



**MIRKA**



# XS-SERIES

Trusted solution for surface finishing of **small-sized** components

The XS-series system is a productive solution for surface finishing of small-sized workpieces.

The robot stands in a fully closed housing with integrated toolkits and a table for workpieces. The process toolkits can be selected from a wide modular range based on application needs.

The system can be equipped either with an industrial robot or a collaborative robot. The unmanned running time can be increased gradually by adding more tool racks and automating the material flow around the system. The system is compatible with most offline programming and CAM systems.

## Benefits

- Healthier and safer working environment, increased employee wellbeing, working efficiency and reduced sick leave days
- Increased quality, integrity, and consistency
- Increased total tool-on-contact time
- Uniform surface quality, minimizing scrapped parts and process waste
- A very compact design saves floor space and the system does not require special foundations
- Material flow can be automated to increase daily unmanned running time
- Increased yearly production capacity up to 8,760 hours
- Mirka process support and service during the whole robot lifetime



Dedicated to the finish.

# XS-SERIES

## Features

- A small-sized 6-axis industrial robot or collaborative robot with fully closed compact housing
- The workplace dimensions are 50 × 100 cm (19" × 39"), max weight approximately 20 kg/44 lbs (manual loading/unloading)
- Dry processes available, based on application needs
- Automatic tool and abrasive change systems available
- Force control is available through integrated compliance devices with the toolkits (default) or the collaborative robot's own force sensing system
- Easy to set up and operate
- Mechanical probes and/or optical sensors can be used for part program offsets
- New programs can be generated with several commercially available CAM/offline systems
- Delivered with CE-marking
- Process video monitoring and recording system can be added



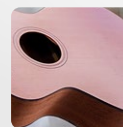
## Processes

- Sanding
- Polishing
- Grinding

## Example of use

- Wood sanding
- Automotive interiors and exterior parts
- High gloss polishing of painted parts

## Typical industry segments



Wood Industry



Aerospace & Defence



Automotive Tier 1



Maritime

**Mirka Ltd** Finland

For more information please visit [mirka.com](http://mirka.com)  
Use the QR code to open the contact form page



Dedicated to the finish.