

Used Robots - IBM 7576 Robot

Modular in design. The **IBM 7576** Manufacturing System consists of the: IBM 7576 Manipulator; IBM 7532 Industrial Computer, Model 310 and IBM 7572 Servo Power Module.

IBM 7576 SPECIFICATIONS	
MANIPULATOR	
X and Y Axis Repeatability	±0.050 mm (±0.002 in.)
Maximum XY Speed	4.4 m/sec (173 in./sec)
Maximum Z Speed	575 mm/sec (22.6 in./sec)
Maximum Roll Speed	480 deg/sec
Maximum Payload (reduced accelerations)	10 kg (22 lbs.)
Symmetrical Workspace	
Outside Radius	800 mm (31.5 in.)
Inside Radius	300 mm (11.8 in.)
Theta 1 Axis	
Arm Length	400 mm (15.7 in.)
Rotation	-120° - +120° (±1°)
Theta 2 Axis	
Arm Length	400 mm (15.7 in.)
Rotation	-136° - +136° (±1°)
Z Axis	250 mm (9.8 in.)
Roll Axis	+3600° - -3600° (±2°) (±10 revolutions)
CONTROL UNIT	
Coordinate System	Cartesian, joint, region
Degrees of Freedom	4 (all servoed)
Positioning Control System	Point to point, circular, straight-line, via-point
Digital I/O Ports (configurable)	48 standard, 192 maximum
RS-232 Asynchronous Communications Port	4 standard (1 for pendant), 4 optional
RS-422 Asynchronous Communications Port	1 optional (via combination adapter II)
Application Program Control	Operator control panel, hand-held pendant, host communications
Point Teaching Method	Hand-held pendant
Maximum Number of Selectable Programs	7 via operator control panel
Primary Storage	512KB RAM, expandable to 640 KB
Power Requirements	IBM 7576 receives DC power from 7572; IBM 7572 - 220 - 240 VAC at 47 - 63 Hz; IBM 7532/310 - 220 - 240 VAC at 47 - 63 Hz (switch selectable to 100 - 130 VAC at 47 - 63 Hz)
Operating Conditions	0°C - 40°C (32°F - 104°F); humidity 8% - 80% non-condensing
Weight	IBM 7576: 76 kg (167 lbs.); IBM 7572: 48 kg (106 lbs.); IBM 7532/310



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