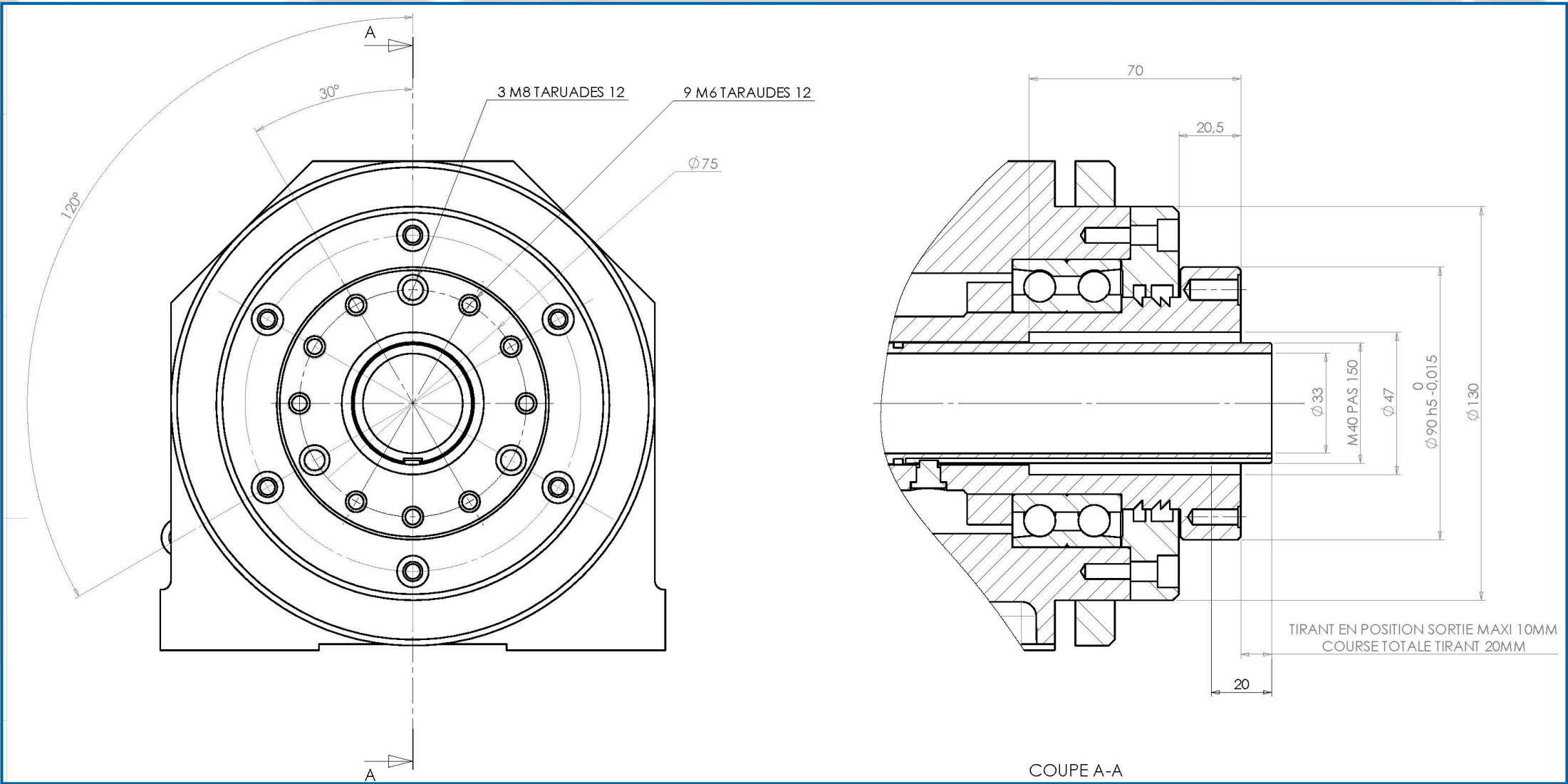
TAILSTOCK :

