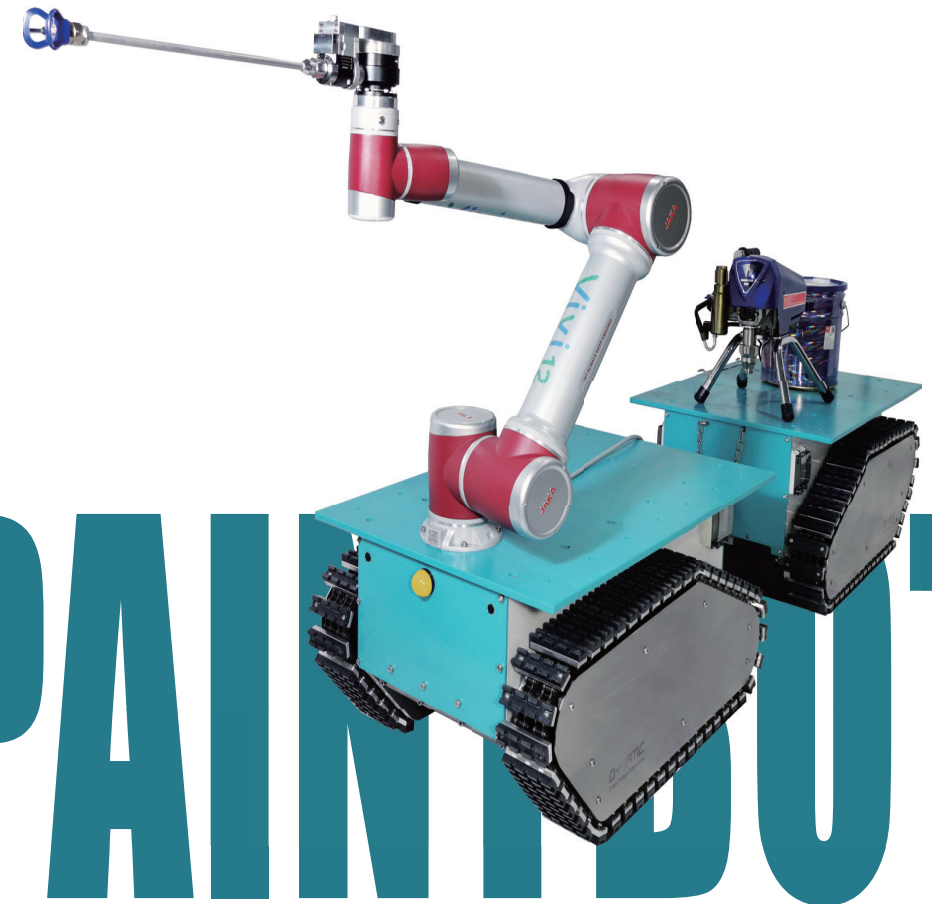


Paintbot 噴塗機器人



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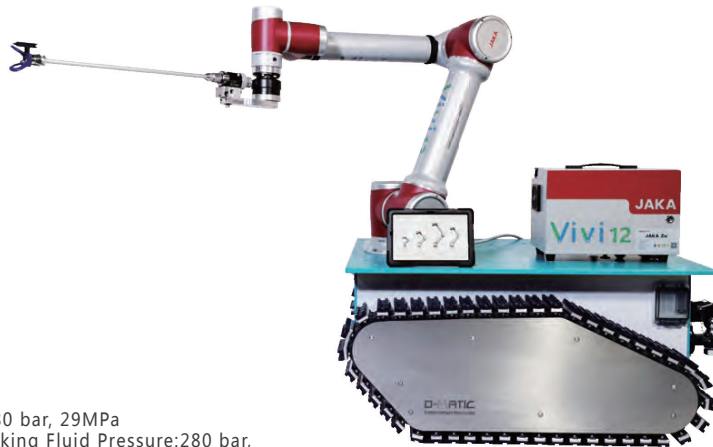
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PRODUCT SPECIFICATION

噴塗機器人規格說明

一款噴塗器和六軸協作式機器人的流動平台，游走於建築工地肩負各種不同的噴塗工作。

A 6-Axis Collaborative Robot (Cobot) with a spraying tool attached to an Universal Service Vehicle (USV) can maneuver on construction sites to handle painting jobs.



最高液體壓力:280 bar, 29MPa
Maximum Working Fluid Pressure:280 bar, 29MPa

最高液體溫度: 49°C
Maximum Working Fluid Temperature, paint applications: 49°C

最小氣缸驅動壓力:4.9 bar, 0.49MPa
Minimum Air Pressure :4.9 bar, 0.49MPa

重量:895kg
Weight :895kg

接液部件: Stainless Steel, Carbide, Ultra High Molecular Weight Polyethylene, Acetal, PTFE, PEEK, Chemically Resistant Fluoroelastomer

機器人活動範圍半徑 : 1327mm ; 1、5 & 6 軸可旋轉正負270度 ;
Robot working envelope radius: 1327mm , 1, 5 & 6 axis CW/CCW 270 degrees.

機器人負載 : 12kg
Robot payload: 12kg

產品說明 :

Product Description:

一款配備噴塗器和六軸協作式機器人的流動平台，游走於建築工地肩負各種不同的噴塗工作，無線遙控的流動平台將協作式機器人帶到需要噴塗的範圍，然後機器人利用噴塗器在指定的地方噴塗，在噴塗機器人和選配的升降台幫助下，工人將可遠離危險的高空作業和避免吸入有害物質。此外，噴塗機器人不會像人類般疲勞因此更精確和更有效率。

A 6-Axis Collaborative Robot (Cobot) with a spraying tool attached to an Universal Service Vehicle (USV) can maneuver on construction sites to handle painting jobs. The USV with wireless remote control moves Cobot into close proximity to painting areas. The Cobot moves the spraying tool to paint object surface. With the help of Paintbot and an optional rising platform, human workers are kept away from high rised works and potentially intoxicative inhalants. Besides, it is more accurate and efficient that Paintbot will not be physically fatigue like human workers.

