



Power CUTTER 200

**The highly versatile milling robot,
way ahead of its time.**

Welcome to the future ...

Innovations

- ➔ No external supply lines on robot
- ➔ Sensor monitoring
- ➔ Remote maintenance module
- ➔ Speed control
- ➔ Proportional control with saving of milling position and arm setting.
- ➔ Main camera can be modified to front camera.
- ➔ Zero position of all moved axes (reset button)

Unusually strong air motors

FRONT CAMERA

- High-resolution CCD camera
- High-powered lens/LED lighting
- 200° swivel range
- Swivel movement / electr. focus
- Pressurised

Connection possibility for additional components

REAR CAMERA

- CCD camera
- High-resolution wide-angle lens
- LED lighting
- Pressurised



Screw connections for strain release

4 degrees of freedom
(incl. forwards and reverse movement)

ROBOT ARM

- 90° upwards lifting, 20° downwards lowering
- Endless circles without stopper
- Air motor / milling head swivels 15% over vertical axis
- Sensor monitoring for pressure, moisture and arm angle

CARRIAGE

- Streamlined design
- Powerful carriage drive
- Integrated hydraulic device to raise the arm and swivel the milling tool.
- Inner supply lines
- Tilt measurement



Technical data

ROBOT

Operating range:	DN 200 - DN 600
Total length:	950 mm
Arm length:	300 mm
Circumference Ø:	140 mm
Weight:	65 - 90 kg (depends on specs)

AIR MOTORS

	POWER-Line	BASIC-Line	ECO-Line
Power:	1,400 W	1,200 W	860 W
Revs:	4,300 rpm	10,800 rpm	18,000 rpm
Torque:	12.2 Nm	5.5 Nm	4 Nm
Air consumption:	1,650 l/min	1,500 l/min	1,050 l/min
Dimensions:	Ø 59/H: 165 mm	Ø 59/H: 125 mm	Ø 59/H: 85 mm

CABLE DRUMS

- Fully automatic motor-driven restricted cable guidance.
- **Version I** with 140 m special cable, min. 400 kg traction force.
- **Version II** with 220 m special cable, min. 400 kg traction force.

AIR / WATER / POWER SUPPLY

- Robust tubular steel frame with rotary opening for air/water hose and cable, manual winding.
- Equipped with 100 m twin hose or 60 m compact hose.