- Manual positioning
- Pneumatic sleeve movement











B



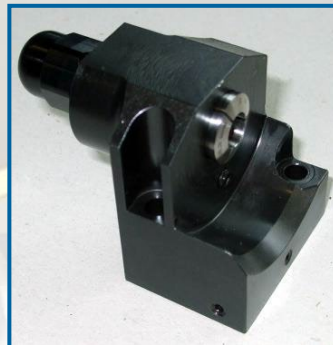
C



E2



E4



TMB100 / W



TBM100 / D



ESX Tapping head straight

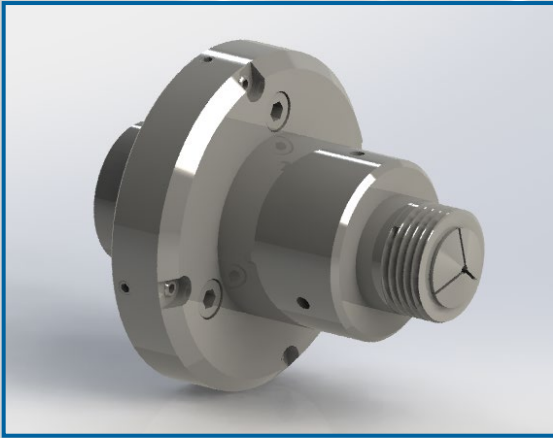


ESX Milling head angled

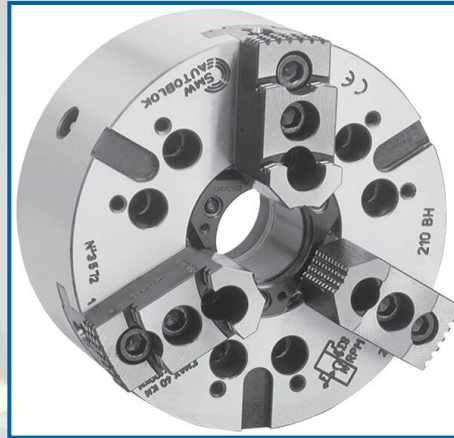


TBM100 Cut-Off

Draw-type gripper holder
5C or **W20-25** or **B32**



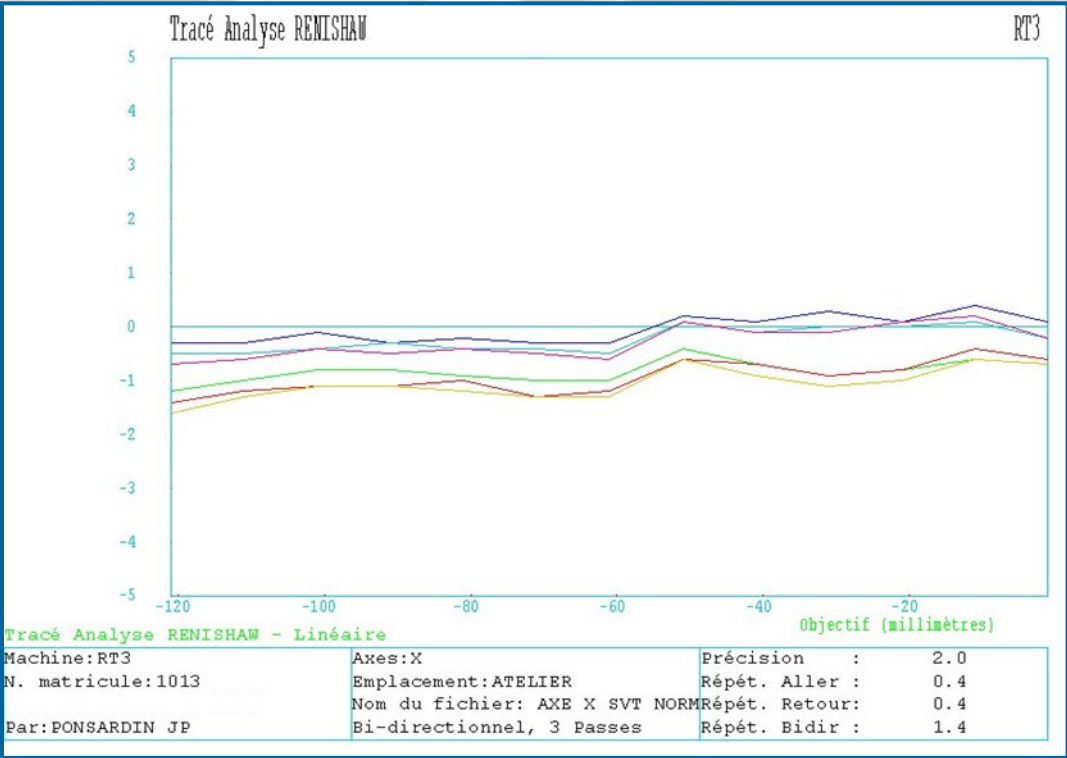
2, 3 or 4 jaws chuck,
 $\varnothing 130$



