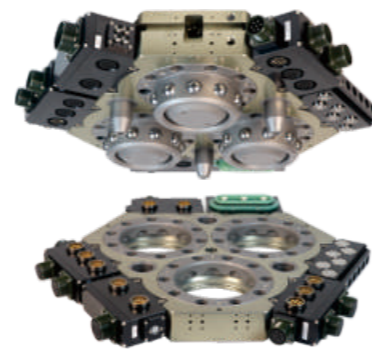


Model: LTC-3000A

- ▶ Recommended payload ≤ 3000kg
- ▶ Locking force: 130200N Allowable static moment: 13600N·m Allowable static torque: 13000N·m
- ▶ 6 available module interfaces
- ▶ Suitable for handling, palletizing, welding, polishing, deburring
- ▶ Air pressure lost self locking function, the master plate and tool plate won't be separated even the air pressure in master plate lost accidentally.
- ▶ Master plate with locking/unlocking sensor and tool-in-position sensor

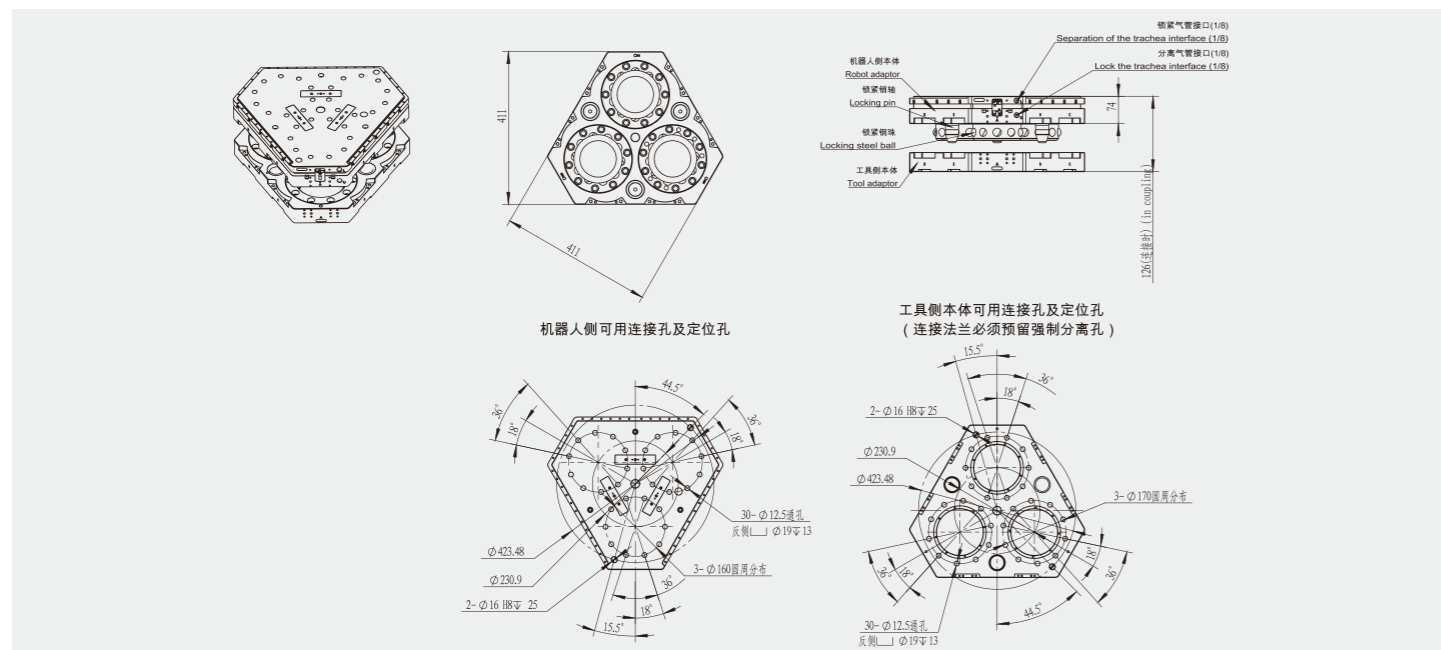


Specifications

Model	Master plate	LTC-3000AM
	Tool plate	LTC-3000AT
Load	Payload capacity	3000kg
	Locking force	130200N
	Allowable static bending moment	13600N·m
	Allowable static torque	13000N·m
Size and precision	Dimension	triangle 411mm
	Combined thickness	126mm
	Position repeatability	±0.03mm
Air pressure for working		0.4~0.7Mpa

