

# Flexmill S-series

## POWERFUL AND COMPACT ROBOTIZED PLATFORM

The S-series utilizes well-proven technologies and is perfect for the demands of handling and finishing complicated shapes with the highest precision, quality and flexibility.

Flexmill's S-series robot platform offers a flexible and a scalable machine design that suits a variety of different manufacturing requirements.

The Flexmill S-series platform is developed to provide intelligent robotic automation with smart tooling and process modules in a manner that provides the best performance and additional value

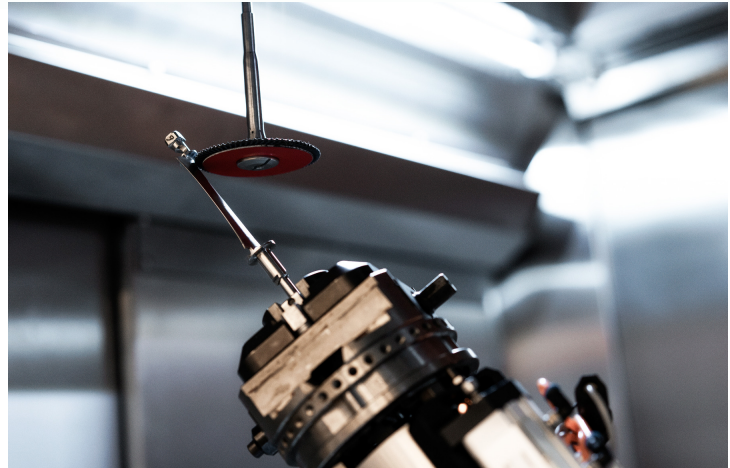
### Benefits

- Fully CAD/CAM programmable
- Easy to set up and operate
- High reliability and process quality
- Parametric process control
- Wide range of tools available
- Automatic tool media exchange
- Compact size



## S-SERIES PLATFORM FEATURES

- ✓ Work piece size up to 250 mm
- ✓ Payload capacity up to 10 kg
- ✓ Dry or wet condition treatment
- ✓ Part to tool or tool to part method
- ✓ Belt, rotary and spindle tools available
- ✓ Automatic tool/tool media exchange
- ✓ Integrated tool center point calibration



The optimal solution for the customer manufacturing requirements can be created by combining the S-series platform with the wide range of available options.

The S-series can be equipped for either dry or wet treatment conditions.

### Applications

- Linishing
- Grinding and deburring
- Sanding and polishing
- Cutting and milling
- Dot peen marking
- Laser marking
- Marking verification

### Options

- Wide range of standard tools
- Application-specific tools
- Automatic belt change
- Automatic spindle tool exchange
- High torque and high speed spindles
- Tool compliance
- 2D/3D vision systems

