

Quattro 650H/HS

<b>Product name</b>		<b>Quattro</b>			
	<b>Size</b>	<b>650</b>			
	<b>Type</b>	<b>H</b>		<b>HS</b>	
	<b>IP</b>	<b>Standard</b>	<b>IP65/67</b>	<b>Standard</b>	
<b>Part Number</b>		1721-2600[ ]	1721[ ]-2602[ ]	1721[ ]-2601[ ]	
<b>Number of axes</b>		4			
<b>Mounting</b>		inverted			
<b>Working volume</b>	<b>X, Y axis (stroke)</b>	1300 mm			
	<b>Z axis (stroke)</b>	500 mm			
	<b>theta axis (rotation angle)</b>	0° (fixed) (P30)			
		±46.25° (P31)			
		±92.5° (P32)			
±185° (P34)					
<b>Maximum Payload</b>		6 kg (P30: 15 kg)	3 kg (P30: 12 kg)		
<b>Repeatability</b>		±0.10 mm			
<b>Cycle times, sustained, at 20°C ambient</b>	<b>Payload 0.1 kg</b>	0.30 s *1, 0.46 s *2		0.39 s *1, 0.55 s *2	
	<b>Payload 1.0 kg</b>	0.36 s *1, 0.47 s *2		0.41 s *1, 0.58 s *2	
	<b>Payload 2.0 kg</b>	0.37 s *1, 0.52 s *2		0.42 s *1, 0.59 s *2	
	<b>Payload 4.0 kg</b>	0.41 s *1, 0.58 s *2		-	
	<b>Payload 6.0 kg</b>	0.43 s *1, 0.61 s *2		-	
<b>Power Requirements</b>		24 VDC: 11 A (eAIB, SmartController) 200 to 240 VAC: 10 A, single-phase			
<b>Protection</b>	<b>Base</b>	<b>Topside of robot</b>	IP20	IP65	IP66
		<b>Underside of robot</b>	IP65	IP65	IP66
	<b>Platform, Arms</b>		IP67		
<b>Environment Requirements</b>	<b>Ambient Temperature</b>		1 to 40°C		
	<b>Humidity Range</b>		5 to 90% (non-condensing)		
<b>Weight</b>		117 kg			
<b>USDA-Accepted for meat and poultry processing</b>		---	---	Yes	
<b>Basic configuration</b>	<b>Controller</b>		SmartController EX		
	<b>On-board I/O (Input/Output)</b>		12/8		
	<b>Conveyor tracking input</b>		4		
	<b>RS-232C serial communications port</b>		1		
	<b>Programming environment</b>		ACE, ePLC		
	<b>ACE Sight</b>		Yes		
	<b>ePLC Connect</b>		Yes		
	<b>ePLC I/O</b>		Yes		
<b>Connectable controller *3</b>		SmartController EX, NJ/NX/NY Series *4			

\*1. Adept cycle, in mm (25/305/25)

\*2. Extended cycle, in mm (25/700/25)

\*3. Choose a controller to suit your application.

\*4. The robot version 2.3.C or later is required to connect with the NJ/NX/NY Series.

Quattro 800H/HS

<b>Product name</b>		<b>Quattro</b>			
	<b>Size</b>	<b>800</b>			
	<b>Type</b>	<b>H</b>		<b>HS</b>	
	<b>IP</b>	<b>Standard</b>	<b>IP65/67</b>	<b>Standard</b>	
<b>Part Number</b>		1721[ ]-2630[ ]	1720[ ]-2632[ ]	1721[ ]-2631[ ]	
<b>Number of axes</b>		4			
<b>Mounting</b>		inverted			
<b>Working volume</b>	<b>X, Y axis (stroke)</b>	1600 mm			
	<b>Z axis (stroke)</b>	500 mm			
	<b>theta axis (rotation angle)</b>	0° (fixed) (P30)			
		±46.25° (P31)			
		±92.5° (P32)			
±185° (P34)					
<b>Maximum Payload</b>		4 kg (P30:10 kg)	1 kg (P30: 7 kg)		
<b>Repeatability</b>		±0.10 mm			
<b>Cycle times, sustained (at 20°C ambient)</b>	<b>Payload 0.1 kg</b>	0.33 s *1, 0.48 s *2		-	
	<b>Payload 1.0 kg</b>	0.38 s *1, 0.50 s *2		0.45 s *1, 0.62 s *2	
	<b>Payload 2.0 kg</b>	0.40 s *1, 0.55 s *2		-	
	<b>Payload 4.0 kg</b>	0.45 s *1, 0.62 s *2		-	
<b>Power Requirements</b>		24 VDC: 11 A (eAIB, SmartController) 200 to 240 VAC: 10 A, single-phase			
<b>Protection</b>	<b>Base</b>	<b>Topside of robot</b>	IP20	IP65	IP66
		<b>Underside of robot</b>	IP65	IP65	IP66
	<b>Platform, Arms</b>		IP67		
<b>Environment Requirements</b>	<b>Ambient Temperature</b>	1 to 40°C			
	<b>Humidity Range</b>	5 to 90% (non-condensing)			
<b>USDA-Accepted for meat and poultry processing</b>		---	---	Yes	
<b>Weight</b>		117 kg			
<b>Basic configuration</b>	<b>Controller</b>	SmartController EX			
	<b>On-board I/O (Input/Output)</b>	12/8			
	<b>Conveyor tracking input</b>	4			
	<b>RS-232C serial communications port</b>	3			
	<b>Programming environment</b>	ACE, ePLC			
	<b>ACE Sight</b>	Yes			
	<b>ePLC Connect</b>	Yes			
	<b>ePLC I/O</b>	Yes			
<b>Connectable controller *3</b>		SmartController EX, NJ/NX/NY Series *4			

\*1. Adept cycle, in mm (25/305/25)

\*2. Extended cycle, in mm (25/700/25)

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