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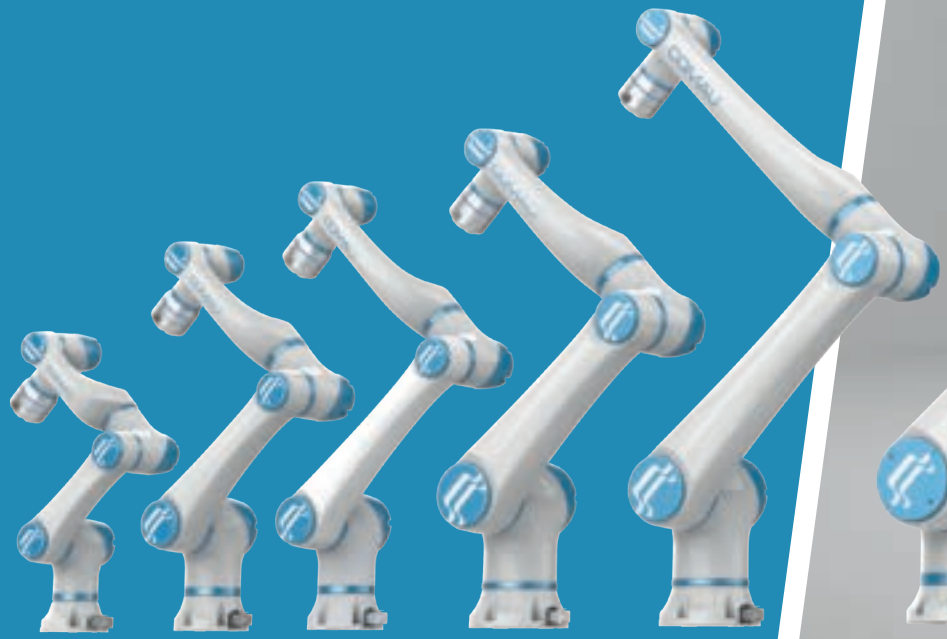
MyCo

Collaborative Robots





Smarter Collaboration

Seamless integration and programming

The MyCo family of cobots is designed for **quick installation**, **easy programming**, and **rapid redeployment** to support faster lead times and reduce integration complexity.

Combining collaborative safety features with ergonomic benefits, MyCo enables humans and robots to work side-by-side, improving employee well-being, optimizing floorspace, and supporting safer, more inclusive operations.

With six lightweight models (**3 kg to 30 kg payloads**), Comau's new collaborative robot family delivers a precise, reliable and cost-effective automation solution for companies of all sizes.





