

Articulated industrial robot with 6 controlled axes and 50 kg. load capacity at wrist, for applications of: - Welding - Machine tool slaving - Handling - Polishing - Loading/unloading presses

The robot is available also in the following versions:

5 axes - 4 axes - extended (ATOM 50-L)

The robot can be fitted with a variety of fixtures, all of them with controlled axes, such as:

- Linear slides "MOVIN" series
- Rotary tables "ROTOPALLET" series
- Automatic pallet changers, "AUTOPALLET/VERPALLET" series
- Conveyor belts "CONVEYOR" series
- Positioners "POSITIONER" series
- Vision systems
- Rotary stores "ROTOSTORE" series.



CARACTERISTICS

TYPE OF ROBOT	ARTICULATED 6 AXES
PAYLOAD	50 Kg.
SPEED	1.5 mt./sec.
REPEATABILITY	+/- 0,2 mm. mm.
RESOLUTION	+/- 0,005°
WEIGHT	450 Kg.
RADIUS AT WRIST	
Standard model	1920 mm.
L model	2200 mm.

AXIS WORKING AREA

+150° ÷ -150°
+100° ÷ - 80°
+ 90° ÷ - 70°
+150° ÷ -150°
+115° ÷ -115°
+300° ÷ -300°

Base
Shoulder
Arm
Arm rotation
Wrist training
Wrist rotation

MAXIMUM SPEED

110°/sec.
110°/sec.
110°/sec.
120°/sec.
120°/sec.
180°/sec.