The UR20, the first of our next-generation high performance cobots, has been redesigned from the ground up to provide up to 30% more speed and torque, advanced motion control capabilities, and first-class user experience.

UR cobots bring incredible versatility and unparalleled ease of use to your applications. The UR20 is no exception - its 20 kg payload and 1750 mm reach make it an ideal match for applications ranging from palletizing to machine loading.

**UR20**

### Technical Specification

The UR20 is no exception - its 20 kg payload and 1750 mm reach make it an ideal match for applications ranging from palletizing to machine loading.

### 3-Position Enabling Teach Pendant

**Features**

- **IP Classification**: IP54
- **ISO 14644-1 Class Cleanroom**: 6
- **Operating Temperature Range**: 0-50°C
- **Humidity**: 90%RH (non-condensing)
- **I/O Ports**
  - Digital In: 16
  - Digital Out: 16
  - Analog In: 2
  - Analog Out: 2
  - Quadrature Digital Inputs: 4
- **I/O Power Supply**: 24V 2A
- **Communication**: 500 Hz Control frequency, Modbus TCP, PROFINET, Ethernet/IP, USB 2.0, USB 3.0
- **Power Source**: 100-240VAC, 47-440Hz

**Physical**

- **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 control box is also available in an OEM version.

---

**Contact**

Universal Robots A/S
Energivej 25
5260 Odense
Denmark
+45 89 93 89 99
sales@universal-robots.com
universal-robots.com

1st Edition Published May 2022

* Preliminary Specification. Subject to change.