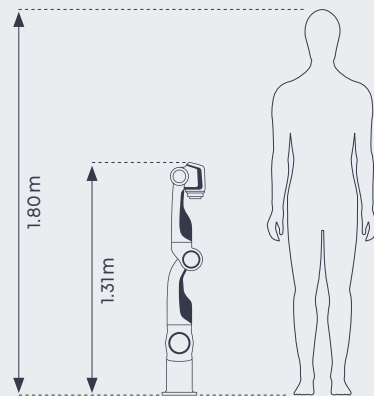




AGILE ROBOTS



Diana 7
Say hello to
a new era



Lightweight robotics meets multisensory technology



7 degrees of freedom
7 joints
7 kg payload

Say hello to Diana 7

Diana 7 is a cutting-edge lightweight robot, featuring seven degrees of freedom and integrated torque sensors in all seven axes, ensuring exceptional dexterity and sensitivity. With a repeatability of ± 0.05 mm, a 7 kg payload capacity, 923 mm reach, and precise force control of 0.5 N, Diana 7 is designed to handle complex and delicate industrial applications with exceptional precision.

With its IP50 rating and advanced motion control, Diana 7 delivers reliable performance even in the most demanding, confined environments. As a result, the robot offers exceptional versatility across various industries – from assembling delicate electronics in the consumer electronics sector to handling medium-duty tasks in automotive.

This versatility also extends into research: Diana 7 is used extensively across a range of applications, from pharmaceutical settings to advanced AI and robotics research in both academia and industry. Thanks to the software interface FCI (Franka Control Interface), researchers can directly access the robot's control algorithms, free from abstract software layers or filters.



Safe

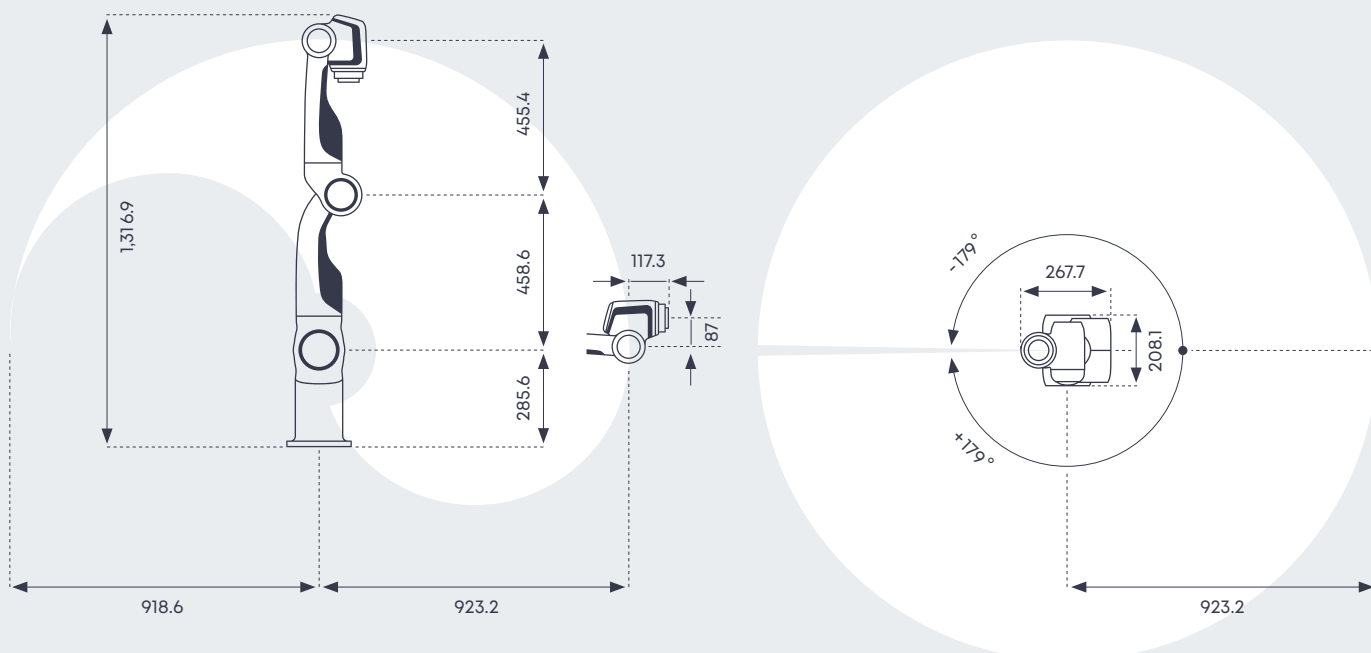
Highly sensitive torque control, virtual boundaries, and a safety-driven design ensure secure operation.

Skillful

Maximum dexterity, precision, force control, and a high payload enable diverse industrial tasks.

Intuitive

A user-friendly graphical interface and advanced hand-guiding capabilities facilitate fast and intuitive programming.



Agile Robots SE is a world-class provider of next-generation automation solutions. By combining artificial intelligence and robotics, the company makes industries smarter, more flexible, and more efficient.

Founded in Munich in 2018 by renowned robotics researchers from the German Aerospace Center (DLR), Agile Robots has experienced rapid global growth. Today, more than 2,300 highly skilled robotics and AI enthusiasts are employed in Germany, China and India. The company has one of the largest research and development teams in the AI and robotics industry.

Agile Robots has built a unique portfolio, together with the subsidiaries Franka Robotics, BÄR Automation, audEERING and the joint venture with the BMW Group, idealworks, the company covers all areas of AI-driven robotics.

**Find out more about our customized solutions.
Book a consultation or demo.**
Contact our experts today.

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Technical data may be subject to change
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