

# ROBOTFLEX TR

## ROBOTIC LOADING CELL FOR CNC LATHE

The ROBOTFLEX TR is integrated to your digital single-spindle, bi-spindle, multi-turret, multi-task CNC lathe ... new or already in operation of all brands.

Thanks to a simple loading concept and an interface without robotic programming, the series changeover time of less than 10 min allows the robotization of very small series, starting from 5 pieces.

The loading of raw is easy and fast thanks to many simple and powerful loading strategies. The workpieces are palletized automatically thanks to the robot which is stacking them on a pallet.

ROBOTFLEX allows you to control the quality of your parts thanks to its many options.



**ROBOTFLEX**

### TECHNICAL FEATURES :

	CU25	CU70
<b>Basic Equipment features</b>		
Integrated robot brand	Fanuc	Fanuc
Max. dimensions of parts	φ300/300mm	φ300/300mm
Max. weight of parts carried with 2 grippers	2x8kg	2x24 kg
Max. weight of parts carried with 1 gripper	1x10kg	1x30 kg
Blowing system and gripper adjustment tools	✓	✓
Adjustment of clamping jaws without tools	✓	✓
Safe access with radar or safety light curtain	✓	✓
<b>Additional functions</b>		
Automation of the CNC Lathe door	✓	✓
Workpiece tilting for 2nd operation	✓	✓
Set down of workpieces on the floor	✗	✓
Set down of workpieces on trolleys	✓	✓
Set down of workpieces AGV station	✓	✓
Set down of raw on pallet	✗	✓
Set down of raw on AGV station	✓	✓
Loading of long bars (up to 800 mm)	✗	✓
Loading bi-spindle or multifunction lathe	✓	✓

All other requests will be studied.