

IDC Innovators

IDC Innovators: Collaborative Robots, 2018

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IDC INNOVATORS IN COLLABORATIVE ROBOTS

Intelligent collaborative robots (cobots) equipped with sensors, visions, mobility, and data analytics are finding their sweet spot applications in manufacturing, logistics, and other industries. The deployment of cobots have experienced significant growth in recent years. This trend is expected to continue in the coming years, fueled by the maturity of technology, availability of a broader range of solutions, and the accumulation of application experiences by the user community and ecosystem players.

The innovators profiled in this study are focused on developing cobots to help drive the adoption of collaborative robotic automation and elevate the overall competitiveness of the end-user organizations. They've brought to market innovative products that address the challenges arising from increasing global competition, rising cost of labor and difficulties in hiring and retaining workers with the right skills. Four vendors are chosen in this study, including, in alphabetic orders, AUBO Robotics, Franka Emika, JK-Tech Robotics, and Techman Robotics (see Figures 1–5).

FIGURE 1

IDC Innovators in Cobots, 2018

		IDC Innovators are emerging vendors under US\$100 million that have an innovative new technology or a groundbreaking business model.	
Collaborative Robots, 2018			
Company Name:	Founded:	Headquarters:	
AUBO Robotics	2015	Beijing, China	
Franka Emika	2015	Munich, Germany	
JK-Tech Robotics	2017	Shenzhen, China	
Techman Robotics	2016	Taoyuan, Taiwan	

Source: IDC, 2018