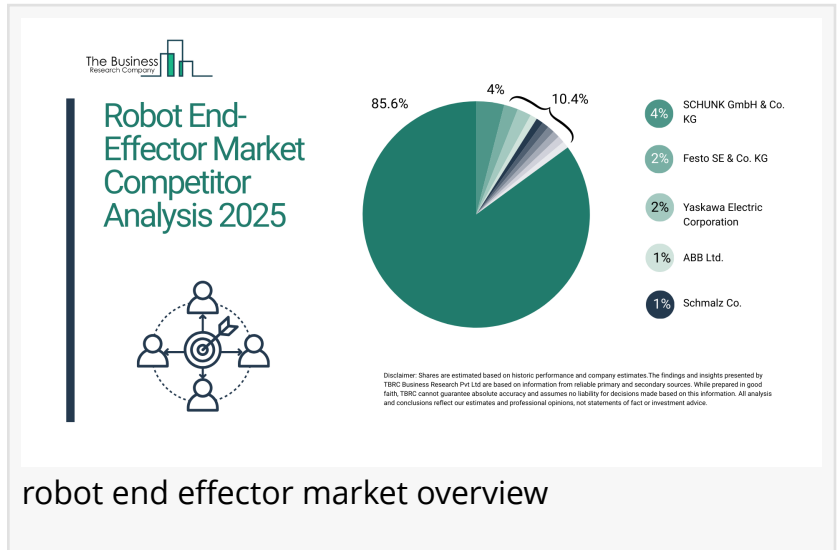


# Robot End-Effector Market Competition Analysis 2025: How Players Are Shaping Growth

*The Business Research Company's Robot End-Effector Market Competition Analysis 2025: How Players Are Shaping Growth*

LONDON, GREATER LONDON, UNITED KINGDOM, January 5, 2026

[/EINPresswire.com/](https://EINPresswire.com/) -- "The Robot End-Effector market is dominated by a mix of global robotics leaders and regional innovators. Companies are focusing on advanced grippers, collaborative and handling end-effectors, modular designs, and sensor-integrated solutions to strengthen market presence and enhance automation efficiency. Understanding the competitive landscape is key for stakeholders seeking growth opportunities, strategic partnerships, and expansion in sectors such as automotive, electronics, logistics, and industrial manufacturing.



Expected to grow to \$11.5 billion in 2029 at a compound annual growth rate (CAGR) of 18.4%”

*The Business Research Company*

**Which Market Player Is Leading the Robot End-Effector Market?**

According to our research, SCHUNK GmbH & Co. KG led global sales in 2024 with a 4% market share. The company partially involved in the robot end-effector market, provides assortments of gripping systems and clamping technology from a single source. Their portfolio includes a comprehensive range of standard and customized grippers

(pneumatic, electric, magnetic and adhesive), tool changers, force/torque sensors, compensation units, rotary and linear modules and accessories designed for flexible and efficient automation solutions.

**How Concentrated Is the Robot End-Effector Market?**

The market is fragmented, with the top 10 players accounting for 15% of total market revenue in

2024. This level of fragmentation reflects the industry's high entry barriers driven by complex technical requirements, demand for precision, and the need for customizable and reliable automation solutions. Leading vendors such as SCHUNK GmbH & Co. KG, Festo SE & Co. KG, Yaskawa Electric Corporation, ABB Ltd., Schmalz Co., Kuka AG, Zimmer Group, Piab AB, ATI Industrial Automation Inc., and Dover Corporation (Destaco) dominate through advanced, modular, and sensor-integrated end-effector solutions, while smaller firms serve niche applications. As adoption of industrial automation and collaborative robotics accelerates, consolidation and strategic partnerships are expected to further strengthen the dominance of major players.

