



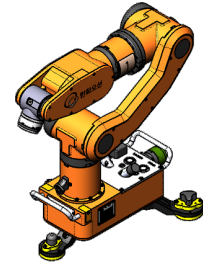
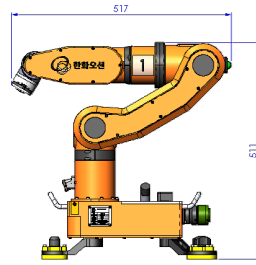
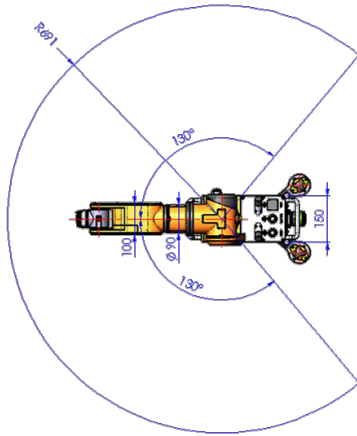
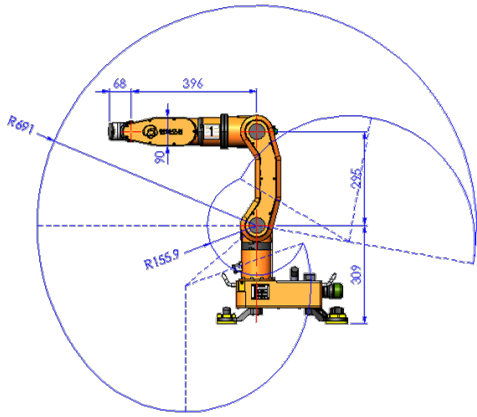
Features

- Small and lightweight body
- Easy installation
- Reliable and proven performance

INDY-H

Double hull portable welding robot

Robot Specifications



Free standing enclosed type controller



Welding machine & touch sensor



Uses touch GUI to train welders

INDY-H		
Type	Vertically Articulated robot	
Axes	6	
Payload	3 kg	
Reach	691 mm	
Repeatability	±0.05 mm	
Motion range	J1	±130°
	J2	-100° ~ +130°
	J3	-160° ~ +70°
	J4	±180°
	J5	±130°
	J6	±360°
Motion speed	J1	74.5°/s
	J2	74.5°/s
	J3	74.5°/s
	J4	118.8°/s
	J5	118.8°/s
	J6	120°/s
Wrist moment	J4	14 N·m
	J5	7.7 N·m
	J6	7.7 N·m
Mechanical brakes	J1, J2, J3, J4, J5	
Weight	15.8 kg	
Mounting Method	Floor (Permanent Magnet)	
Temperature	0 ~ 45°C	
Max. Humidity	85%	
Purpose	Double hull U-cell welding	

Controller Specifications	
Operating System	QNX
Motion Type	Joint, Linear, Circular, Blending
Servo Control	Soft Control by EtherCAT
User / Machine Interface	Ethernet (100 Base-T), USB x 2 (for Monitoring, Version-up)
Fieldbus	EtherCAT
Digital Input/Output	Input 16CH, Output 8CH
Analog Input/Output	Input 2CH, Output 8CH
Rated Supply Voltage	1-phase, AC 220V at 50-60Hz
Dimensions (LxWxH)	565 x 245 x 490 mm
Weight	22 kg
Environment	Ambient Temperature : 0°C ~ 40°C Relative humidity : Max. 85%
Safety	Dual-channel E-Stop button

Teaching Pendant Specifications	
Model	DTP7 H-P
Connect by	Ethernet, RS-485
Dimensions (LxWxH)	270 x 195 x 72 mm
Weight	1 kg (without cable)
Display	Touch GUI