Pressure-type gripper
holder **F27-28-38**

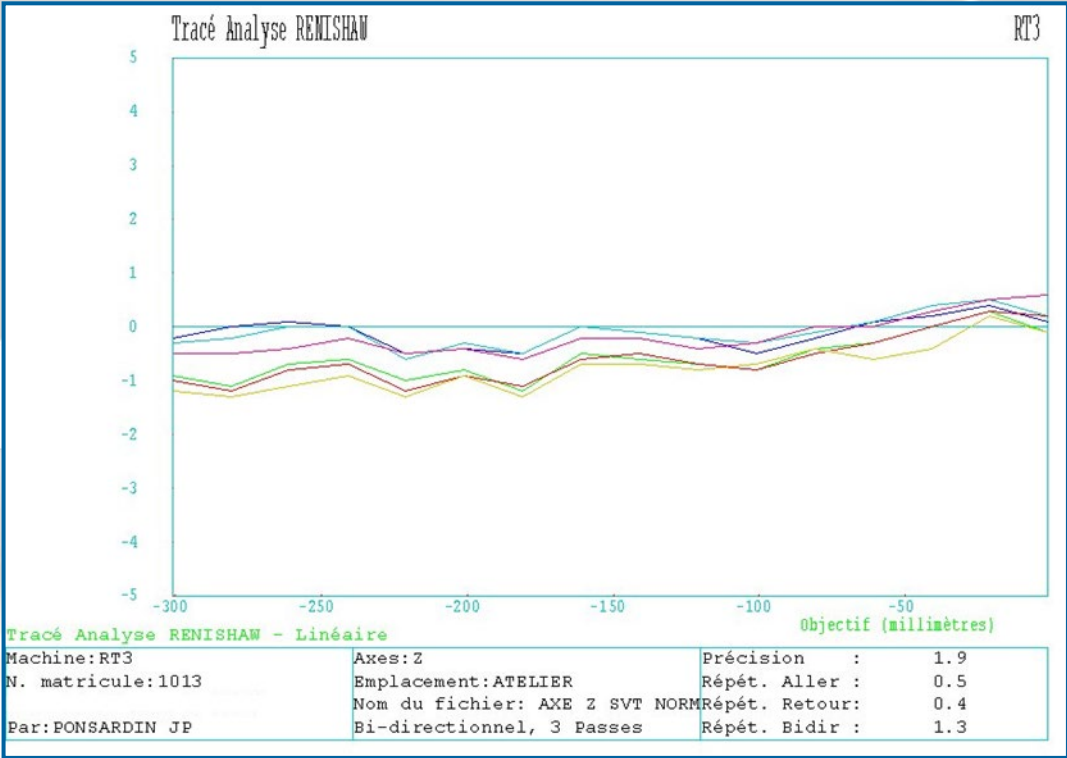


X-axis

