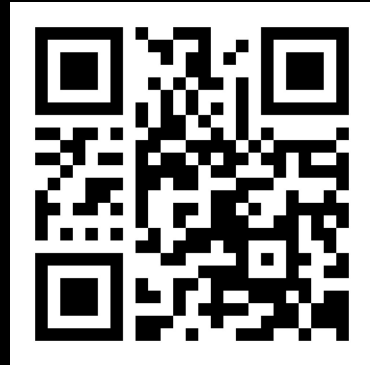




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CS SERIES

COBOT SUPERIOR





Robotic Arm

		CS63	CS66	CS612
Degrees of freedom		6		
Weight		16.5kg	22kg	37kg
Payload		3kg	6kg	12kg
Working radius		624mm	914mm	1304mm
Repeatability		±0.02mm	±0.03mm	±0.05mm
Joints range		±360°		
Max joints speed	Joint 1	180°/s	150°/s	120°/s
	Joint 2	180°/s	150°/s	120°/s
	Joint 3	180°/s	180°/s	150°/s
	Joint 4	230°/s	230°/s	180°/s
	Joint 5	230°/s	230°/s	180°/s
	Joint 6	230°/s	230°/s	180°/s
Typical TCP speed		1.5 m/s		
IP rating		IP54		
Ambient temperature		0–50 °C		
Relative humidity		<90% (No Condensation)		
Power consumption		150w	250w	500w
Mounting		Any angle		
High speed digital input		4		
Tool I/O		4 x DIO, 1 x AI, 1x AO		
Tool I/O power supply		12 V/24 V, 3A(three pin mode), 2A (two pin mode), 1A (one pin mode)		
Tool communication		RS485		
Footprint		Ø 128 mm	Ø 150 mm	Ø 190 mm
Cable length		5.5 m		

Controller

Cabinet size (WxHxL)	505mm x 432mm x 257mm
Weight	14 kg
Material	Aluminum, Steel
IP rating	IP54
I/O interface	24 x DI (8 x DI Configurable), 24 x DO (8 x DO Configurable), 2 x AI, 2 x AO
I/O power supply	Voltage: 24V; Current: 3A (internal power), 6A (external power)
Communication	3 Ethernet, 1 RS485, TCP/IP, MODBUS TCP/RTU, EtherNet/IP, Profinet
Power supply	100–240 VAC, 50–60 Hz
Ambient temperature	0–50 °C
Relative humidity	<90% (No Condensation)

*Ethernet IP upcoming



Teach Pendant

Screen display size	12.1"
Resolution	1280 x 800 pixels
Material	Aluminum, Plastic
Weight	2.1 kg
Cable length	5.5 m
IP rating	IP54
Ambient temperature	0–50 °C
Relative humidity	<90% (No Condensation)