



Building off the same architecture as the UR20, the UR30 offers extraordinary lift in a compact footprint with superior motion control ensuring the perfect placement of large payloads.

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IP Classification	IP65
Cleanroom classification	Class 4 at $\leq 80\%$ *
ISO 14644-1 <i>*Velocity and payload</i>	
Noise	< 67 dB(A)
Status identification	Light ring at robot base
Arm mounting	Any orientation
I/O Ports at tool flange	
Digital In	2
Digital Out	2
Analog In	2
Power supply voltage	12/24 V
Power supply	2 A (Dual pin), 1 A (Single pin)

Footprint	Ø245 mm
Materials	Aluminum, plastic, steel
Tool flange	EN ISO-9409-1-80-6-M8
Connector type	M8 8-pin female
Cable length (robot arm)	6 m (236 in/19.68 ft)
Weight without cable	63.5 kg (139.9 lbs)
Humidity	≤ 90% RH (non-condensing)

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Features

Physical	
Materials	Plastic
Teach pendant size (W x H x D)	300 mm x 231 mm x 50 mm (11.8 in x 9.1 in x 1.97 in)
Weight	1.8 kg (3.961 lbs) including 1 m of teach pendant cable
Cable length	4.5 m (177.17 in)

Features

**Only valid for OEM version.*

Control Box Size (W x H x D)	460 mm x 449 mm x 254 mm (18.2 in x 17.6 in x 10 in)
Weight	12 kg (26.5 lbs)
Materials	Powder coated steel

The graph, titled "UR30 payload curve", plots Payload (kg) on the y-axis (0 to 35) against Center of gravity offset (mm) on the x-axis (0 to 800). It shows two performance regions: "Expanded payload" (light blue) and "Full performance" (dark blue). The "Full performance" region is a triangle with vertices at (0, 30), (100, 30), and (200, 25). The "Expanded payload" region is the area under the curve from 0 to 800 mm, bounded by the x-axis and the curve. The curve starts at (0, 30), remains constant until 100 mm, and then decreases to (800, 10).

Center of gravity offset (mm)	Full performance (kg)	Expanded payload (kg)
0	30	30
100	30	30
200	25	25
300	20	20
400	16	16
500	14	14
600	12	12
700	11	11
800	10	10

