



Item	Model	HH020
Configuration		Vertically Articulated
Degree of Freedom		6
Payload		20kg
Repeatability		±0.08mm
Motion Range	S-Axis	±185°
	H-Axis	+195° - 70°
	V-Axis	+260° - 170°
	H/V Interference	-90° + 180°
	R2-Axis	±195°
	B-Axis	±135°
Maximum Speed	R1-Axis	±360°
	S-Axis	3.32rad/s, 190° / s
	H-Axis	3.14rad/s, 180° / s
	V-Axis	3.32rad/s, 190° / s
	R2-Axis	6.63rad/s, 380° / s
	B-Axis	6.63rad/s, 380° / s
Allowable Moment	R1-Axis	10.47rad/s, 600° / s
	R2-Axis	39.2 N.m ( 4kgf.m )
	B-Axis	39.2 N.m ( 4kgf.m )
	R1-Axis	19.6 N.m ( 2kgf.m )
Allowable Moment of Inertia (GD/4)	R2-Axis	0.88 kgf.m <sup>2</sup>
	B-Axis	0.88 kgf.m <sup>2</sup>
	R1-Axis	0.25 kgf.m <sup>2</sup>
Mass		225 kg
Ambient Conditions	Temperature	0 - 45°C
	Humidity	20 - 85%RH (non-condensing)
	Vibration	Less than 4.9m/s <sup>2</sup> (0.5G)

MODEL	HH020
DATE	2013.0 8.01
HYUNDAI HEAVY INDUSTRIES CO.,LTD. ENGINE & MACHINERY DIVISION	

