

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



Payload capacity up to 10 kg

Ory 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





All trademarks are the property of Flexmill Oy. All rights reserved. Information contained herein is subject to change without notice. No part of this Data Sheet may be reproduced in any form on by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of Flexmill Oy. Flexmill Oy retains ownership and all other rights of all drawings, models, shapes, solutions, ideas or any kind of industrial property rights presented or expressed in this Data Sheet except for getting acquainted with, quoting, ordering or using in business