



HP20

CASE PACKING | DISPENSING | KITTING | MACHINE TENDING



KEY BENEFITS

Applicable for use in a variety of applications

Performance-driven, compact design

Reliable operation with internal cables

SPECIFICATIONS

20 kg maximum payload
 3,065 mm vertical reach
 1,717 mm horizontal reach
 ±0.06 mm repeatability

CONTROLLERS



DR200



FS100



MLK200

- Versatile robot with 20 kg payload capacity is ideal for many applications, such as picking, sorting, case packing, machine tending, and dispensing.
- Extensive 3,065 mm vertical and 1,717 mm horizontal reach combined with floor, ceiling or wall mounting options* makes this robot suitable for compact installation requirements without compromising on reach.
- Fast motion profiles and high moment of inertia wrist design enables the HP20 robot to maintain throughput with heavy, unbalanced loads.
- Auxiliary equipment (up to 11 kg) can be mounted on the upper arm to simplify end-of-arm tool design.
- Internally routed airlines and cables from base to the end-of-arm tool maximizes reliability of operation.
- The HP20 easily adapts to harsh environments with the extra Protection (XP) package which provides an IP65-rated body, IP67-rated wrist and special anti-corrosive coating.
- An anti-corrosive paint option is available for environments where harsh acidic or alkaline cleaners are used, such as food processing facilities.
- Ideally suited for use in high-density work cells with multiple robots working in close proximity.

Motoman Hp 165 Reference Manual

Minjie Lin



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