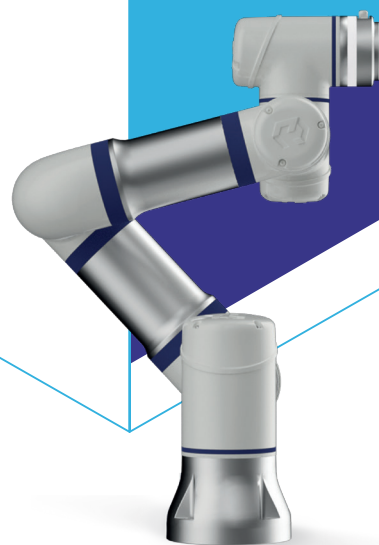


# CS 63



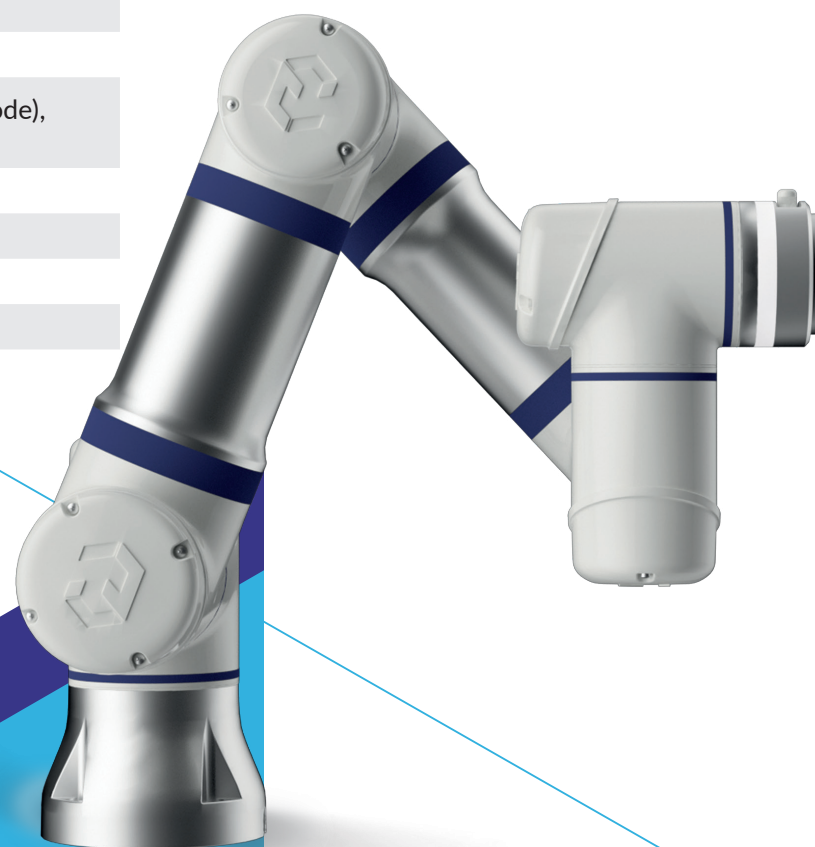
## Robotic Arm

Degrees of freedom	6	
Weight	16.5kg	
Payload	3kg	
Working radius	624mm	
Repeatability	±0.02mm	
Joints range	±360°	
Max joints speed	Joint 1	180°/s
	Joint 2	180°/s
	Joint 3	180°/s
	Joint 4	230°/s
	Joint 5	230°/s
	Joint 6	230°/s
TCP speed *	1.5 m/s	
IP rating	IP54	
Ambient temperature	0-50 °C	
Relative humidity	<90% (No Condensation)	
Power consumption	150w	
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	
Cable length	5.5m	
Power supply	48V	

\* Typical TCP speed

## Controller

Cabinet size (W x H x L)	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 ports (FB1/FB2/FB3)*, 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	5% ~ 95% (No Condensation)
Programming method	Graphic programming, offline programming, Python-script



## 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	5% ~ 95% (No Condensation)

## Contact

Shanghai Elite Robots Co., Ltd.  
Xuelin Road 36  
201210, Shanghai  
China