

High-speed Applications

SLIMLINE / TURBOFLEX / LEONARDO

SECTORS

-  *Aerospace*
-  *Automotive*
-  *Medical equipment*
-  *Die&Mold*
-  *Jewel & Watch manufacturing*
-  *Fashion*

APPLICATION

- Micro Drilling*
- Small milling*
- Deburring*
- Polishing*
- Engraving*
- Chamfering*
- Grinding*
- Threading*



SLIMLINE MECHANICAL DRIVEN UNIT

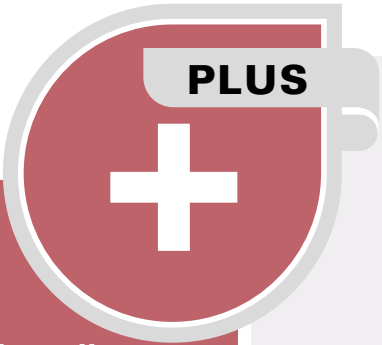
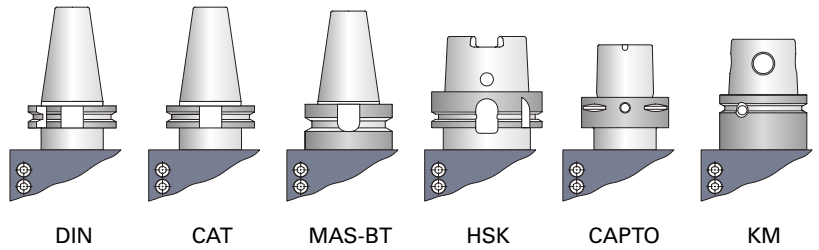


UP TO 15.000 RPM



Available with different output spindle

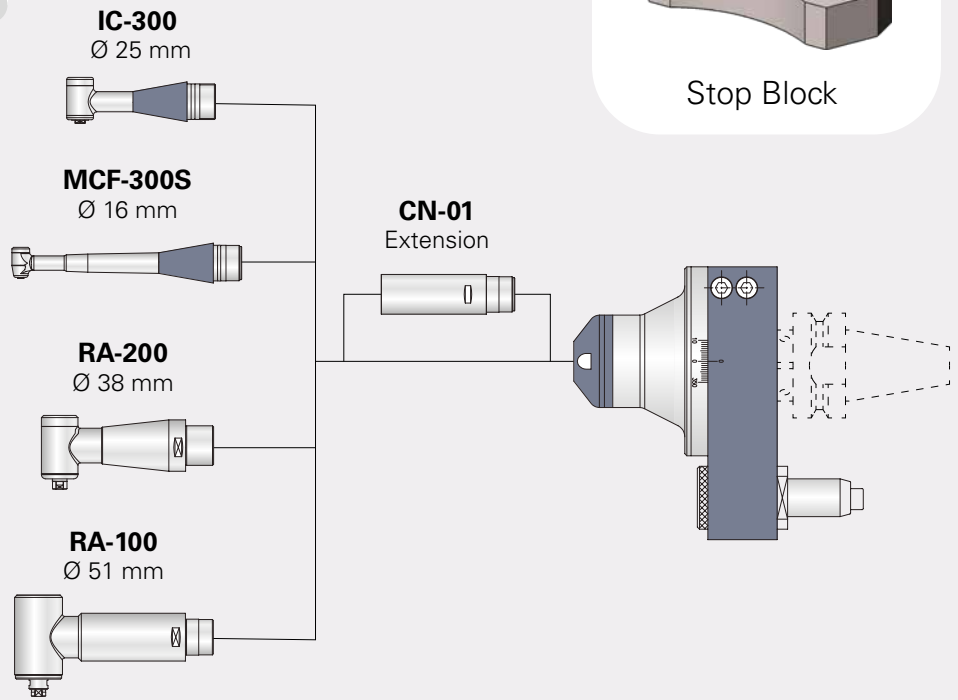
Available with different input spindle



- Easy to install
- No maintenance
- Quick replacement of spindle
- 1 micron precision
- Automatic tool change



Stop Block



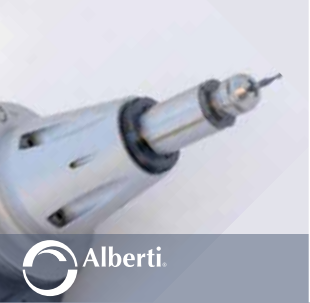
Spindle Runout
0,002 mm - 0,00008 inch.