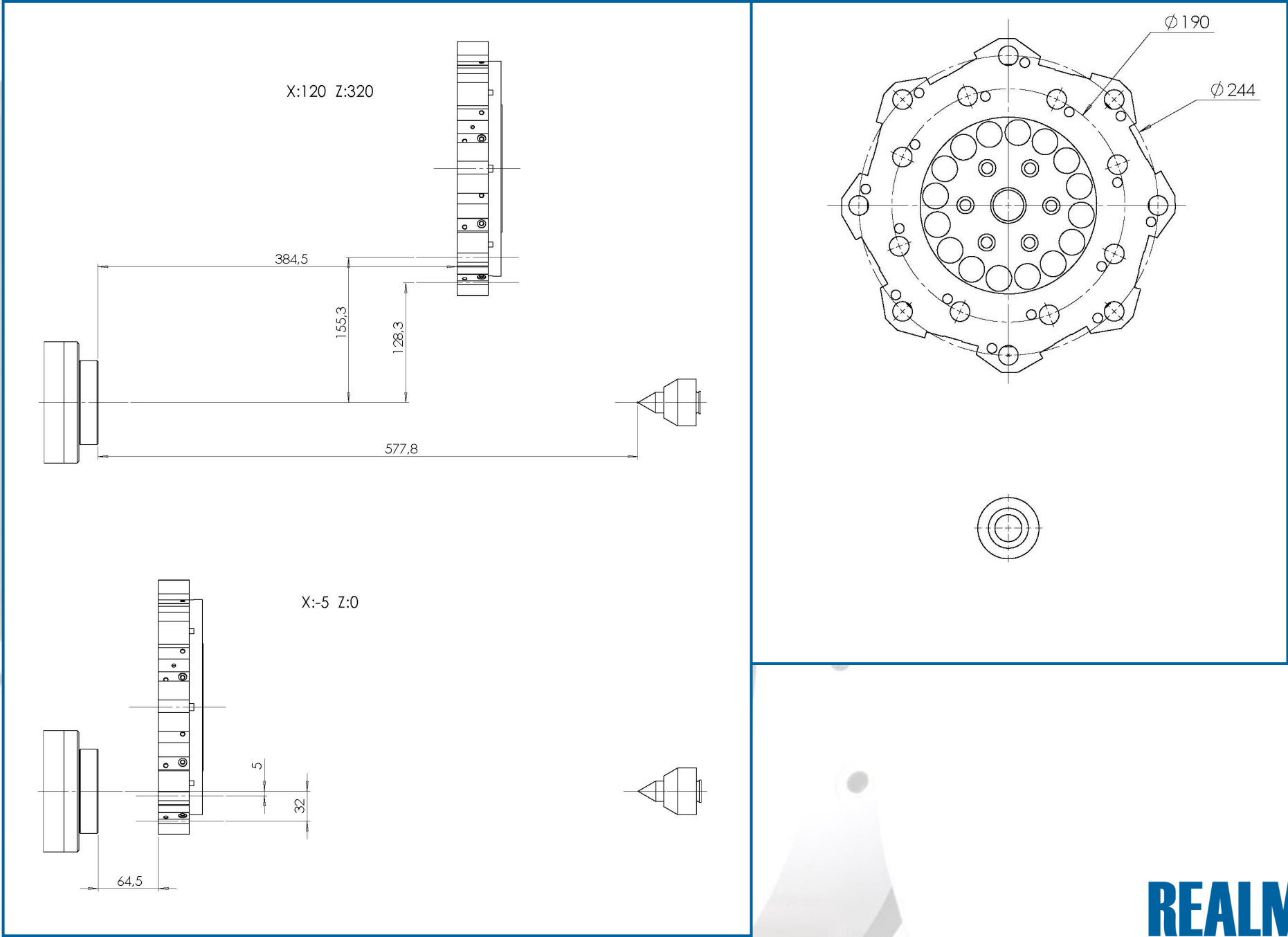


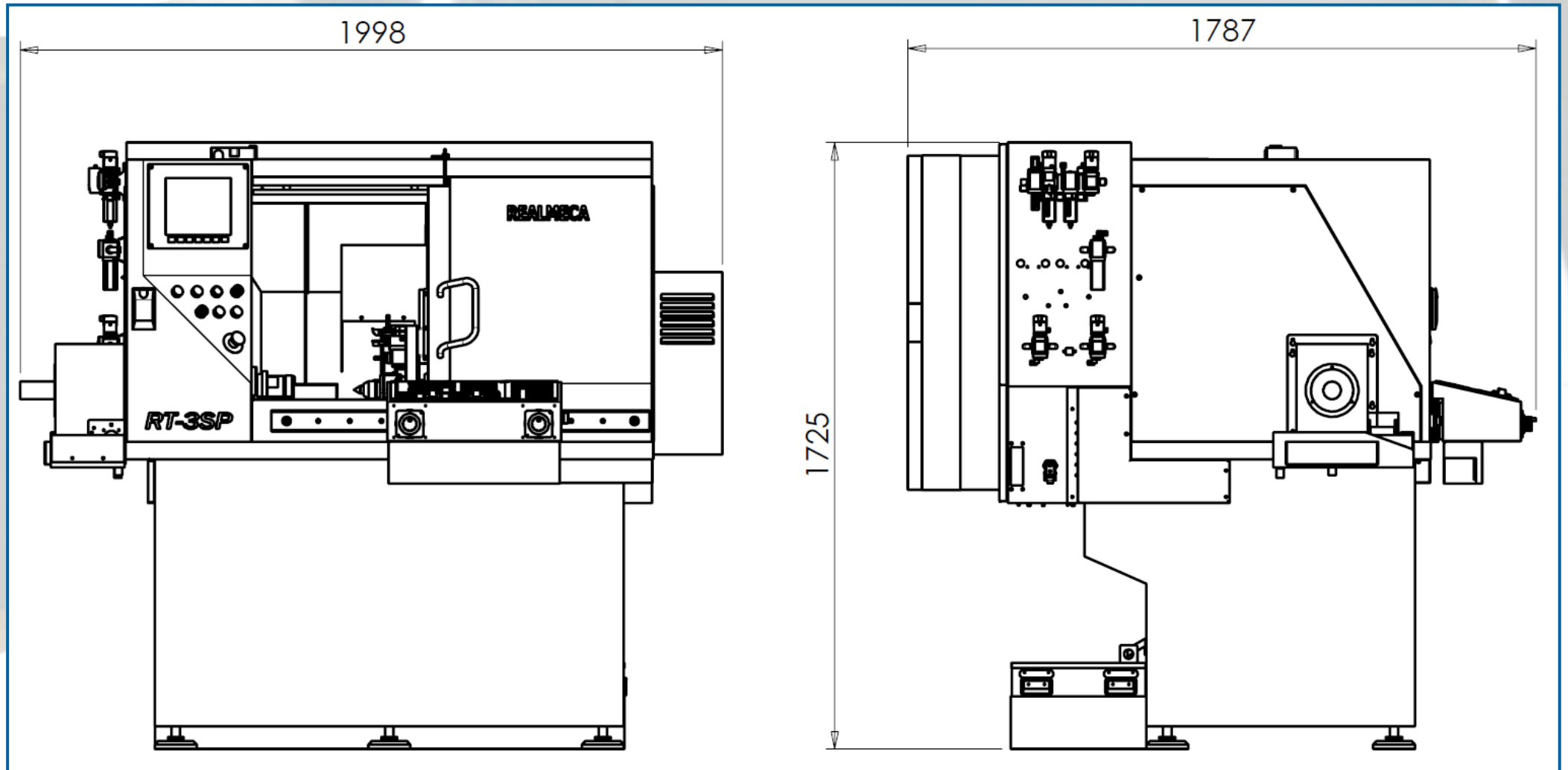
Accuracy : 2.0
Forward repetition : 0.4
Backward repetition : 0.4
Bidirectional repetition : 1.4

