

Middle East & Africa Collaborative Robots Market Forecast to 2030 - Regional Analysis - Payload (Up to 5 Kgs, 5-10 Kgs, and Above 10 Kgs), Application (Assembly, Material Handling, Pick & Place, Quality Testing, Packaging, Machine Tending, Welding, and Others), Type (Robotic Arm, Grippers, Welding Guns, and Others) and End-User Industry (Automotive, Metal & Machinery, Electronics, Pharmaceuticals, Food & beverages, Logistics, and Others)

<https://marketpublishers.com/r/M1EC222D9A05EN.html>

Date: December 2023

Pages: 126

Price: US\$ 3,550.00 (Single User License)

ID: M1EC222D9A05EN

Abstracts

The Middle East & Africa collaborative robots market is expected to grow from US\$ 64.41 million in 2022 to US\$ 416.48 million by 2030. It is estimated to grow at a CAGR of 26.3% from 2022 to 2030.

Government Support for the Development and Deployment of Robotics Fuel Middle East & Africa Collaborative Robots Market

The governments of several nations are taking initiatives to support and promote the development and adoption of robotics in their respective countries. The government is offering considerable subsidies and tax breaks for industrial automation. For instance, by advancing innovation and cutting-edge technology, the UAE's Fourth Industrial Revolution Strategy seeks to enhance the country's status as a global centre for the Fourth Industrial Revolution and raise its economic contribution. The main focuses of the strategy include Robo-Care, which uses clinical robots and nanobots to improve healthcare in the UAE and offer remote robotic medical services both domestically and overseas. Furthermore, According to Vision 2021, which was expanded upon in the UAE Centennial 2071 project, the UAE government has been pushing the country towards a tech-driven economy. These goals must include AI and robots, and the

government is actively promoting these fields through programs like the UAE Artificial Intelligence Strategy 2031. Such initiatives and measures taken by governments worldwide are expected to propel the market growth for industrial robotics regionally thereby, bolstering the demand for collaborative robots as well.

Middle East & Africa Collaborative Robots Market Overview

The Middle East region comprises of several oil & gas refineries, which accounts for a major portion of the region's GDP. However, the manufacturing sector of Middle East is booming, and the government is taking several steps to encourage the manufacturing sector of the region. For instance, Dubai has established one of the biggest industrial centres for attracting new manufacturers. The UAE's Department of Economic Development has stated that the manufacturing sector is gaining pace and accounts for approximately 80% of the country's trade that does not include oil. Thus, signifying manufacturing industry as the second biggest contributor to the UAE's economy. Major manufacturing industries in Dubai includes rubber, plastics, F&B, printing and publishing, base metals, chemicals, metals, and electrical equipment and machinery, among others. Further, dominant industry sectors in Saudi Arabia include chemical and fertilizer manufacturing, plastics, metals, and ship & aircraft repair. Also, Africa is experiencing a growth in its manufacturing industry as well. Several countries in the region are attracting a lot of FDI in their manufacturing sector. The growth of the manufacturing industry in the region is anticipated to further propel the market demand for collaborative robots in MEA region. Also, other countries in MEA such as Israel has a robust aerospace industry, which further propels the market growth.

Middle East & Africa Collaborative Robots Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Collaborative Robots Market Segmentation

The Middle East & Africa collaborative robots market is segmented into payload, application, type, end-user industry, and country.

Based on payload, the Middle East & Africa collaborative robots market is segmented into up to 5 Kgs, 5-10 Kgs, and above 10 Kgs. The above 10 Kgs segment held the largest share of the Middle East & Africa collaborative robots market in 2022.

In terms of application, the Middle East & Africa collaborative robots market is segmented into assembly, material handling, pick & place, quality testing, packaging, machine tending, welding, and others. The material handling segment held the largest share of the Middle East & Africa collaborative robots market in 2022.

Based on type, the Middle East & Africa collaborative robots market is segmented into robotic arm, grippers, welding guns, and others. The robotic arm segment held the largest share of Middle East & Africa collaborative robots market in 2022.

In terms of end user industry, the Middle East & Africa collaborative robots market is automotive, metal & machinery, electronics, pharmaceuticals, food & beverages,

logistics, and others. The automotive segment held the largest share of Middle East & Africa collaborative robots market in 2022.

By country, the Middle East & Africa collaborative robots market is segmented into the South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa collaborative robots market in 2022.

Kuka AG, Yaskawa America Inc, Aubo (Beijing) Robotics Technology Co Ltd, Fanuc Corp, ABB Ltd, Universal Robots AS and Kawasaki Heavy Industries Ltd are some of the leading companies operating in the Middle East & Africa collaborative robots market.

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