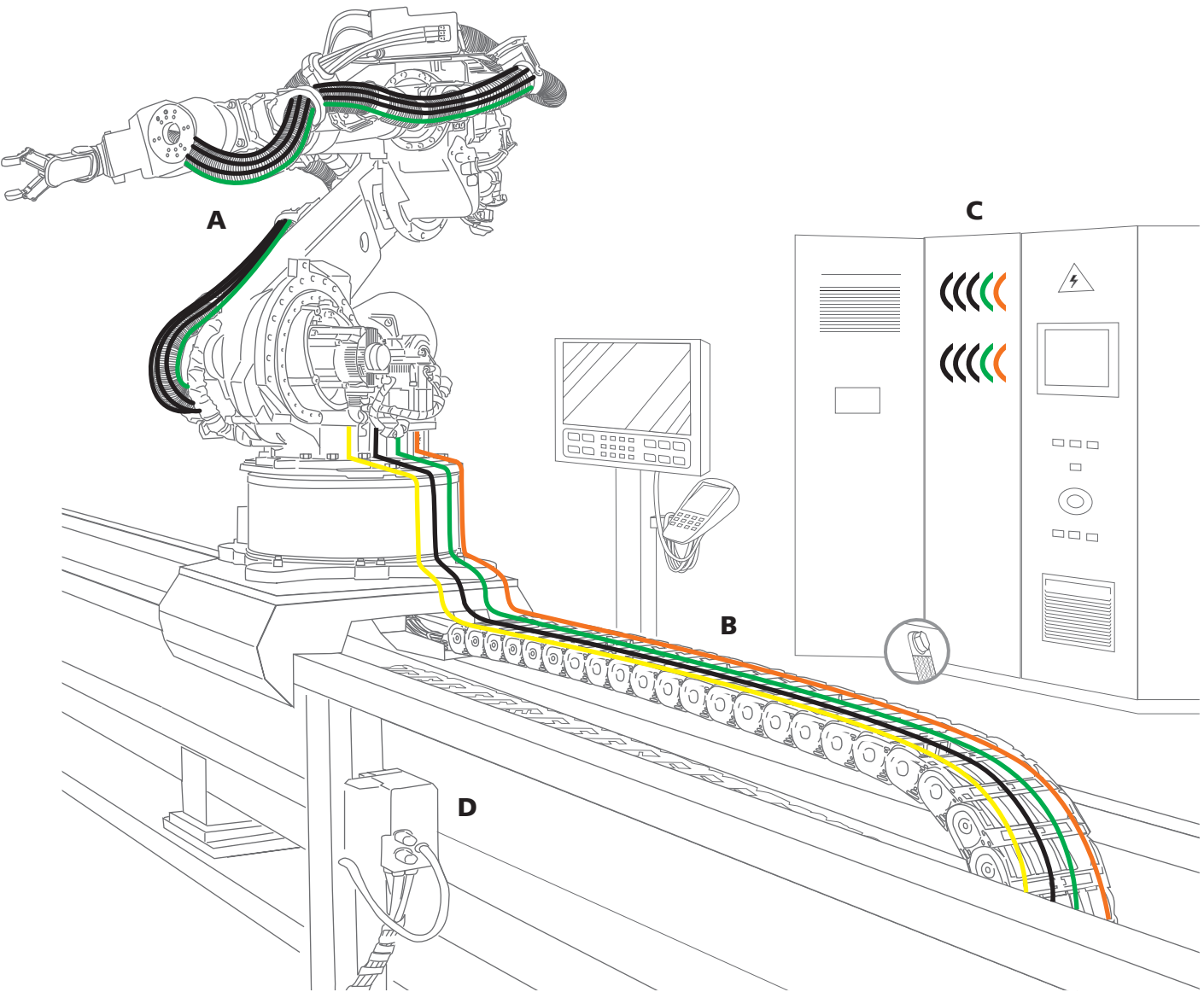


Our Product Portfolio

The following products are available for industrial automation:



A) Tube Dresspacks

HELUCONTROL® ROBOFLEX®-D
HELUdata® ROBOFLEX®-D-PAAR
HELUPOWER® ROBOFLEX®
HELUKAT® 100 T Tordierflex
PROfinet Type R
600 S PROfinet Torsion, SF/FTP, Cat. 7
HELUcond PA12 Corrugated tube