Model	MyCo-3-0.59	MyCo-3.5-0.95	MyCo-5-0.80	MyCo-8-1.30	MyCo-10-1.00	MyCo-15-1.30	MyCo-30-1.80
Weight	18kg	26kg	25kg	45kg	43kg	60kg	93kg
Payload	3kg	3.5kg	5kg	8kg	10kg	15kg	30kg
Reach	590mm	950mm	800mm	1300mm	1000mm	1300mm	1800mm
Power Consumption	"100W Typical Application"	"180W Typical Application"	"180W Typical Application"	"350W Typical Application"	"350W Typical Application"	"600W Typical Application"	“600W Typical Application”
Joint Range	"J1, J4, J6 ±360° J2 ±135° J3 ±150° J5 ±147°"	"J1, J4, J6 ±360° J2 ±135° J3 ±153° J5 ±180°"	"J1, J4, J6 ±360° J2 ±135° J3 ±153° J5 ±180°"	"J1, J4, J6 ±360° J2 ±135° J3 ±153° J5 ±180°"	"J1, J4, J6 ±360° J2 ±135° J3 ±153° J5 ±180°"	"J1, J4, J6 ±360° J2 ±135° J3 ±153° J5 ±180°"	J1, J2, J3, J4, J5, J6 ±360°
Joint Speed	"J1–J4 180°/s J5–J6 200°/s"	"J1–J4 180°/s J5–J6 200°/s"	"J1–J4 180°/s J5–J6 200°/s"	"J1–J2 100°/s J3–J4 150°/s J5–J6 180°/s"	"J1–J2 100°/s J3–J4 150°/s J5–J6 180°/s"	"J1–J2 80°/s J3–J4 120°/s J5–J6 150°/s"	J1-J2 120°/s J3 120°/s J4-J6 180°/s
Tool Speed	2m/s	3m/s	3m/s	2.5m/s	2m/s	2m/s	3.7m/s
Repeatability	±0.02mm	±0.02mm	±0.02mm	±0.03mm	±0.03mm	±0.05mm	±0.05mm
Working Temperature	0-50°C						0-45° C
Mounting Position	Floor / Ceiling / Inclined Plane / Wall						Floor
Collaborative Operation	10 advanced security configuration functions						/
Communication	TCP/IP, ModbusTCP, Profinet (Optional), Ethernet/IP (Optional)						
UL94 Classification	V0						
Degree of Freedom	6						
Dust and Water Protection Class	IP54 (IP66 optional)						
End I/O Port	Digital input: 3, Digital output: 3, Analog input: 2						
Control box I/O port	Digital input: 16, Digital output: 16, Analog input: 2, Analog output: 2						
I/O Source	24V 2A						
Programming	Graphical Programming, Remote calling interface						
Main Material	Aluminium Alloy						
Power Input	100-240V AC, 50-60Hz						
Cable	Cable to control box: 5m, Cable to teach pendant: 5m						
Communication	TCP/IP, ModbusTCP, Profinet (Optional), Ethernet/IP (Optional)						

Main Features

Internal Cabling

Variety of Models

Payload between 3kg to 30kg; Reach between 0.59mm to 1800mm

Fully integrated with ROS/ROS2

Easy to Program

Drag-and-drop programming SDK with Python, C++ and C#

Ease of Equipment

with external dressings

High Precision

High Flexibility

High Protection

against dust and water (Standard IP54, optional IP66)

Best Joint Positioning

for applications and cycle times

Excellent Repeatability

for precise applications such as Arc Welding up to 0.02mm

High Speed up to 3.7m/s

in non collaborative mode

Force Control Integration

- Constant force control for perfect trajectory
- Fast programming
- Soft control with smooth free-drive teaching
- Cartesian manual guidance



Easy Installation

Low Weight

Easy Deployment

Easy User Interface

Compatible

with main gripper brands

Easy to Maintain

Manual Guidance

Available as a turnkey solution

for palettizing and arc welding

Modular Design

UL94V0

Communication systems

TCP/IP, Modbus, Profinet (optional), Ethernet/IP (optional)

Main Industries and Applications

MyCo Collaborative Robots

Main Applications
Arc Welding
Handling
Loading & Unloading
Palletizing
Marking
Screwing
Machine Finishing
Spraying

Main Industries
Automotive
Healthcare & Pharmaceutical (warehouse or secondary packaging)
Renewable Energy
Education
Metalworking
Naval
Railway Industry
Food & Beverage (warehouse or secondary packaging)





When is the Collaborative Robot needed?

When available space in the plant is limited

When you need to make operator and robot cooperate

When the process and volume requirements can be met at the same speed as an operator

When you need flexibility to automate a wide variety of processes

Why choose Comau's Cobot?

