EXTEND YOUR SYSTEM'S REACH WITH THG'S CobotRunner

THG Automation's CobotRunner gives you access to those hard-to-reach spots without the frustration of refixturing and moving your parts.

- **Simple to teach**
- **Advanced robotic capability**
- **Built to grow**

Key Strengths

Coordinated Motion

Sync internal and external axes to maintain optimal working angles and travel speeds (optional).

Safety Connection

Integrate stops and brakes into software for operator safety.

Positioner Cabinet

Fully-integrated control cabinet eases communication between robot and external axes

URCap Software

Dedicated URCap software enables quick and easy setup and programming.

Servo Amplifier

Fully-integrated control cabinet eases communication between robot and external axes

Expand as Needed

CobotRunner starts at 2 meters and expands up to 6 meters.

Modular System: Positioners can be added to new or existing UR platforms.

UR Universe: Positioners compatible with all UR e-series cobots.

Full Servo Control: Dedicated URCap software controls servo motors for accurate positioning.

Accurate, Repeatable Movement: Rack & pinion drivetrain for incredible accuracy.

Integration Built-in: Cabinets built in-house with integration support from Yaskawa servos.

Coordinated Motion: Synchronize external axes with the UR control panel.

Process Node: Integrates with external hardware and software for third-party applications.

Software Upgrades: Free for one year.

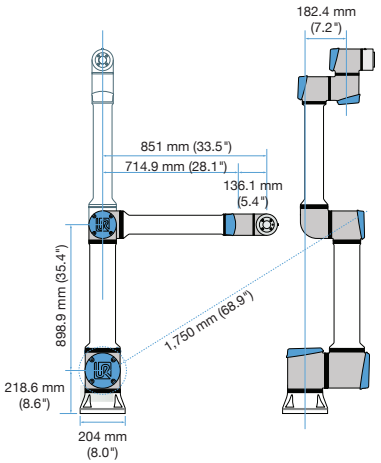
Phone Support: Free expert help anytime.

CobotRunner Linear Rail

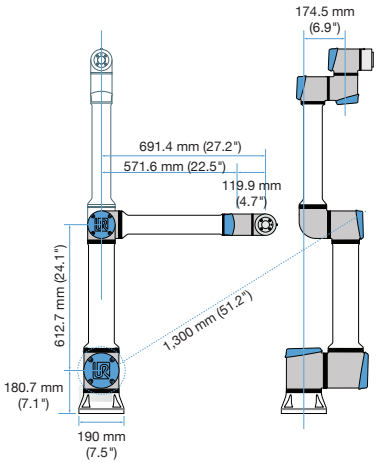
Deliver the access and flexibility your system needs with a THG Automation CobotRunner.

Specs	CobotRunner
Software version:	Polyscope 5.12 or above Polyscope 5.18 (for EtherCat)
Axial movement:	Linear
Power - xø, V, A:	1ø, 240, 20
Min. travel length - mm (inches):	1,472.5 (57.9”)
Max. travel length - mm (inches):	5,472.5 (215.5”)

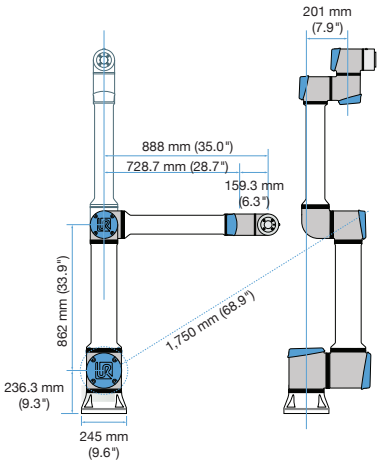
UR8L



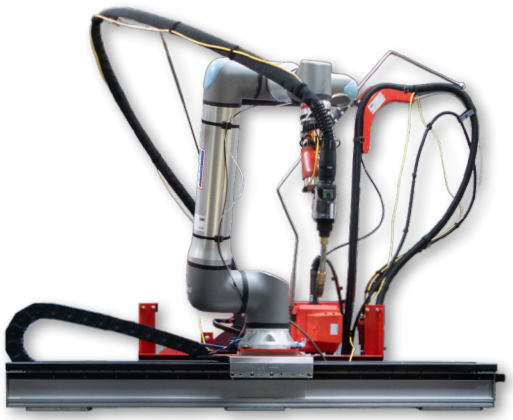
UR12e



UR20



Universal Robots Specs			
UR Cobot:	UR8 Long	UR12e	UR20
Reach - mm (inches):	1,750 (68.9”)	1,300 (51.2”)	1,750 (68.9”)
Payload - kg (lbs):	10 (22)	12.5 (27.6)	25 (55.1)
Footprint - mm (inches):	ø 204 (8.0”)	ø 190 (7.5”)	ø 245 (10.0”)
Weight - kg (lbs):	44.7 (98.5)	33.5 (73.9)	64 (141.1)
Voltage (VAC):	100-240	100-240	100-240
Frequency (Hz):	47-440	47-440	47-440
Max draw (amps):	15	15	15



System highlights:

THG linear positioner features:

- Add to new systems or integrated with existing Universal Robots platforms.
- Integrate up to four additional axes.
- Controlled via THG’s URCap interface on the UR teach pendant.
- Built for heavy-duty, high duty cycle applications.

THG linear positioners include:

- URCap software.
- Robot controller connections.
- positioner cabinet.
- Safety connection for laser scanners and light curtains.

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