

Moving energy made easy...

Robot equipment UR10/UR10e



igus®

Quality from the igus®

Tested thousands of times ... proven millions of times ...

laboratory ...

As a certified partner of Universal Robots, quality and continuous improvement of our products is very important to us.

All igus® robotic components are tested in our laboratory and have already been used reliably in many applications for many years. Our goal is to ensure that the whole energy supply on your robots is reliable. We do not simply focus on mechanical protection but instead look at the entire system including cables that have also been especially developed for use on the robot. Every year, we conduct more than 4,100 tests for e-chains® and cables.

If we don't have data for your type of application, we can conduct a test representative of your requirements.



Example of a UR bracket in the igus® test lab



The igus® laboratory has over 3,800 m² floor space. It is the largest test lab in the energy chain industry with 65 e-chain® test machines and about 7,515 test results per year. 253 simultaneous tests for e-chain® and chainflex® cables with more than 10 billion e-chain® cycles (in e-chains® and chainflex® lab per year), ensure reliable energy supply systems for all industries and installation types.

The igus® test lab

Modular robot kit

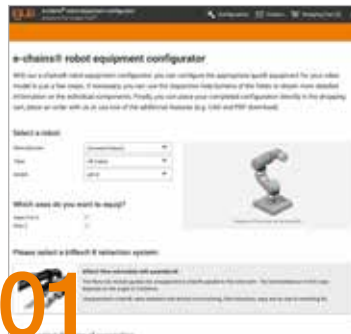
Energy supply for robots made configurable online



The modular igus® robot construction kit comprises well over 10,000 different items. We can offer you an optimised solution for almost every robot. With a wide variety of accessories, the triflex® R energy chain system can be adapted to many applications and the most varied movements of your robot.

With our online "Quick Robot" tool, the right configuration for your application can be created in just a few seconds. The configurator gives you a visual representation of the products on the robot and a parts list - try it for yourself:

► www.igus.eu/quickrobot



01



Step 01
The start page



02

Step 02
Select robot manufacturer and model



03

Step 03
Select type



04

Step 04
Chose parts and options with pictorial representation



05

Step 05
Parts list

Bracket options ...

More protection in just a few steps ...



Robot brackets with trifix® R bracket

- Polymer bracket
- 1m hook and loop strip
- Mounting bracket with and without strain relief
- Suitable for trifix® TRE, TRL, TRC, sizes 30 and 40
- Silicone-free



Basic robot brackets

- Polymer bracket
- 1m hook and loop strip
- Suitable for energy chains and protective hoses on cobot arms
- Silicone-free



Robot brackets with protector

- Polymer bracket
- 1m hook and loop strip
- Protector size 40
- Suitable for trifix® R, TRE, TRL, TRC, size 40
- Silicone-free



Robot brackets with PMAclip

- Polymer bracket
- 1m hook and loop strip
- PMAclip
- Suitable for all protective hoses with the following diameters: Ø17mm, Ø23mm, Ø29mm, Ø36mm and Ø48mm
- Silicone-free

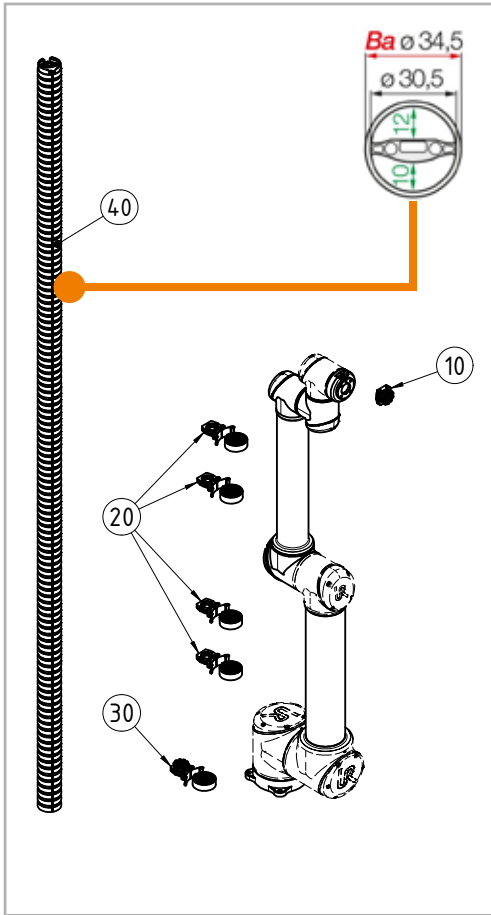
Your benefits at a glance

- For various robot arm diameters, universal applications
- Round or oval - the flexible design adapts to any arm contour
- Suitable for igus® trifix® R series TRC/TRE/TRL, sizes 30 and 40
- Silicone-free, suitable for automotive industry
- Compact, smooth design
- Slim, lightweight design
- Can also be combined with corrugated tube systems
- Virtually no edges, the risk of injury is minimised
- Assembled and retrofitted in just a few steps
- Low-cost addition in igus® cobot accessories product range

Kit examples ...

