

Top[®]

AUTOMAZIONI

BAR FEEDERS & AUTOMATIONS



**NO MORE REASONS
TO WAIT**

Rolling

**ROLLING IS ONE OF TOP AUTOMAZIONI'S
ROBOTIC SOLUTIONS**

**INTEGRATED STORAGE MADE OF A
SERIES OF PALLETS IN-LINE FOR
THE LOADING/UNLOADING OF
COMPONENTS**

**CONFIGURABLE WITH ALL
NUMERICALLY CONTROLLED
MACHINES SUCH AS
LATHES, MACHINING
CENTERS, GRINDERS,
AND OTHERS
EQUIPMENT**

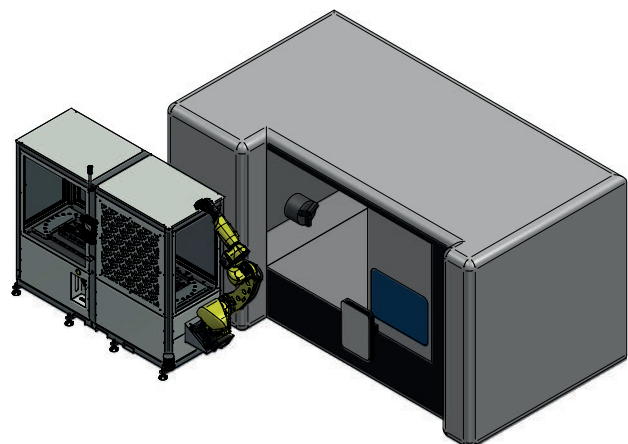
i4.0



LAYOUT AND INSTALLATION

ROLLING is available in several versions (SL - Left, SC - Central, SR - Right) to adapt to any CNC machine tool and related workshop environment.

The onboard position of the Fanuc always leaves the intervention area on the CNC machine free, when the ROLLING is not in use. This aspect allows regular and comfortable operation on the HMI panel, convenient set up of the CNC machine and quick equipment's checks.

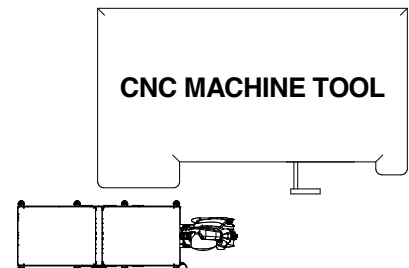
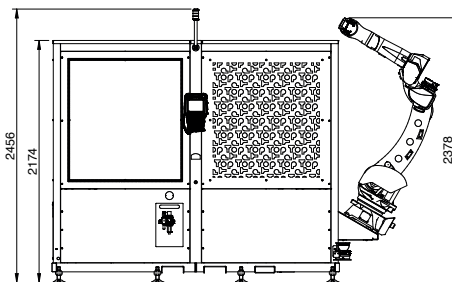
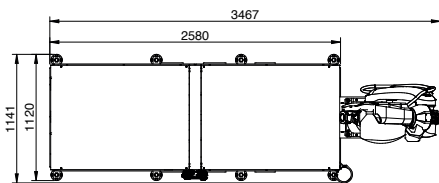




◀ Scan the QR CODE to watch the video



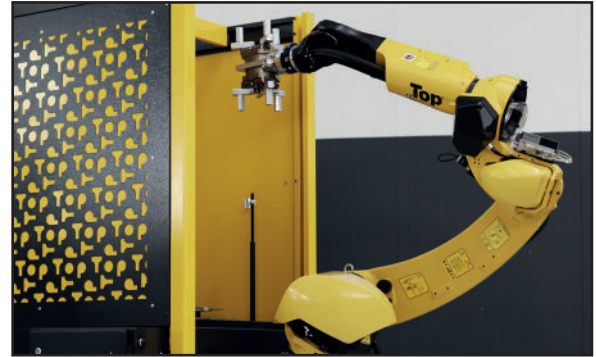
ROLLING





ROBOT FEATURES

- Fancu M-20iD25
- Payload 25 kg
- Max reach 2.000mm, center tool point
- Max speed (J6) 615 °/s
- Repeatability +/-0,02mm
- Wrist protection class IP67
- Weight 210 kg



CONTROL UNIT

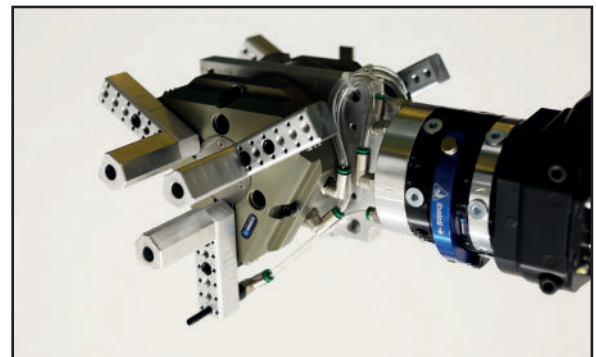
- Up to 5 CNC machine tools connectable
- Controller R30iB-PLUS
- Intuitive programming
- Friendly interface
- Fancu collaborative functions
- Touchscreen
- Machine utilization statistics
- Intelligent maintenance prediction software
- Eccentric loading and unloading mode
- Park positioning function
- Pallets-in-line full handling



