

# **Europe Exoskeleton Robotic System Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (Lower Body Exoskeleton, Upper Body Exoskeleton, and Full Body Exoskeleton) and Application (Healthcare, Defense, and Industrial)**

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## **Abstracts**

The Europe exoskeleton robotic system market is expected to grow from US\$ 403.81 million in 2022 to US\$ 1,384.83 million by 2028; it is estimated to record a CAGR of 22.8% from 2022 to 2028.

**Expanding Applications in Military & Defense Sector to Create Lucrative Opportunities for Europe Exoskeleton Robotic System Market During 2022–2028**

Every nation is focusing on developing its armed forces to become a superpower. The armed forces are equipped with an advanced arsenal that helps them serve better. The soldiers are trained to carry heavy weights, ammunition, and guns to different altitudes for a long period of time. It can weigh anywhere from 90 to 140 pounds (40–64 kg) even though the recommended limit is just 50 pounds (23 kg). This can cause severe back pain and other upper body issues among soldiers. Exoskeleton robotic systems help them carry weights, ammunition, and other gear without putting strain on their backs and also help prevent spinal cord injury due to excess weight. Due to the scenario mentioned above, governments are investing in the customized military and defense-based exoskeletons to assist soldiers in performing better at war.

Additionally, with the increasing demand from the military & defense sector to enhance soldier performance, various companies are involved in the research and development of wearable technologies. Ongoing trials for military exoskeleton robotic systems are further expected to create ample opportunities for the market. Additionally, the Soldier

Center has initiated a 48-month-long Other Transaction Agreement (OTA) worth US\$ 6.9 million for the development of enough exoskeleton systems to conduct a comprehensive operational evaluation.

Thus, the rising demand from the military & defense sector is likely to create lucrative opportunities for the exoskeleton robotic system market during the forecast period.

## Exoskeleton Robotic System Market Overview

The European exoskeleton robotic systems market is segmented into Germany, the UK, France, Italy, Spain, and the Rest of Europe. The region holds a significant market share in the global exoskeleton robotic systems market and is estimated to register a robust growth rate during the forecast period. The market is expected to witness a significant growth during the forecast period due to factors such as growing multiple sclerosis and rising orthopedic rehabilitation demand, along with technological developments made by players operating in the region.

## Europe Exoskeleton Robotic System Market Revenue and Forecast to 2028 (US\$ Million)

### Europe Exoskeleton Robotic System Market Segmentation

The Europe exoskeleton robotic system market is segmented on the basis of type, application, and country. Based on type, the Europe exoskeleton robotic system market is segmented into lower body exoskeleton, upper body exoskeleton, and full body exoskeleton. The lower body exoskeleton segment held the largest market share in 2022.

Based on application, the Europe exoskeleton robotic system market is segmented into healthcare, defense, and industrial. The healthcare segment held the largest market share in 2022.

Based on country, the Europe exoskeleton robotic system market is segmented into the UK, Germany, France, Spain, Italy, and the Rest of Europe. Germany dominated the market share in 2022.

Lockheed Martin Corp; Cyberdyne Inc.; Panasonic Holdings Corp; Hocoma AG; ReWalk Robotics Inc.; Ekso Bionics Holdings Inc.; Parker Hannifin Corp.; Myomo Inc.; B-Temia Inc.; AlterG Inc.

are the leading companies operating in the Europe exoskeleton robotic system market.

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