

KHA Series Large Auto Tool Changer

Auto Tool Changer for Large Robot

Key Features

- 8 sizes and 9 models with payload limit ranging from 25 to 600 kg are available as a standard lineup.
- 230kg and 600kg payload limit models are also newly available
- Clean room compliant types as standard models
- Anti-drop mechanism for standard models
- Max. 18 air ports (300kg payload limit)
- Check valves comes as standard
- Electrode for ground and electric signals for power are available



KHA-300

How To Order

■ Robot Side Standard ----- **KHA-45R**
Option ----- **KHA - 45 R - D**

Model		Size		Parts	
Symbol	Specification	Symbol		Symbol	Name
KHA		25	300	R	Robot Side Only
KHAC	Clean Room Specification	45			
		60			
		120			
		180			
		230			

Only 25 kg payload limit is available for KHAC

Option					
Symbol	Name	Symbol	Name	Symbol	Name
M	Coupling Confirmation Sensor	DL1	Electrode for Signal Wires, Connector L-shape Base 1	DL3S ^{*1}	Electrode for Signal Wires, Connector L-shape Base 3 + Straight Connector
O	Uncoupling Confirmation Sensor	DL2	Electrode for Signal Wires, Connector L-shape Base 2		
C	Coupling Confirmation Sensor	DL3	Electrode for Signal Wires, Connector L-shape Base 3	DA1	Electrode for Ground (600A, 1-piece)
OC	Coupling & Uncoupling Confirmation Sensor	DL1S ^{*1}	Electrode for Signal Wires, Connector L-shape Base 1 + Straight Connector	DB6	Electrode for power (20A, 6-piece)
D	Electrode for Signal Wires (3A·16-pin)	DL2S ^{*1}	Electrode for Signal Wires, Connector L-shape Base 2 + Straight Connector	Z	Special Type (Custom)
DS	^{*1} Electrode for Signal Wires + Straight Connector				

Options for KHA-25 and KHAC-25 are the same as KHC (except B, T1, T2)

^{*1} Straight connector on customer side (NJC-24-16-PM (Nanaboshi Electric Mfg. Co., Ltd.) [JIS C5432 compliant product])

Robotic Peripheral Devices