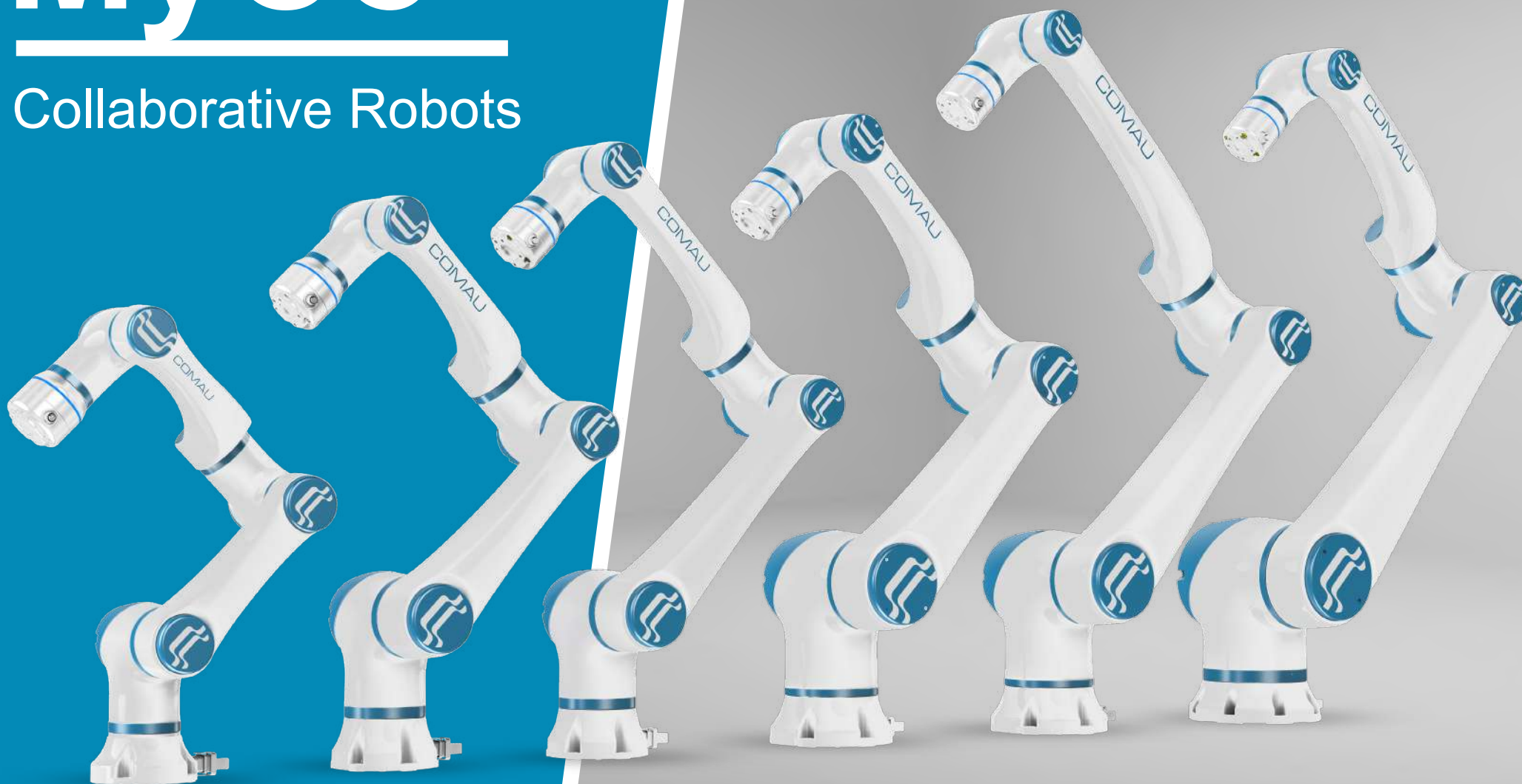


# MyCo

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-byside, improving employee well-being, optimizing floorspace, and supporting safer, more inclusive operations.

With six lightweight models (**3 kg to 15 kg payloads**), Comau’s new collaborative robot family delivers a precise, reliable and cost-effective automation solution for companies of all sizes.



