

10 MOST AMAZING ROBOTIC ARMS

1		HADRIAN X THE BUILDER	
2		KUKA LBR iiwa THE SENSITIVE	
3		IRB 1660ID THE OPERATOR	
4		KUKA KR AGILUS THE PERFECTIONIST	
5		YASKAWA MONTOMAN YMR12 THE JAPANESE	
6		DOBOT CR6-5 THE BARISTA	
7		DOBOT M1 SCARA THE REPLICANT	
8		COBOT UR3E THE ELEGANT	
9		MEGA500 THE TINY	
10		NIRYO ONE THE CHEF	



Image gallery: 10 most amazing robotic arms

10 most amazing robotic arms - Are you ready to adopt one?

Would you mind having a little helper in the kitchen that will chop an onion and stir a stew for you? Or maybe you are up to a bigger task, like building a house, and you need assistance? The impossible becomes possible with those 10 most amazing and innovative robotic arms. Have a look at the ranking prepared by [Trademachines](#).

Even though robotic arms were initially designed for assistance in mass production industries, it is not uncommon anymore to see them in households or small- and medium-businesses performing monotonous everyday tasks.

As technology advances, robotic arms have become even more versatile and the number of tasks they can be assigned to have grown bigger. No matter if you need help with everyday chores, assembly or even construction work, you will find a robotic arm that can do it for you.

We have put together the most incredible robots on the market. Have a look at our image gallery and see more. Which one is your favourite?

See image gallery:

https://press.trademachines.com/latest_media

Contact

Beata Majka
Online Marketing Manager
<https://trademachines.com/>

Tel. +49 30 61 29 71 16

Email: beata.majka@trademachines.com

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Sources & Ranking:

No. 1. Hadrian X / *Fastbrick Robotics Limited* (Australia)

<https://www.fbr.com.au/view/hadrian-x>
<https://commons.wikimedia.org/wiki/File:Extended.jpg>
<https://www.youtube.com/watch?v=264r1Bowy-g>

No. 2. KUKA LBR iiwa / *KUKA* (Germany)

<https://www.kuka.com/en-de/products/robot-systems/industrial-robots/lbr-iiwa>

No. 3. IRB 1660 ID / *ABB Robotics* (a Swiss-Swedish company)

<https://new.abb.com/products/robotics/industrial-robots/irb-1660id>
<https://www.expo21xx.com/news/lbr-iiwa-industrial-lightweight-robot/>

No. 4. KUKA KR AGILUS / *KUKA* (Germany)

<https://www.kuka.com/en-de/products/robot-systems/industrial-robots/kr-agilus>

No. 5. YASKAWA Motoman YMR12 / *YASKAWA* (Japan)

https://www.yaskawa.eu.com/fileadmin/Loesungen/Innovationen/Flyer_MobileRobotYMR12_E_06.2016.pdf

No. 6. Dobot CR6-5 / *Shenzhen Yuejiang Technology Co., Ltd.* (China)

<https://www.dobot.cc/event/meet-dobot-cr6-5-at-hannover-messe-2019.html>

No. 7. Dobot M 1 Scara / *Shenzhen Yuejiang Technology Co., Ltd.* (China)

https://www.kickstarter.com/projects/dobot/dobot-m1-pro-robotic-arm-for-makers-and-businesses?ref=project_tweet

<https://www.dobot.cc/dobot-m1/product-overview.html>

No. 8. Cobot UR3e / *Universal Robots* (Denmark)

<https://www.universal-robots.com/products/ur3-robot/>

No. 9. Meca500 / *Mecademic Inc.* (Canada)

<https://mecademic.com/products/Meca500-small-robot-arm.html>

No. 10. Niryo One / *Niryo* (France)

<https://niryo.com/product/niryo-on>

Image captions:

No. 1. **Hadrian X** / Fastbrick Robotics Limited (Australia) - **The Builder**

Hadrian X - Fully automated bricklaying machine

Hadrian X is a fully automated, construction robot able to successfully complete a 180 square meters house within 3 days. Hadrian X is not only four times faster than any man but also tireless. It lays 1000 bricks per hour and can work 24 hours a day.

No. 2. **KUKA LBR iiwa** / KUKA (Germany) - **The Sensitive**

KUKA LBR iiwa - Robot of great sensitivity

KUKA LBR iiwa is designed for human-robot collaboration and perfect for delicate assembly work. The sensitive robot performs accurately monotonous tasks that require a high level of precision, i.e. in automotive engineering or medical technology.

No. 3. **IRB 1660 ID** / ABB Robotics (a Swiss-Swedish company) - **The Operator**

IRB 1660 ID - Pioneer in CNC machining

This jointed-arm robot delivers high performance in arc welding and machine tending. It's extremely precise and performs fast point-to-point movements.

No. 4. **KUKA KR AGILUS** / KUKA (Germany) - **The Perfectionist**

KUKA KR AGILUS - Master of speed and precision

KUKA belongs to a family of small robots. It's extremely versatile - the robot can work in the toughest conditions, like moisture, water, or dust. No matter if installed on the floor, wall or ceiling it can do wonders with maximum speed.

No. 5. **YASKAWA Motoman YMR12** / YASKAWA (Japan) - **The Japanese**

YASKAWA Motoman YMR12 - Native japanese robot

YASKAWA Motoman YMR12 is a combination of a MOTOMAN robot and a mobile platform with an autonomous path planning function. It is suitable for i.e. logistic applications, material handling, assembling etc.

No. 6. **Dobot CR6-5** / Shenzhen Yuejiang Technology Co., Ltd. (China) - **The Barista**

Dobot CR6-5 - Skilled coffee making professional

This versatile and cost-effective 6-axis robotic arm is going to make your life easier! The intelligent, self-learning robot will help you with many tasks ranging from brewing your coffee, packaging work, categorizing to working in a lab setting. Thanks to its grippers, it can pick up and handle many objects of different shapes.

No. 7. **Dobot M 1 Scara** / Shenzhen Yuejiang Technology Co., Ltd. (China) - **The Replicant**

Dobot M 1 Scara - Automation specialist

DOBOT M1 Scara is fast, agile and accurate and has a high load capacity of 1,5 kg despite its own weight of 20 kg. It can be equipped with accessories such as grippers, suction cups, dispensers, soldering tools and many more. Thanks to the versatile accessories, DOBOT M1 Scara can be used to automate numerous processes with little effort.

No. 8. **Cobot UR3e** / Universal Robots (Denmark) - **The Elegant**

Cobot UR3e - Combination of efficiency and elegance

Thanks to the force-torque sensor Cobot UR3e is very sensitive. This enables it to carry out even the most difficult and delicate tasks with the greatest sensitivity. Cobot UR3e will deliver you maximum productivity 24 hours a day, 365 days a year without any complaints.

No. 9. **Meca500** / Mecademic Inc. (Canada) - **The Tiny**

Meca500 - Assistant that will fit anywhere

Meca500 fits perfectly on the palm of your hand and is the smallest robotic arm in the world. Designed as an automation component rather than a stand-alone machine, it can be connected to a PLC or industrial PC. However, its field of application extends far beyond mechanical engineering, assembly lines and medical equipment. It will work side by side with a goldsmith on jewellery or a watchmaker on watches.

No. 10. **Niryo One** / Niryo (France) - **The Chef**

Niryo One - Kitchen attendant

A miniature Niryo One was designed primarily for hobbyists, schools, educational institutions and small businesses. It will assist you with cleaning up, screw tightening and cooking. In no time at all, it will stir a soup or mix vegetables into rice.