Coolant Option
External



Collet
Max. Ø 3 mm

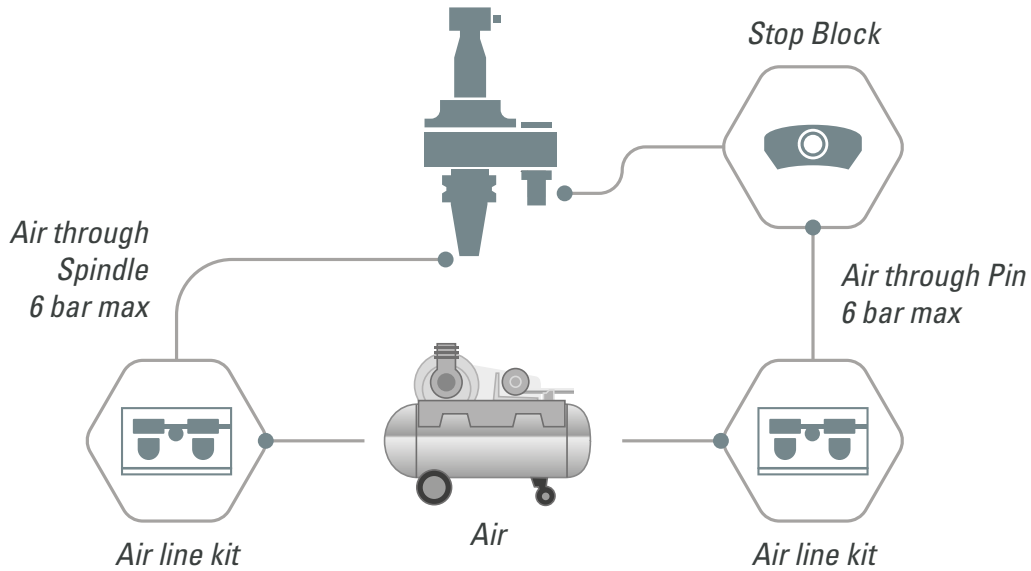


TURBOFLEX AXIAL AIR DRIVEN UNIT



UP TO 60.000 RPM

Mounting scheme

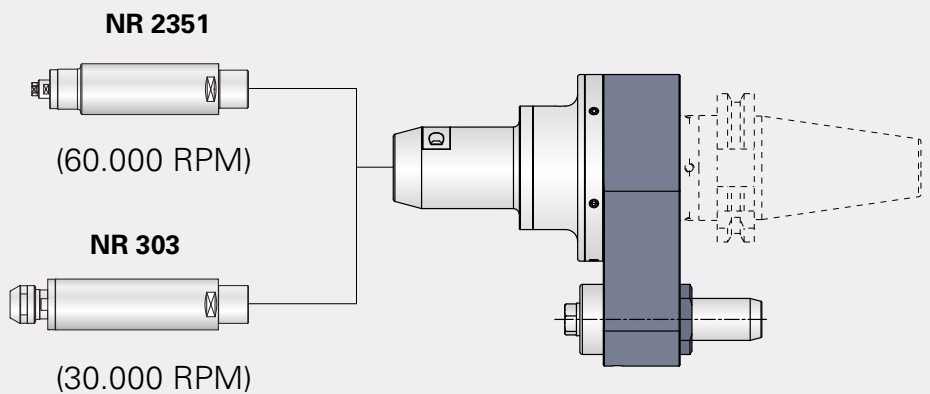


**Warning: MACHINE SPINDLE
MUST BE STATIC**

PLUS

60.000 / 30.000 RPM

- 5000 working hours
- Easy to install
- No maintenance
- Quick replacement of spindles
- 1 micron precision
- Internal friction to prevent motor damage
- Automatic tool change
- No thermal growth



Spindle Runout
0,002 mm
0,00008 inch.



