

BASIC, YET PROFESSIONAL

INDUSTRIAL TECHNOLOGY FOR THE PRICE OF A COBOT SYSTEM



HALTER BASIC^{PRO}
TURNING/MILLING

REQUEST A QUOTE!

HALTER BASIC^{PRO}

TURNING/MILLING

- ✓ Efficient and affordable
- ✓ Industrial Fanuc robot, plus high-quality components designed for a long, reliable lifetime
- ✓ User-friendly HALTER SmartControl – set-up of less than 5 minutes
- ✓ No compromise on safety: by use of floor scanner and safety zone
- ✓ For new and existing CNC machines
- ✓ Industrial technology for the price of a cobot system



1. HALTER SmartControl
2. Height-adjustable grid plate
3. Fanuc industrial robot arm
4. Adjustable air pressure for gripper
5. Schunch double gripper system
6. 270° safety scanner
7. High-quality industrial components inside

As a world-leading automation partner, HALTER has a proven record of delivering top-quality products with over 1000+ installs. All this experience, knowledge and technology has now been implemented in the BASIC Pro.

With the user-friendly HALTER SmartControl, no robot experience is required and the set-up of a new workpiece takes as little as 5 minutes. Top-quality components such as the Schunk double gripper package and the Fanuc industrial robot ensure a reliable and long-lasting automation process. You get industrial technology for the price of a cobot system – with no compromise on safety.

System

Rigid industrial construction	✓
Placed on 4-point self-centering anchors	✓
Fanuc 6-axis robot arm	12 kg
Workpiece turnover station for two-sided machining	Option
Status light	Option
Can be connected to any CNC machine	✓
Movable for transport and maintenance with easy repositioning	by pallet truck
Automatic servo-driven door opener with integrated safety mechanism	Option

HALTER SmartControl

Intuitive and graphical programming in 12 steps	✓
Touch screen 15 inch	✓
Free choice of pre-installed language	✓
Graphic representation of machine utilization	✓
Input can be entered in inches or mm	✓
Automatic program storage	✓

HALTER SmartControl standard functionalities

Inside and outside gripping	✓
Workpiece loading in chuck with or without pressure star	✓
Adjustable air blow distance	✓
Working with spindle orientation of the CNC machine	✓
Eccentric loading and unloading	✓
Robot park positioning	✓

Grippers

3-finger gripper or 2-finger gripper	Choice
Separate grippers for raw and machined workpieces	✓
Air blow system	✓
Workpiece detection	✓
Quickly adjustable gripper fingers	✓
Workpiece-specific gripper fingers	Option
Steplessly adjustable gripping force	✓
Compact gripper design	✓

Safety

Fanuc DCS area in combination with the Sick floor scanner	✓
Closed safety circuit	✓
270° laser scanner with stop and go function	✓
Floor scanner slows down and stops the robot arm if operator approaches	✓

Input

Voltage	400 V
Peak consumption	16 A
Compressed air pressure	6,5 bar

Dimensions

Length	1710 mm
Width	780 mm
Height	2200 mm
Total weight	656 kg

Capacity

Workpiece diameter (min - max)	10 - 135 mm
Minimum workpiece (L x W)	10 x 10 mm
Maximum workpiece (L x W)	135 x 135 mm
Height of workpiece (min - max)	10 - 200 mm
Maximum load capacity robot arm	12 kg
Maximum total weight on table	360 kg
Max. number of workpieces for grid plate 10-20 mm	188
Max. number of workpieces for grid plate 10-35 mm	104
Max. number of workpieces for grid plate 10-55 mm	64
Max. number of workpieces for grid plate 10-85 mm	38
Max. number of workpieces for grid plate 10-115 mm	18
Max. number of workpieces for grid plate 10-135 mm	14
Grid plate is height-adjustable in several positions	✓

REQUEST A QUOTE!

Contact us for details, questions, and pricing:

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Dedicated to
deliver.

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