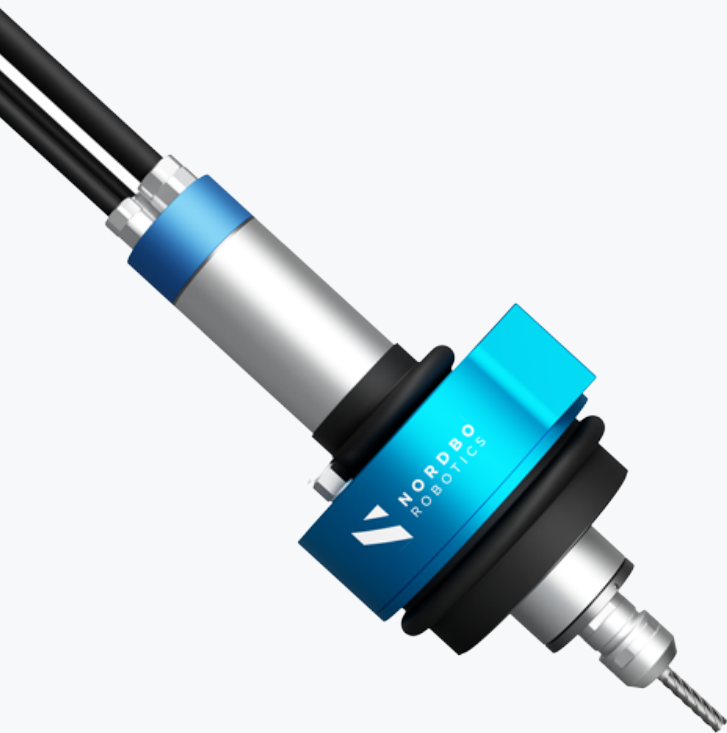




# NFS Flexible Spindle Mount

The NFS series ensure rotational and angular compensation for your spindle while processing. It is well suited in demanding applications such as deburring and flash removal. The pneumatically controlled force compensation allows the spindle to overcome challenges related to tolerances, misplacement of parts, and surface irregularities.



## Typical applications

- Deburring
- Flash removal
- Chamfering

## > Consistent quality output

By supplying a constant air pressure, the flexible spindle mount enables a consistent quality output when automating processes using a spindle.

## > Reduced waste

The rotational and angular compensation protects the spindle and workpiece from unnecessary damage and prevent unnecessary waste.

## > Easy to use

The rotational and angular compensation of the spindle makes it easier to program the robot path and overcomes challenges related to misalignment.



**NORDBO**  
ROBOTICS

Components  
Flexible Spindle Mount



## Key features

- Axial compliance of 5mm
- Radial compliance of 5° in 360° orientation
- Spindle clamp screws accessible on top
- Mounting plate at side of the product
- Floating force regulated by external air regulator
- Max. air pressure 7 bar
- Standard spindle sizes: Ø30, Ø40, Ø80
- Customized sizes up to Ø80 on request



## Robot & spindle independent

As the floating force is managed externally by an air regulator (not included), the Flexible Spindle Mount can be easily applied and used by every robot. The NFS series can be mounted from the side of the product using an interface plate that fits your robot or fixture.

Due to the clamping mechanism it is possible to use your favourite spindle supplier that fits the standard diameters or request a customized size.

## Nordbo Robotics A/S

Nordbo Robotics is a software company dedicated to creating a better world through better jobs. We develop robotic software that enables the automation of complex surface treatments and the quality inspection of grinding, deburring, sanding, finishing, painting, and dispensing applications.



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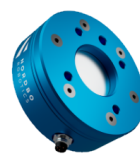
5000 Odense, Denmark

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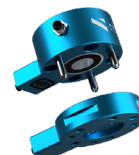
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## Other Nordbo Components



Force Torque  
Sensor



Magnetic Tool  
Changer



Active  
Compensation Unit