



MOTOMAN HP3

SPECIFICATIONS

Structure

Vertical jointed-arm type

Degrees of Freedom

6 axes

Payload

3 kg (6.6 lbs)

Vertical Reach

1,163 mm (45.8")

Horizontal Reach

701 mm (27.6")

Repeatability

±0.03 mm

Maximum Motion Range

S-Axis (turning): ±170°

L-Axis (lower arm): +150°/-45°

U-Axis (upper arm): +210°/-142°

R-Axis (wrist roll): ±190°

B-Axis (wrist pitch): ±125°

T-Axis (wrist twist): ±360°

Maximum Speed

S-Axis : 210°/sec

L-Axis : 180°/sec

U-Axis : 225°/sec

R-Axis : 375°/sec

B-Axis: 375°/sec

T-Axis: 500°/sec

Approximate Weight

37 kg (81 lbs)

Brakes

All axes

Power Consumption

1 kVA

NXC100 Controller

INFORM III programming language Windows® CE operating system on programming pendant

Standard Ethernet communication

Compliance with ANSI/RIA R15.06-1999 safety standard

Unmatched memory: 60,000 steps, 10,000 instructions

On-board graphical ladder editor