

Main applications

Machine tending, material handling, arc welding, cutting, dispensing, assembly, palletizing and packing, measuring

Specification

Variants	Reach	Payload	Armload
IRB 2600-12/1.65	1.65	12	15
IRB 2600-20/1.65	1.65	20	10
IRB2600-12/1.85	1.85	12	10
Number of axes	6+3 external (up to 36 with MultiMove)		
Protection	Standard IP67; optional FoundryPlus 2		
Mounting	Floor, wall, shelf, tilted, inverted		
IRC5 Controller variants	Single cabinet, Dual cabinet		

Physical

Dimensions robot base:	676 x 511
Robot height: IRB 2600-12/1.65 and IRB 2600-20/1.65	1382 mm
Robot height: IRB 2600-12/1.85	1582 mm
Robot weight:	272 to 284 kg

Performance (according to ISO 9283)

	Arm 1.65	Arm 1.85
Position repeatability (RP)	0.04 mm	0.04 mm
Path repeatability (RT)	0.13 mm	0.16 mm

Movement

Axis movements	Working range	Maximum speed
Axis 1	+ 180° to -180°	175 °/s
Axis 2	+ 155° to - 95°	175 °/s
Axis 3	+ 75° to - 180°	175 °/s
Axis 4	+ 400° to - 400°	360 °/s
Axis 5	+ 120° to -120°	360 °/s
Axis 6	+ 400° to - 400°	500 °/s

Electrical connections

Supply voltage	200-600 V, 50-60 Hz
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Environment

Ambient temperature for mechanical unit:

During operation	+ 5°C (41°F) to + 45°C (113°F)
During transportation and storage	- 25°C (- 13°F) to + 55°C (131°F)
For short periods (max 24h)	up to + 70°C (158°F)
Relative humidity	Max. 95% at constant temperature
Safety	Double circuits with supervisions, emergency stops and safety functions, 3-position enable device

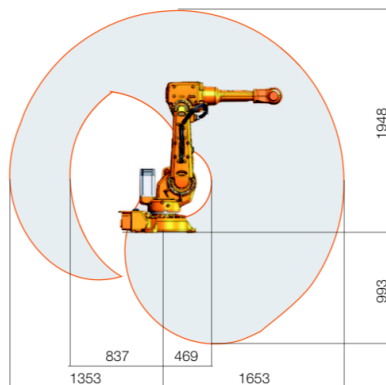
Emission EMC/EMI shielded

Data and dimensions may be changed without notice

Working range

IRB 2600-12/1.65

IRB 2600-20/1.65



IRB 2600-12/1.85