UR10/UR10e series

... Size 30

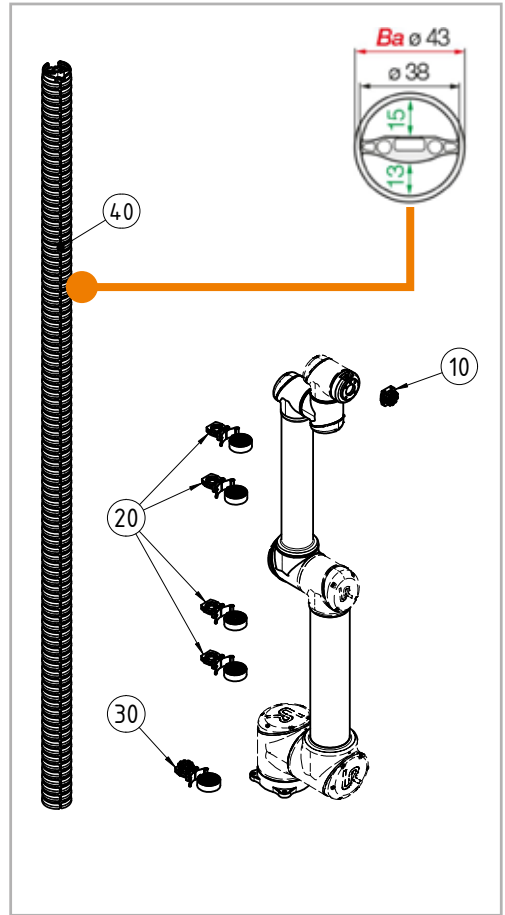


Kit Part No. TRE.918.070.LAE30

10	1pc	igus® mounting bracket Part No. TL.30.01.Z1
20	4pcs	Universal robotic bracket Part No. TR.COB.01.30.Z0.0
30	1pc	Universal robotic bracket Part No. TR.COB.01.30.Z1.0
40	192 links	igus® triflex® R e-chain® Part No. TRE.30.050.0

Optionally available with clamp for axis 6
Part No. TR.918.002

... Size 40

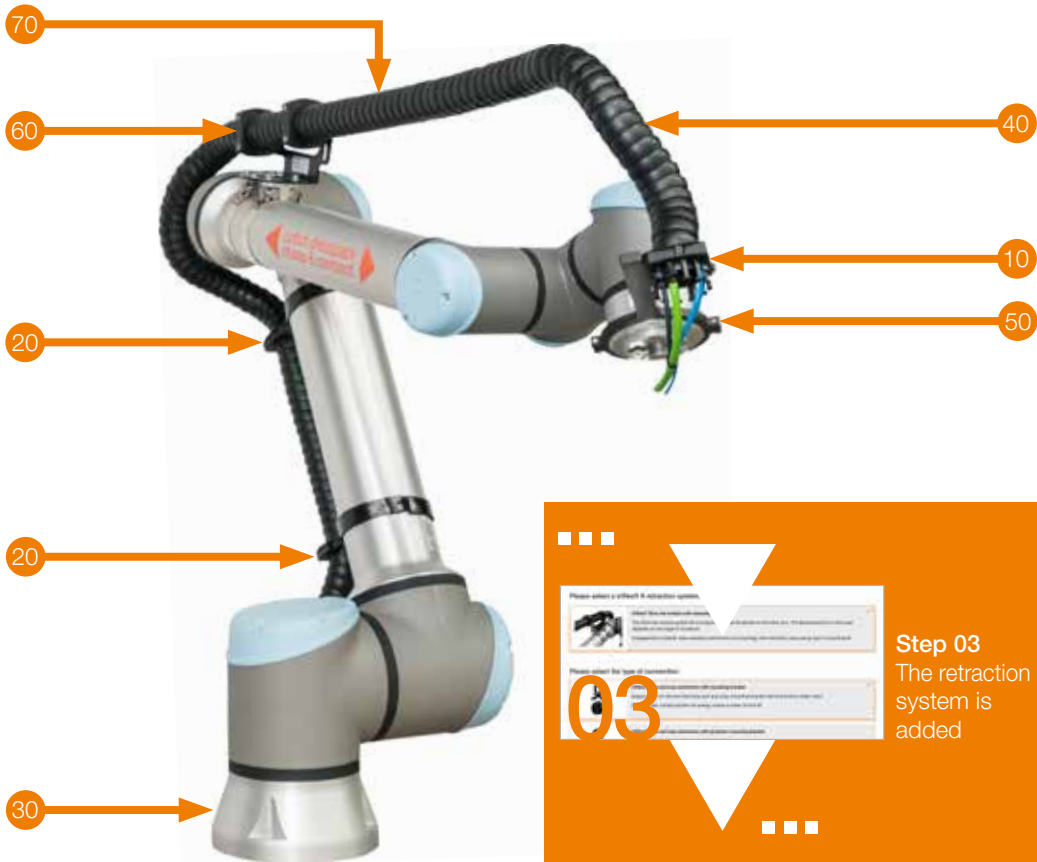


Kit Part No.: TRE.918.070.LAE40

10	1pc	igus® mounting bracket Part No. TL.40.01.Z2
20	4pcs	Universal robotic bracket Part No. TR.COB.01.40.Z0.0
30	1pc	Universal robotic bracket Part No. TR.COB.01.40.Z2.0
40	155 links	igus® triflex® R e-chain® Part No. TRE.40.058.0.B

Optionally available with clamp for axis 6
Part No. TR.918.002

New for UR10/UR10e: Configurable online ... retraction system



Modular robot kit

Item	Quantity	Description	Part No.
10	1pc	igus® mounting bracket	TL.40.01.Z2
20	2pcs	Universal robotic bracket	TR.COB.01.40.Z0.0
30	1pc	Universal robotic bracket	TR.COB.01.40.Z2.0
40	123 links	igus® triflex® R e-chain®	TRE.40.058.0.B
50	1pc	Clamp UR10/UR10e	TR.918.002
60	1pc	triflex® assembly kit for fibre-rod module	TR.917.924
70	1pc	igus® triflex® R e-chain® fibre-rod module	TRE.F.40.0600.1.0.B

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