B) Drag chain - Axis 7

TOPSERV® Hybrid PUR
TOPGEBER 512 PUR
HELUKABEL® ROBOFLEX®-recycle
MULTISPEED® 500-PUR UL/CSA
PROfinet Type C
HELUTOP® MS-EP4 EMV cable gland

C) Switch cabinet

H07V-K / 07V-K
FIVENORM
PROfinet Type A or B
Cu-Earthing strap
Patch Cables

Connection Technology for the Next Generation of Industry

An increasing number of production processes are being automated across industries around the world, for example, in the automotive industry and among its suppliers, the food industry, the trade sector and logistics. Autonomous handling and transport systems as well as industrial robots and computer-controlled machining centres ensure greater productivity, consistent high quality and flexible manufacturing to batch size 1.

Integrated automation systems in industry require a very large number of processors, sensors, drives and controls that are intelligently and digitally interconnected with each other. The right cables and wires are indispensable for this: they ensure that all system components reliably receive the power and data they need.

They must also meet complex requirements, depending on the application: for example, they might need to be resistant to high temperatures, chemicals, oil or mechanical stresses such as bending and torsion, be suitable for use in confined spaces or capable of ever higher data transmission rates. Such requirements make industrial automation a challenging environment for cables and wires.

For decades, HELUKABEL has been a renowned partner to numerous leading companies in this field and offers a comprehensive product portfolio for automation technology: our range includes motor, servo and encoder cables for electrical drives, flexible and torsion-resistant robot cables, cable accessories, data, bus and Ethernet cables and even space-saving hybrid cables that combine power and data transmission. Customer-specific designs, pre-assembled components, ready-to-use system solutions and drag chains are just as much our strengths as our worldwide logistics network, which ensures high product availability and short delivery times. You too can trust in our expertise!

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Cables, Wires and Accessories for INDUSTRIAL AUTOMATION



The suitable solution for every application

Please see here which cables, wires and accessories are used in the different areas of industrial automation.

- [1] Data cables (Bus/Ethernet/Fibre cables)
- [2] Drive cables (Servo/Feedback/Hybrid)
- [3] Cables for robot applications
- [4] Drag chain cables
- [5] Installation cables
- [6] Pre-assembled cables (Data/Drive technologie)

- [7] HELUKAT data connector
- [8] HELUTEK circular connectors
- [9] HELUTOP cable glands
- [10] Components for earthing concepts
- [11] Protection tubes
- [12] Tools and accessories

1 Control Station

Key point for controlling and monitoring manufacturing and logistics processes.
[1] [5] [6] [7] [9] [12]

3 Machining Centre

Machine tool containing several functions such as turning, milling and drilling.
[1] [2] [4] [5] [6] [7] [8] [9] [10] [11] [12]

5 Switching cabinet

Contains all electrical and electronic components that are not directly installed in the machine or system.
[1] [2] [5] [6] [7] [8] [9] [10] [11] [12]

7 Conveyor System

Stationary conveyor system for transporting various goods or workpieces.
[1] [2] [5] [6] [7] [8] [9] [10] [11] [12]

9 Driverless Transport System

Floor-bound conveyor with its own travel drive, which is automatically controlled and guided without contact.
[1] [5]

2 Laser-Cut Device

System for separating workpieces using laser radiation.
[1] [2] [4] [5] [6] [7] [8] [9] [12]

4 Control Panel

Stationary or mobile device with display and/or keyboard for operating machines and systems.
[1] [3] [4] [6] [7] [9] [11] [12]

