

TUSKROBOTS

**Robot Product
Specification
C10 series Robot**

Catalogue

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 - 1.1 C10/C10C 3

1 ROBOT PRODUCT

1.1 C10/C10C



Figure 1 C10/C10C Robot

Table 1 C10/C10C Technical Specifications

Item	Specifications	C10	C10C	
Basic parameter	Lifting weight (kg)	1000		
	Size(mm)	1150×820×260		
	Rotation Diameter (mm)	1201		
	Lifting Height (mm)	60		
	Chassis clearance(mm)	25		
	Lifting table size (mm)	1030×770		
	Lifting drive mode	Electric motor		
	Self-weight (kg)	180		
	Telecommunication Modes	Default WIFI version: Support dual-band 2.4G/5G, IEEE802.11b/g/n (-5G version support 5G communication)		
	Navigation Mode	QR code	Laser SLAM + QR code	
Display Screen	Yes			
Basic parameter	Front side protection	250° Laser		
	Back side protection	option		
	Mechanical Protection	360°		
	Emergency stop button	2		
	With photoelectric alarm functions	Yes		
	With voice alarm functions	Yes		
	3D collision detection	option		
Movement Capability	The Speed with Zero Load	2.0 / 1.5		
	Rated Acceleration	1		
	Stop Accuracy	±5mm / ±1°	±10mm / ±1°	
	Ground environment	30mm(clearance)/3°(5%)(slop)/10mm(step)		
Lithium Battery performance	Rated Voltage/Capacity	51.2V / 40AH		
	Battery Life	Full charging times 2000 (70%)		
	Battery Endurance / Charging Time	≥8H / ≤1.5H		
	Battery Type	LFP		
Work environment temperature	0~45			

Figure 2 C10/C10C Robot Size

