



IRB 260

Industrial Robot

MAIN APPLICATION

Packing



- Easy to fit into compact packing cells
- Optimized reach for packing applications
- Integrated air&signals
- Superior tracking performance
- Durable in tough environments - IP 67

The IRB 260 is based on IRB 2400, the world's most popular industrial robot with a total of 14,000 installations. Designed for easy integration into packaging lines, the new machine

has the ability to work close to base in order to minimize floor space. Low on weight and height, the IRB 260 fits easily into compact production cells. Speed moreover, has been optimized for an work envelop ideal for packing-applications. Running on 4-axes, it's not only dedicated to packing applications, but also ensures high throughput in flexible packing concepts. Like all ABB robots, IRB 260 can be combined with PickMaster – ABB's vision guided packaging software.

IRB 260

Industrial Robot

TECHNICAL DATA, IRB 260 INDUSTRIAL ROBOT

SPECIFICATION

Handling capacity	30 kg
Reach	1.52 m
Load offset	300 mm
Number of axes	4
Integrated signal supply	23 poles, 50V DC 10 poles, 250V AC
Integrated air supply	1/3 inch hose, max 8 bar

PERFORMANCE

Position repeatability	0.1 mm
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Axis movements	Working range IRB 260
Axis 1 Rotation	+180° to -180°
Axis 2 Arm	+85° to -28°
Axis 3 Arm	+119° to -17°
Axis 6 Turn	+300° to -300°

MAX VELOCITY

Axis 1	153°/s
Axis 2	175°/s
Axis 3	153°/s
Axis 6	342°/s

PHYSICAL

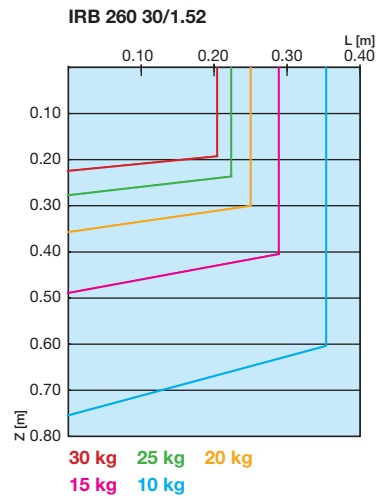
Total height	1493 mm
Manipulator base	723x600 mm
Weight	340 kg
Motor radius	448 mm

ENVIRONMENT

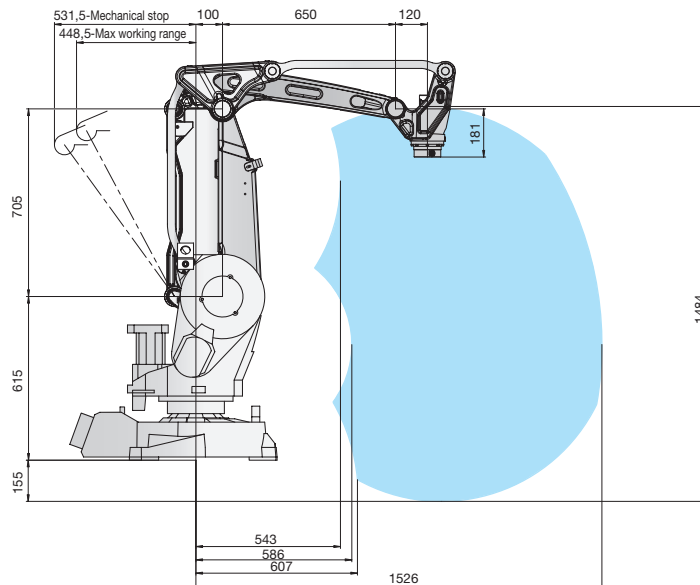
Ambient temperature	5° C -45° C
Relative humidity	Max 95%
Degree of protection	IP 67
Noise level	Max 70 dB(A)
Emissions	EMC/EMI shielded

Data and dimensions may be changed without notice.

LOAD DIAGRAM



WORKING RANGE



PACK CYCLE

125/500/600 mm	40 cycles per minute at 20 kg
90/400/90 mm	60 cycles per minute at 10 kg