GRIPPER FEATURES

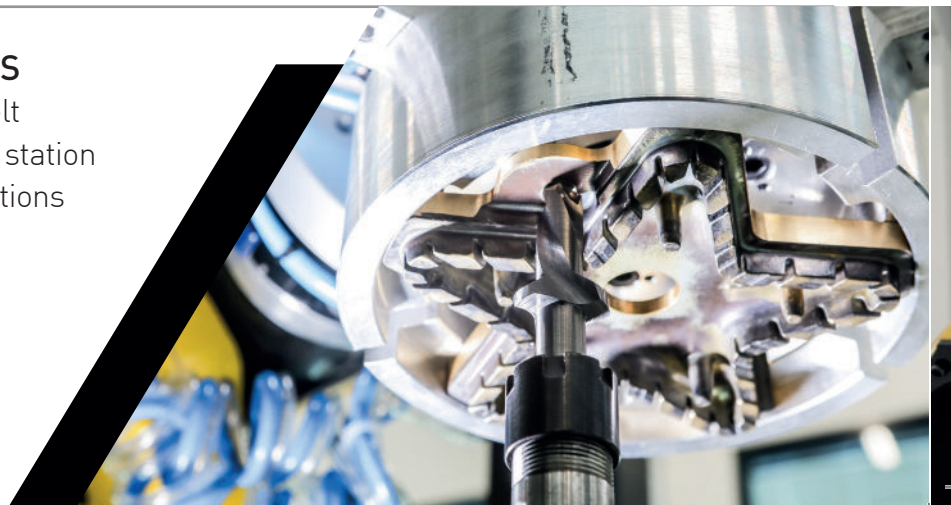
(TAILORED ON THE PROJECT)

- 2-fingers gripper for rectangular shapes
- 3-fingers gripper for round shapes
- 2-fingers gripper for long shafts
- Customized gripper for specific shapes
- Air blow system
- Quick change system for gripper
- Low air pressure detection



ADDITIONAL WORKING STATIONS

- Parts unloading on box/cage/belt
- Parts positioning on measuring station
- Other tailored customers operations available



REVOLVING STACKING PALLETS

- Payload 165 kilos each
- Pallets translation managed by step-driven motor and industrial chain
- Optoelectric barriers for fast and safe workpieces loading

PALLETS FEATURES

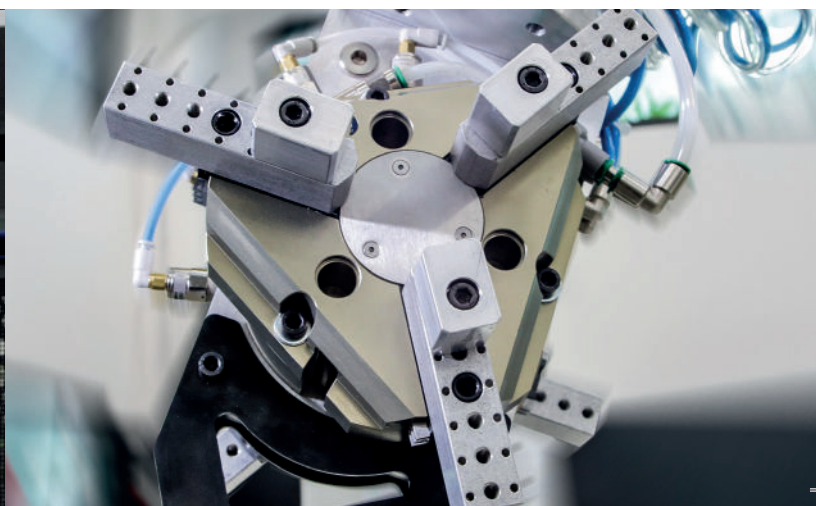
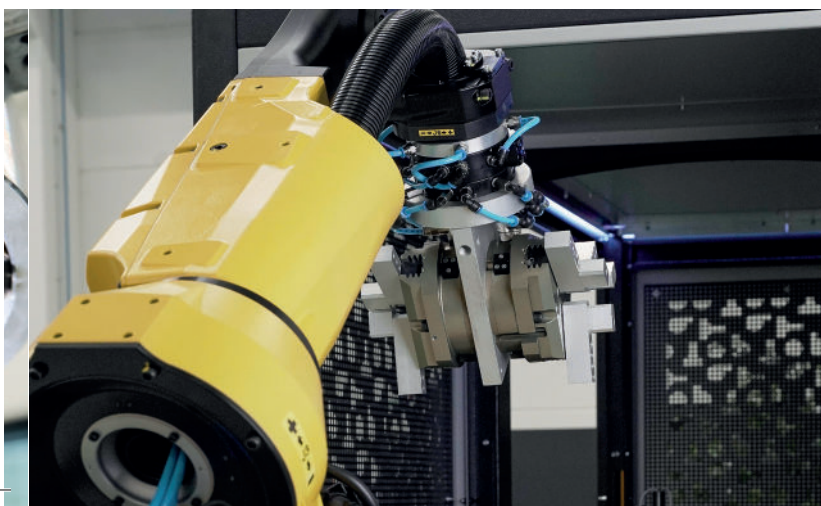
- Modular structure with 12 or 16 or 20 pallets
- Pallet dimensions 250x250 mm
- Height loading up to 450mm
- Workpieces stacking capability up to:
 - 2 rods version: 200mm
 - 3 rods version: 250mm
 - 4 rods version: 220mm
- Maximum capacity for single pallet 165 kg
- Quick self-centering system
- Carbonitrided frames for maximum durability



ROLLING

SAFETY FEATURES

- Fanuc Dual Check Safety System integrated with laser scanner
- Pneumatic or servo-motor driven CNC machine door opener with integrated safety circuit





HOW TO FIND US ▶
scan QR code



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