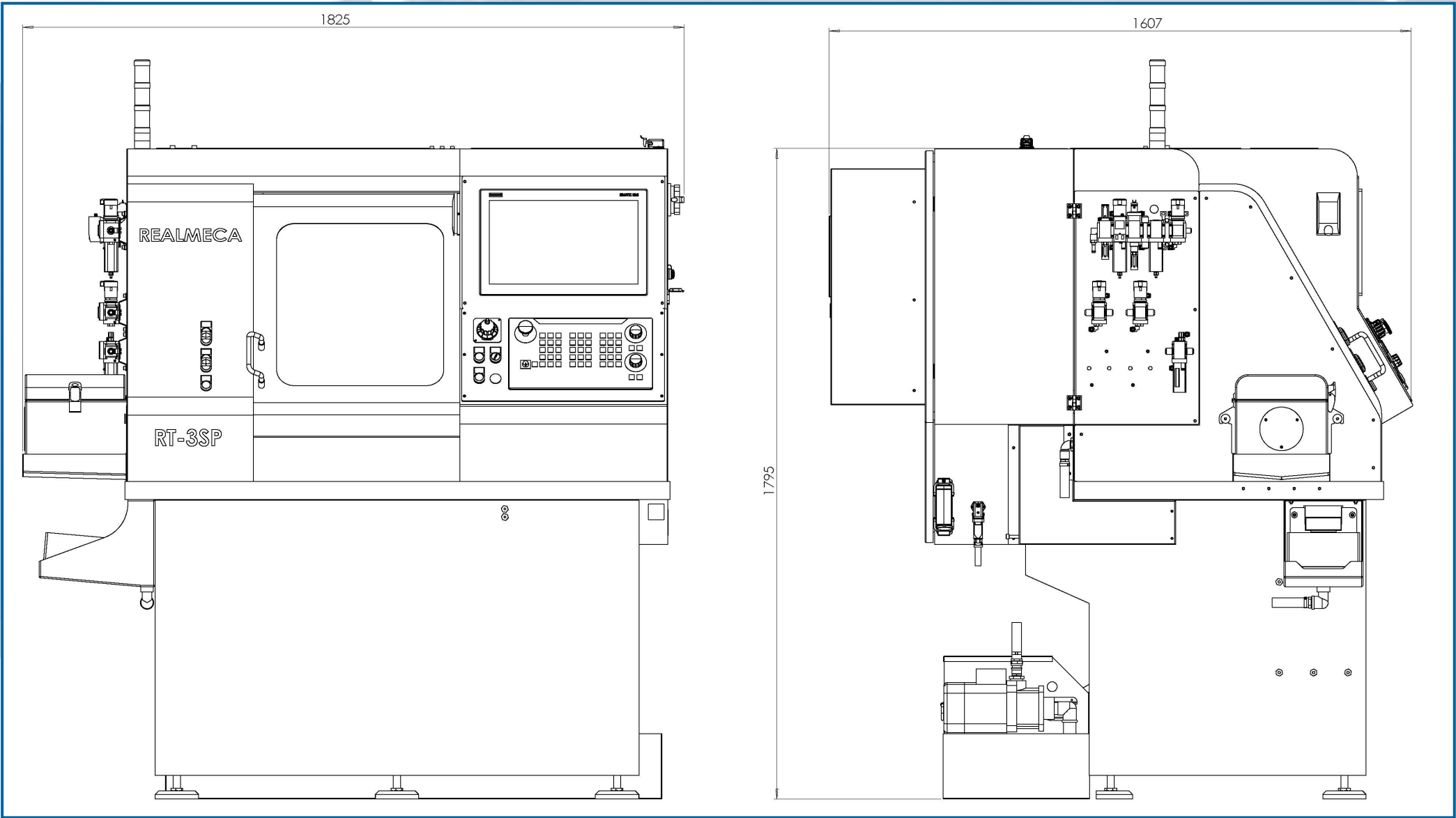
Z-axis



Accuracy : 1.9
Forward repetition : 0.5
Backward repetition : 0.4
Bidirectional repetition : 1.3







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