Coolant Option
External



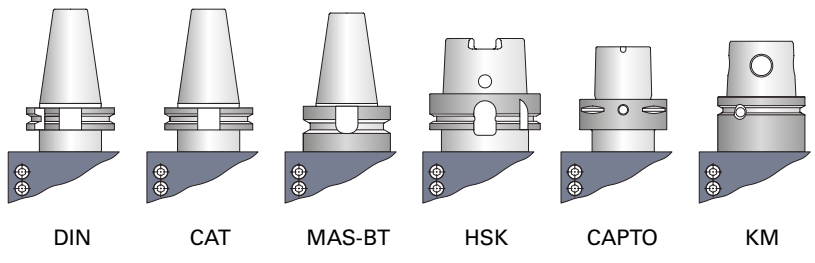
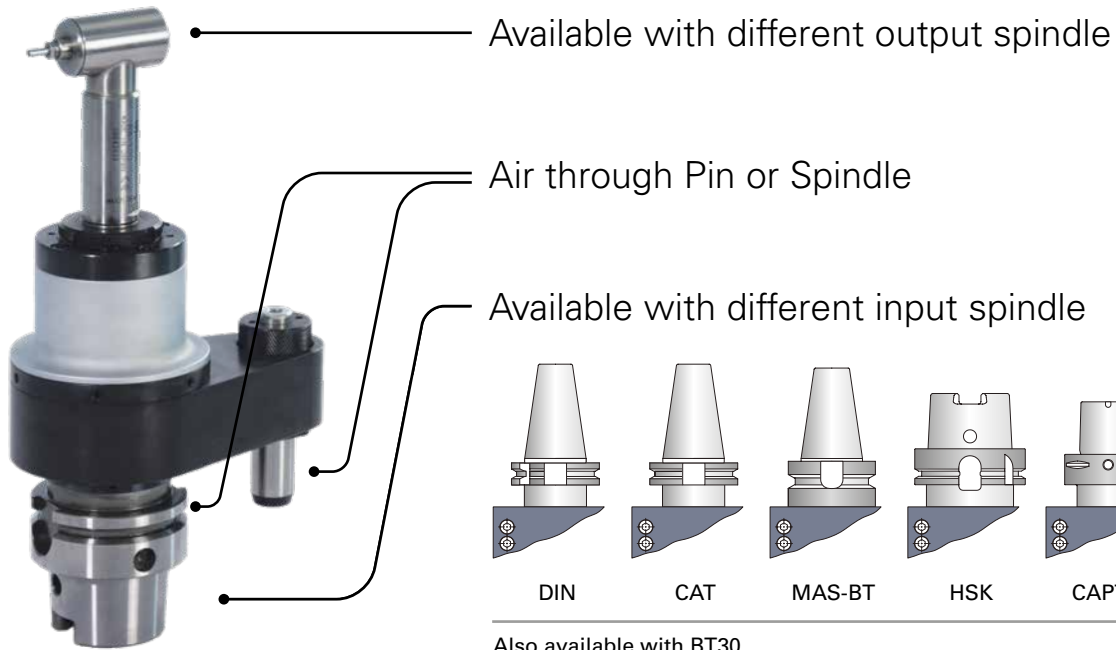
Collet
Ø 3 mm - Ø 6 mm