Technical Info

MyCo Family

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
Weight	18kg	26kg	25kg	45kg	43kg	60kg
Payload	3kg	3.5kg	5kg	8kg	10kg	15kg
Reach	590mm	950mm	800mm	1300mm	1000mm	1300mm
Power Consumption	"100W Typical Application"	"180W Typical Application"	"180W Typical Application"	"350W Typical Application"	"350W 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°"
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"
Tool Speed	2m/s	3m/s	3m/s	2.5m/s	2m/s	2m/s
Repeatability	±0.02mm	±0.02mm	±0.02mm	±0.03mm	±0.03mm	±0.05mm
Degree of Freedom	6					
Dust and Water Protection Class	IP54 (IP66 optional)					
UL94 Classification	V0					
Mounting Position	Floor / Ceiling / Inclined Plane / Wall					
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					
Communication	TCP/IP, ModbusTCP, Profinet (Optional), Ethernet/IP (Optional)					
Programming	Graphical Programming, Remote calling interface					
Collaborative Operation	10 advanced security configuration functions					
Main Material	Aluminium Alloy					
Working Temperature	0-50°C					
Power Input	100-240V AC, 50-60Hz					
Cable	Cable to control box: 5m, Cable to teach pendant: 5m					



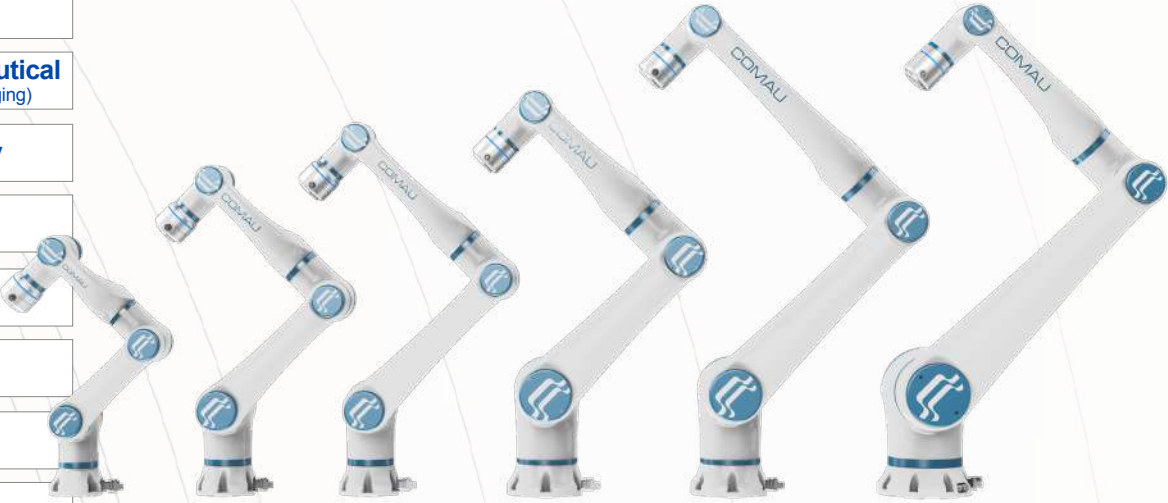
# Main Features

Variety of Models		
Fully integrated with ROS/ROS2		
for advanced robotics in collaboration mode		
Low Weight	Best Joint Positioning	
Easy Deployment	for applications and cycle times	
Easy Installation	Ease of Equipment	
Easy to Program	with external dressings	
High Precision	Excellent Repeatability	
High Flexibility	for precise applications such as Arc Welding	
Modular Design	High Speed	
High Protection	in non collaborative mode	
against dust and water	Force Control Integration	Easy User Interface
UL94V0	• Constant force control for perfect trajectory	Compatible
Internal Cabling	• Fast programming	with main gripper brands
	• Soft control with smooth free-drive teaching	Easy to Maintain
	• Cartesian manual guidance	Manual Guidance



# Main Industries and Applications MyCo Collaborative Robots

Main Applications	Main Industries
Arc Welding	Automotive
Handling	Healthcare & Pharmaceutical (warehouse or secondary packaging)
Loading & Unloading	Renewable Energy
Palletizing	Education
Marking	Metalworking
Screwing	Naval
Machine Finishing	Railway Industry
Spraying	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 man 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



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