Our Value Proposition

Technical support and after sales

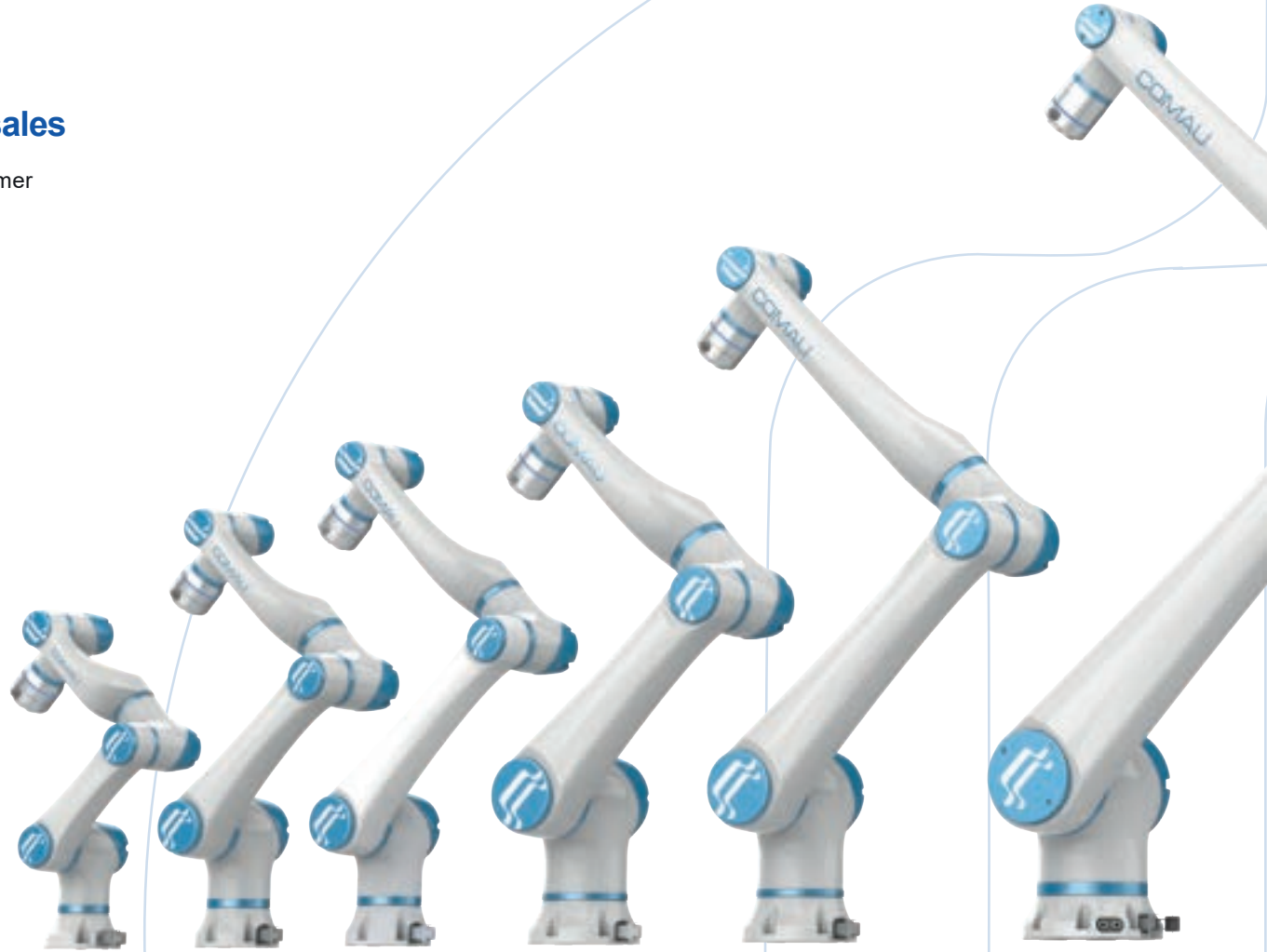
- Direct contact with our worldwide customer
- No language barriers