Air pressure
6 bar max

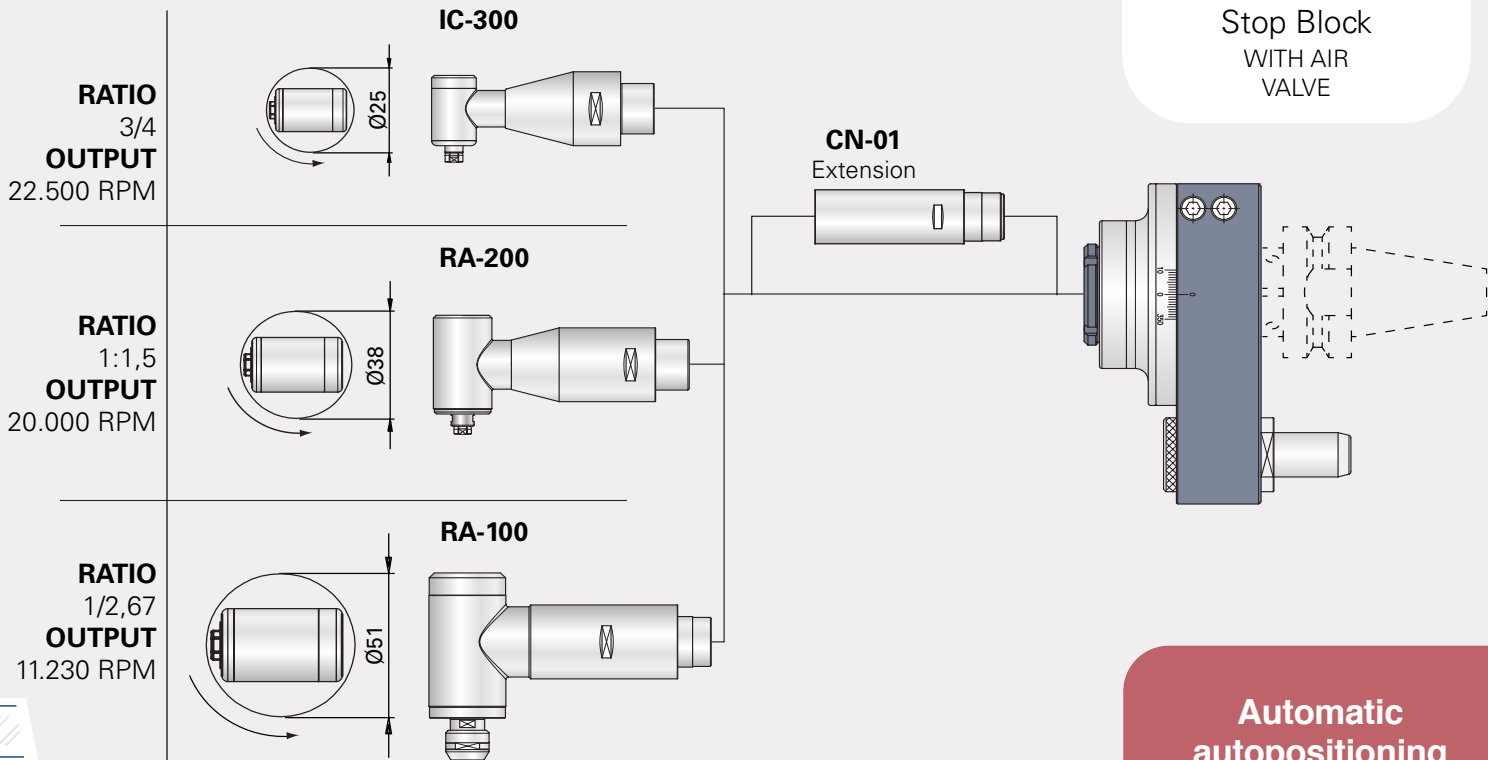
TURBOFLEX RADIAL AIR DRIVEN UNIT

UP TO 30.000 RPM



Also available with BT30

30.000 RPM



Stop Block
WITH AIR
VALVE

Automatic
autopoising
of the spindle
around 360°

LEONARDO ELECTRICAL DRIVEN UNIT



UP TO 80.000 RPM

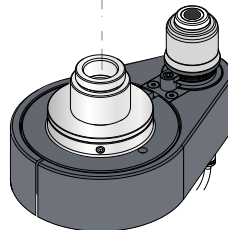
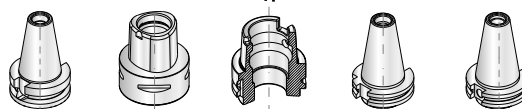
80.000 RPM

Leonardo
ATC 30



60.000 RPM

Leonardo
ATC 40



Stop block with protected electric contacts and connected to the controller

Electric contacts protected from chips and dirty

PLUS








Available with different interchangeable spindle

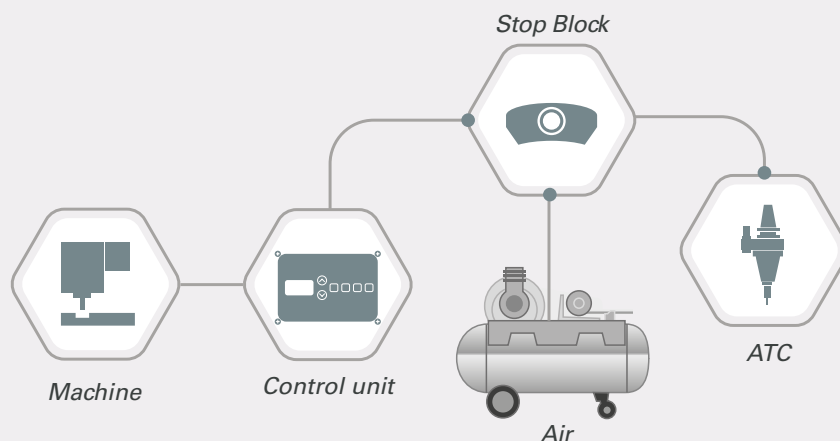


Warning: MACHINE SPINDLE MUST BE STATIC

- Adjustable speed
- Completely integrated with machine with "M" code
- Electric contacts protected
- No thermal growth
- Controller unit with sensor to stop spindle rotation
- 1 micron precision
- Automatic tool change

					
	Max Power	Up to	Collet up to	Weight	Accuracy
ATC 30	130 Watt	80.000 RPM	4 mm	3 Kg	1 μ
ATC 40	350 Watt	60.000 RPM	6 mm	4,8 Kg	1 μ

Mounting scheme





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