

	Screws and nuts:		
	diameter , length	quantity	Description
	Gearboxes:		
Name in building instructions	Type	quantity	Description
Gearbox 20:1	Nema 17 20:1	2	
Gearbox 10:1	Nema 17 10:1	1	
	Motors:		
Name in building instructions	Type	quantity	Description
Stepper 1	Nema 17 16Ncm	1	
Stepper 2	Nema 17 45Ncm	3	
Stepper 3	Nema 17 65Ncm	2	
	Belts:		
Name in building instructions	Type	quantity	Description
Joint 1 belt	HTD3 396	1	6 mm width
Joint 3 belt	HTD3 342	1	6 mm width
Joint 4 belt	HTD3 201	1	6 mm width
Joint 5 belt	HTD3 246	1	6 mm width
	Pulleys:		
Name in building instructions	Type	quantity	Description
	HTD3M 12 tooth 5mm bore 10mm width	2	
	HTD3M 15 tooth 5mm bore 10mm width	1	
	Mechanical stuff:		
Name in building instructions	Type	quantity	Description
	Shaft coupler	1	8 mm
	Bearings:		
Name in building instructions	Type	quantity	Description
Bearing 1	AXK3552	1	35X52X4
Bearing 2	NSK HR32907J	5	Joint 5, 4 and 3
Bearing 3	NSK HR32906J	4	Joint 1 and 2
	Electronics:		
Name in building instructions	Type	quantity	Description
	PAROL controller	1	
	On/Off button	1	12mm 3-6V
	Noctua NF-A4x20 5V 40mm	1	
	Power connector - male + female	1	GX16 2PIN
	Gripper connector (electric)	1	M8 sensor Female 4 pin
	Power cable	1	
	Power supply	1	
	Limit switches	3	Type ZW12-3
	Inductive sensor 1	1	4mm NPN NO
	Inductive sensor 2	1	GX-F8A
	Inductive sensor 3	1	M5, NPN NO
	Estop	1	19mm
	Pneumatic connector - robot	4	4 mm type PM
	Pneumatic Gripper	1	MHZ2-16D
	Pneumatic gripper connector	2	PC4 - M5
	Pneumatic tube	x meters	1 meter, 4x2.5mm
	Consumables		
Name in building instructions	Type	quantity	Description