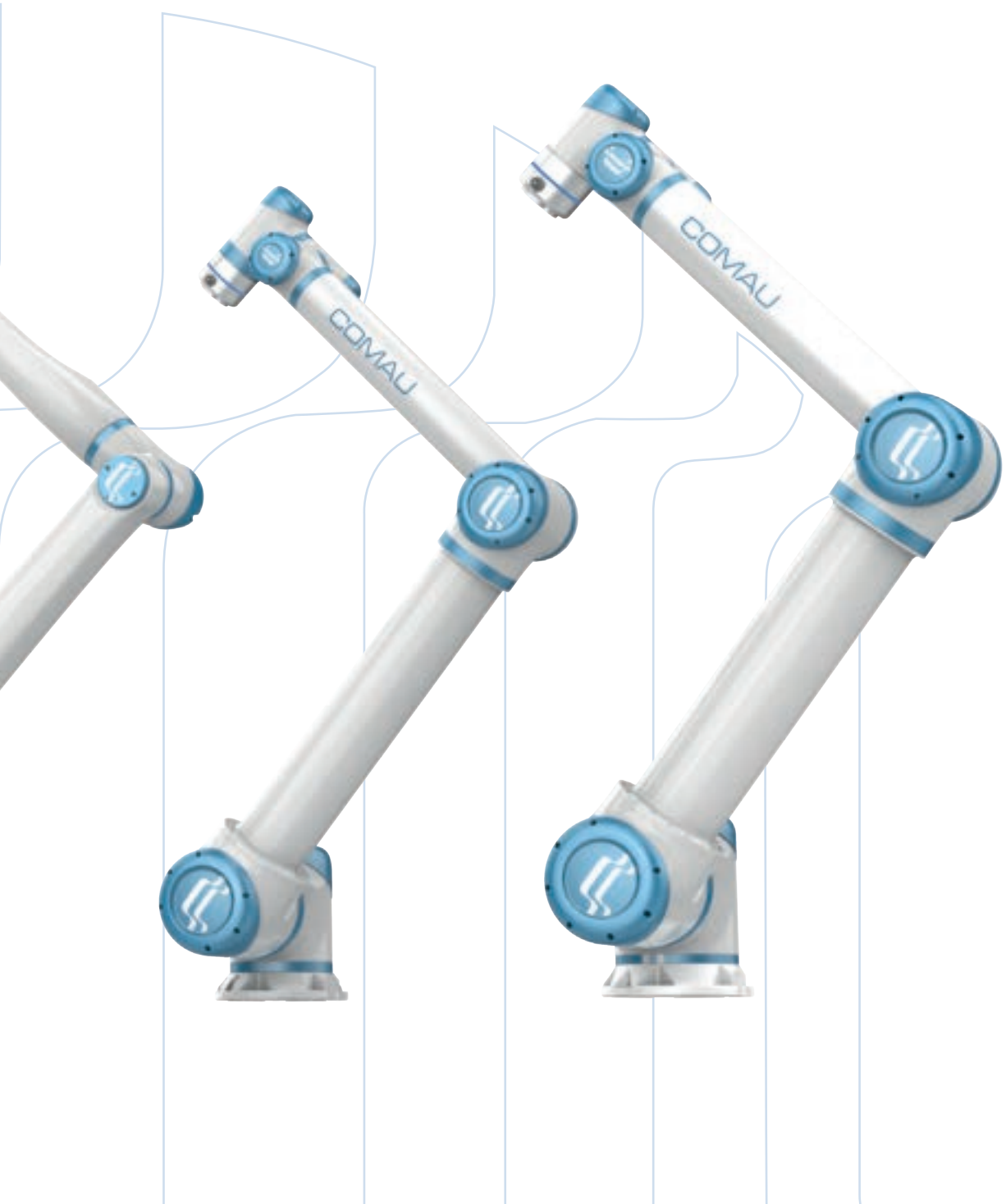
50+ years of experience as System Integrators

- Vision Systems
- IoT
- Industry 4.0 and 5.0
- Partnerships with the main end-effectors brands
- Standard Cell solutions
- Process and Simulation Skills

Realistic industrial vision

- The Collaborative Robot is an industrial object: it takes expertise and training
- Both the application and the robot itself must be collaborative





Why choose Comau's Cobot?

Our Value Proposition

Complete portfolio

- Comau has a full portfolio of industrial and collaborative robots - we can help you choose the right robot for the right application
- Applications and regulations expertise
- Experience in robot selection, setup and cycle time calculation

Complete training

- Remote Training
- In-person Training
- Cycle Simulation in our plant
- Webinars
- Product Presentations

comau.com

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Made in Comau