



JACKBOT



打鑿機器人



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PRODUCT SPECIFICATION

打鑿機器人規格說明

一款配備電鑿和六軸協作式機器人的無線遙控車輛，遊走於建築工地肩負各種不同的打鑿工作。

A 6-Axis Collaborative Robot (Cobot) with a jack hammer attached to an Unmanned Service Vehicle (USV) can maneuver on construction sites to handle spalling jobs.



單次衝擊能源: 7.5 J
Single impact energy : 7.5 J

全速錘擊頻率: 3180 衝擊次數/分
Full hammering frequency : 3180 impact/min

鑿子效能最大值: 900 cm³/min
Max. chiseling performance : 900 cm³/min

A-量級排放聲壓級: 93 dB (A)
A-weighted emission sound pressure level : 93 dB (A)

鑿入混凝土的三軸震動值: 15.9 m/s²²
Triaxial vibration for chiseling in concrete : 15.9 m/s²²

符合 EPTA-程序 01/2003 的重量: 5 公斤
Weight according to EPTA Procedure 01/2003 : 5 Kg

變體速度開關: 是
Variable speed switch : Yes

應用: 表面工作, 拆除灰泥/瓷磚和其它, 套筒 (粗化, 平滑表面), 鑿子的角度調整, 貫穿/開孔
Applications : Surface works, chiseling, drilling

工具夾頭種類: HEX 17
Tool chuck type : HEX 17

尺寸 (長x寬x高): 495 x 108 x 243 mm
Dimensions : 495 x 108 x 243 mm

產品說明:

一款配備電鑿和六軸協作式機器人的無線遙控車輛，遊走於建築工地肩負各種不同的打鑿工作，無線遙控的運輸車將協作式機器人帶到需要打鑿的範圍，然後機器人利用打鑿機在指定的地方打鑿，在打鑿機器人和選配的升降台及吸塵器的幫助下，工人將可遠離危險的高空作業和多塵的危險環境。此外，打鑿機器人不會像人類般疲勞因此更精確和更有效率。



PRODUCT DESCRIPTION

A 6-Axis Collaborative Robot (Cobot) with a jack hammer attached to an USV can maneuver on construction sites to handle spalling jobs. The USV with wireless remote control moves Cobot into close proximity to a spalling spot. Then the Cobot will move the jack hammer with an optional rising platform to remove any undesired objects. A Dust Removal System (DRS) collects the dust during spalling process. With the help of this jackbot, DRS and the optional rising platform, human workers are kept away from high rised work and dusty hazard working environment. Besides, jackbot will work more precisely than human workers. It is more accurate and efficient that it will not be physically fatigue like human workers.