• Leading companies include:

- o SCHUNK GmbH & Co. KG (4%)
- o Festo SE & Co. KG (2%)
- o Yaskawa Electric Corporation (2%)
- o ABB Ltd. (1%)
- o Schmalz Co. (1%)
- o Kuka AG (1%)
- o Zimmer Group (1%)
- o Piab AB (1%)
- o ATI Industrial Automation Inc. (1%)
- o Dover Corporation (Destaco) (0.4%)

Request a free sample of the Robot End-Effector Market report

[https://www.thebusinessresearchcompany.com/sample\\_request?id=8861&type=smp](https://www.thebusinessresearchcompany.com/sample_request?id=8861&type=smp)

Which Companies Are Leading Across Different Regions?

- North America: SCHUNK GmbH & Co. KG, Zimmer Group US, Inc., DESTACO (a Dover Corporation company), ATI Industrial Automation, SAS Automation, Applied Robotics, Inc., KUKA Robotics GmbH, Robot System Products (RSP) AB, Bastian Solutions, Robotiq Inc., and Givens Engineering, Inc. are leading companies in this region.
- Asia Pacific: Robot Tooling & Automation Australia Pty Ltd, Robotic Automation, Automation & Robotic Technologies, Automated Solutions Australia (ASA), PushCorp, Inc., Automation Innovation, Applied Robotics Pty Ltd, ATI Industrial Automation, ABB Robotics, KUKA Robotics GmbH, Romheld Automation Pty Ltd, ENKOSI, OMRON Corporation, Kawasaki Robotics, Yaskawa Motoman, Robot System Products AB, Siasun Robot & Automation Co., Ltd., Estun Automation Co., Ltd., Doosan Robotics, AUBO Robotics, Tesollo Inc., Pudu Robotics, Zimmer Group China, DH-Robotics, ROKAE Robotics (Beijing ROKAE Technology Co., Ltd.), YUIBOT Robotics, SMC Corporation, SCHUNK Intec K.K., Nabtesco Corporation, Kawasaki Heavy Industries, Ltd., Harmonic Drive Systems, Inc., Robostar Co., Ltd., Hyulim Robot Co., Ltd., Yujin Robot Co., Ltd., and T.Robotics Co., Ltd., and more are leading companies in this region.
- Western Europe: SCHUNK GmbH & Co. KG, NORMA Group SE, Sick AG, Comau S.p.A, Zimmer Group, Festo SE & Co. KG, Robotiq Inc., KUKA AG, and Weiss Robotics GmbH & Co. KG are leading companies in this region.
- Eastern Europe: CoRobotics Sp.z o.o., KUKA Robotics, Procobot Sp. z o.o., ABB Ltd., Effecto

Group, Palmech, STASTO Automation s.r.o., FANUC Czech s.r.o., Robot System Products, ROBOTSYSTEM, sro, AIUT Sp. z o.o., Universal Robots, Robotiq, and Total Technologies are leading companies in this region.

- South America: Shobai Automation, HIWIN Mectrol, Stäubli, Zimmer Group, and OnRobot are leading companies in this region

What Are the Major Competitive Trends in the Market?

- New Product Lines is transforming electric motors to open and close two jaws in a parallel motion to grip objects.
- Example: DESTACO (June 2025) assigns four teachable sensors, speed and force control and selectable internal or external grip configurations.
- These innovations designed for energy efficiency and versatility, the eRDH Series is suitable for applications in automotive, consumer goods, food and packaging and industrial manufacturing.

Which Strategies Are Companies Adopting to Stay Ahead?

- Launching modular and customizable end-effectors to expand product versatility and address diverse industrial applications
- Enhancing strategic partnerships and collaborations with robotics integrators and manufacturers to expand market reach
- Focusing on advanced sensing, vision, and AI integration to enhance precision, efficiency, and predictive maintenance capabilities
- Leveraging smart automation platforms and cloud connectivity for scalable, real-time monitoring and remote management of robotic operations

Access the detailed Robot End-Effector Market report here:

<https://www.thebusinessresearchcompany.com/report/robot-end-effector-global-market-report>

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