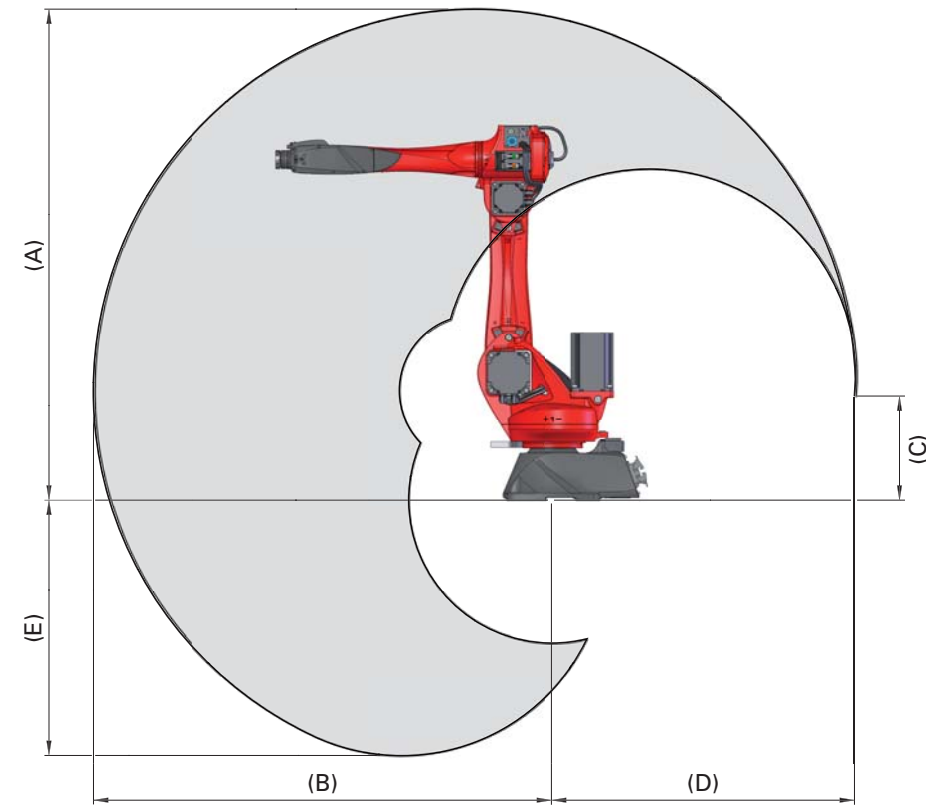


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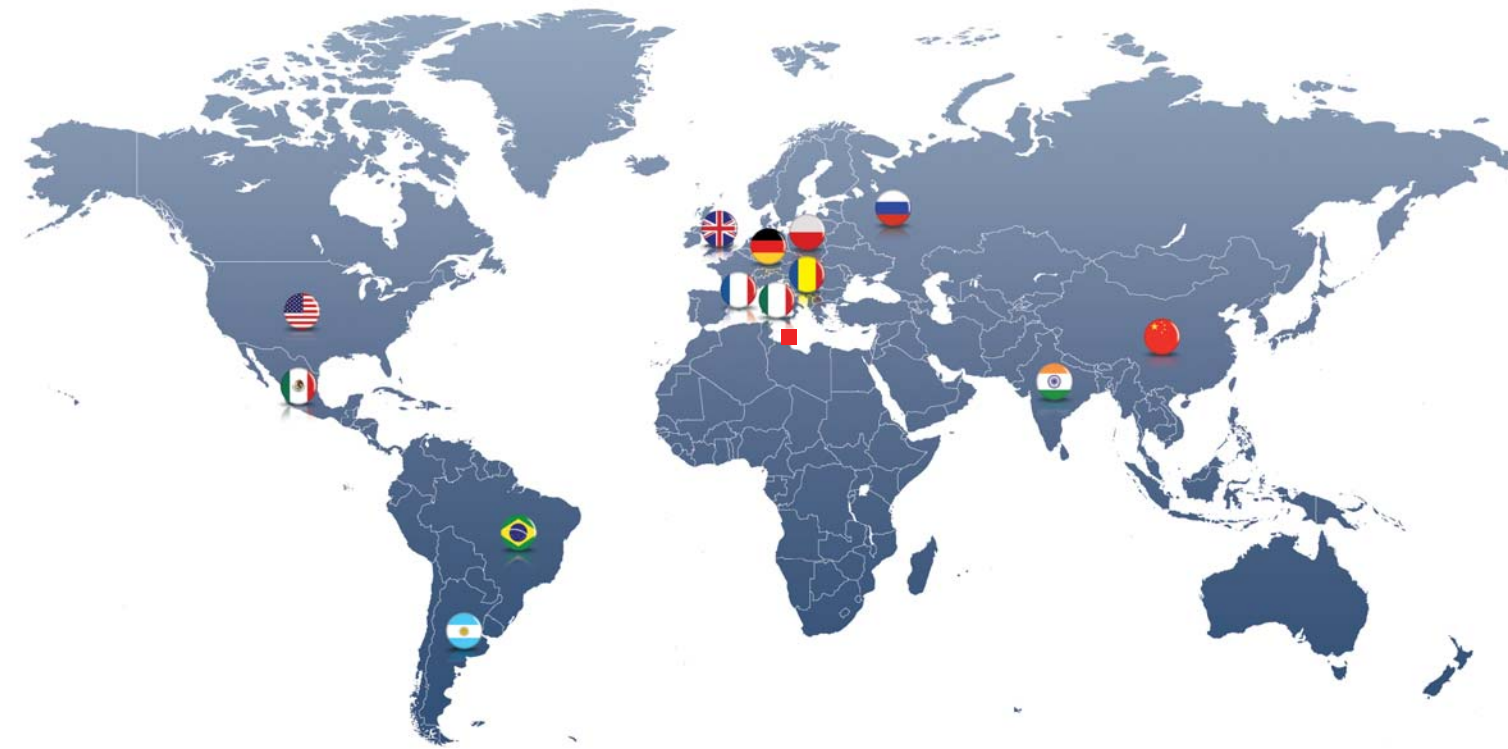


- Arc Welding
- Assembly
- Cosmetic Sealing
- Foundry
- Handling
- Packaging
- Machine Tending
- Measuring
- Testing
- Polishing
- Deburring

ROBOT APPLICATIONS

MODEL		RACER 7-1.4
Structure / n° axes		Anthropomorphic / 6 axes
Maximum payload		7 kg
Additional load on forearm		10 kg
Torque on axis 4		13 Nm
Torque on axis 5		13 Nm
Torque on axis 6		7,5 Nm
Stroke / (Speed)	Axis 1	+/- 165° (220 °/s)
	Axis 2	-85° / + 155° (250 °/s)
	Axis 3	0° / - 170° (300 °/s)
	Axis 4	+/- 210° (550 °/s)
	Axis 5	+/- 135° (550 °/s)
	Axis 6	+/- 2700° (600 °/s)
Maximum horizontal reach		1436 mm
Robot weight		160 kg
Repeatability		+/- 0,05 mm
Tool coupling flange		ISO 9409 - 1 - A 40
Motors		AC brushless
Position measurement system		encoder
Total power installed		3KVA
Protection class		IP 65
Working temperature		5 °C ÷ + 45 °C
Storage temperature		-40 °C ÷ + 60 °C
Assembly position		Floor
		Ceiling
		Sloped (45° max)
Operating area	A	1716 mm
	B	1436 mm
	C	412 mm
	D	1134 mm
	E	801 mm

COMAU GLOBAL NETWORK



Designed
to Perform



COMAU

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COMAU



Faster than the wind.

A powerful arm, agile and sinuous like a feline.
A design created to emulate **muscles** and nerves ready to spring into action.

The base features a sleek and **innovative design** that ensures maximum robot stability.



Speed with style: **Racer**

Finally, the most **modern technology** encounters **elegance of form** and becomes **art**.

Racer

Compact size, **extraordinary performance**

- ✓ The world's **fastest** in class*
- ✓ **Increased rigidity** for more precise application
- ✓ **Lower energy consumption** lower installed power according to **VeCOMAU** Energy Management System



Racer When technology **takes care of every detail**



*with 5 kg nominal load cycle