6 Pick & Place Area

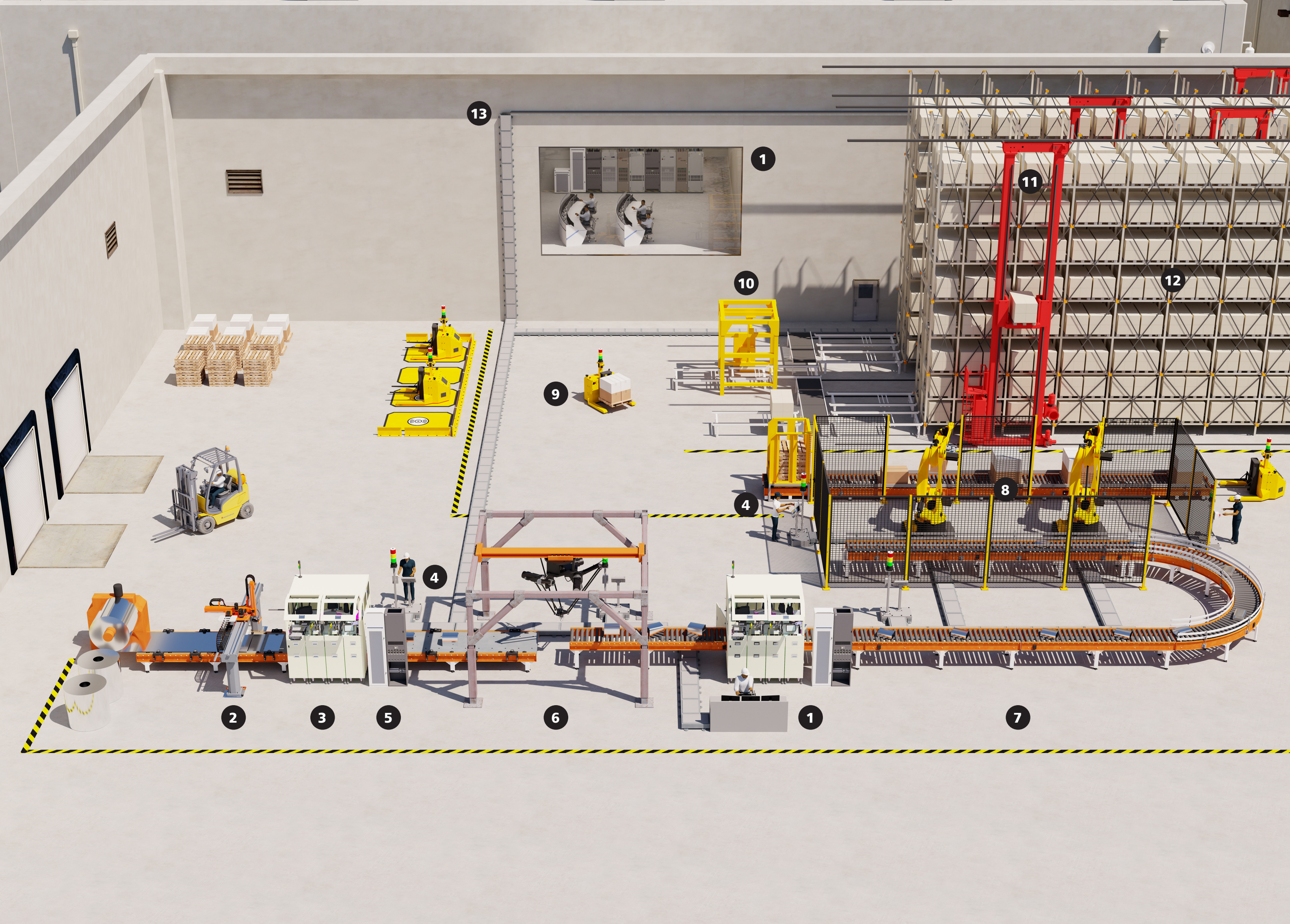
Device that independently grips, sorts and places goods or workpieces.
[1] [2] [6] [7] [8]

8 6 Axis Robot

Articulated arm robot with six rotary axes for carrying out a wide range of movements and tasks.
[1] [2] [3] [6] [7] [8] [9] [10] [11] [12]

10 Labelling Area

Used to apply barcodes or labels to goods and workpieces.
[1] [4] [5] [6] [7] [12]



11 Stacker Crane

Rail-guided, single-track vehicle used to store and retrieve goods in a high-bay warehouse.
[1] [2] [4] [5] [7] [8] [9] [12]

13 Cable Trays

Load-bearing structure made of sheet metal or plastic for cables and wires.
[1] [5] [11] [12]

12 High-bay warehouse

Storage area with permanently installed shelf constructions where goods or workpieces are stored on top of each other.
[1] [2] [4] [5] [7] [8] [9] [12]

Contact

Our product experts are available to answer your questions and provide customised solutions:



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