TECHNICAL DATA

Fixed articulated arm manipulator

Loading capacity	200 kg	**Working radius**	3000 mm	**Lifting stroke**	200–1700 mm

No.	Section	Structure / part	Specification	Brand	Remark
	Main body	Fixed base	600 × 600	Seamless tube	
		Rotation joint bearing	Tapered Roller Bearings	Bearings	
				Taizhou Zhongwei or Zhong Shank Star	
		Lifting cylinder	Air ϕ200 cylinder diameter	TAC	Service life: 1 million cycles
		Connection part	Level 8.8 screw		
		Brake mechanism	Customizable		
	Air system	Main control valve	Precision pressure regulating valve	SM / IR412 C	
		Main balancing valve			
		Other pneumatic components		Airtac/NewLide	
		Main control system		Airtac/NewLide	
		Gas cutoff protection system		Airtac/NewLide	
		Brake system		Airtac/NewLide	
		Fixture control system		Airtac/NewLide	
	Operation box	Button	TAC-3P+34		
		Brake button	CM3PL06RA	AirTAC	
		Valve		Koganei	