Item No.	Master plate item No.	0167
	Tool plate item No.	0267
Material	Main body	Aluminum alloy
	Locking mechanism	Alloy steel
Locking mechanism		Locking steel ball
Work environment	Temperature	0-60°C
	Humidity	0-95%
Weight	Master side	39kg
	Tool side	19kg

Dimensions



Adapter module

Type	Photo	Model	Item No.	Description	Interface No.	
Sensor		PNP	LMO-PS-3000	1586	Locking/Unlocking sensor	A
		NPN	LMO-NS-3000	1587		
信号模块		Mater side	LMO-C21-MS15-AF01-M	0713	5A x 15pins Tool-ID identify	A
		Tool side	LMO-C21-MS15-AF01-T	0714		
		Mater side	LMO-C21-MS22-AF01-M	0717	5A x 22pins Tool-ID identify	A
		Tool side	LMO-C21-MS22-AF01-T	0718		
High Electrical power module		Mater side	LMO-C21-S34-AF01-M	0711	3A x 34pins Tool-ID identify	A
		Tool side	LMO-C21-S34-AF01-T	0712		
Air&fluid module		Mater side	LMO-E03KM	1009	3 core 150A cold-press terminal	B, C
		Tool side	LMO-E03KT	1010		
		Mater side	LMO-E03FM	0385	3 core 150A with high currency connector	B, C
		Tool side	LMO-E03FT	0386		
		Mater side	LMO-E03QM	1088	3 core 400A cold-press terminal	B, C
		Tool side	LMO-E03QT	1089		
Hydraulic module		Mater side	LMO-E01BM	0688	1 core 150A cold-press terminal	B, C
		Tool side	LMO-E01BT	0689		
Servo module		Mater side	LMO-C31-SM03C-M	0886	Single servo module	B, C
		Tool side	LMO-C31-SM03C-T	0887		
Servo spot welding module		Mater side	LMO-C41-SM03C-SM03C-M	0752	Dual servo module	B, C
		Tool side	LMO-C41-SM03C-SM03C-T	0753		
Safety docking components		Mater side	LMO-C33-SM04C-MS14-M	1301	Fanuc Servo module	B, C
		Tool side	LMO-C33-SM04C-MS14-T	1302		

Type	Photo	Model	Item No.	Description	Interface No.	
Servo spot welding module		Mater side	LMO-C33-SM01C-MS10-M	1307	ABB Servo module	B, C
		Tool side	LMO-C33-SM01C-MS10-T	1308		
		Mater side	LMO-C33-SM02C-MS14-M	1303	KUKA Servo module	B, C
		Tool side	LMO-C33-SM02C-MS14-T	1304		
Air&fluid module		Mater side	LMO-C33-SM03C-MS09-M	1305	Yaskawa Servo module	B, C
		Tool side	LMO-C33-SM03C-MS09-T	1306		
Air&fluid module		Mater side	LMO-L04A-04-M	0430	4 x PT1/2 Self-sealing air port or water path	B, C
		Tool side	LMO-L04A-04-T	0434		
		Mater side	LMO-L05A-05-M	0439	5 x PT1/2 Self-sealing air port or water path	B, C
		Tool side	LMO-L05A-05-T	0444		
		Mater side	LMO-GC11AM	1223	11 x 1/4 Open air port	B, C
		Tool side	LMO-GC11AT	1222		
Mater side	LMO-GS06AM	1226	6 x 3/8 Self-sealing air port	B, C		
Tool side	LMO-GS06AT	1227				
Hydraulic module		Mater side	LMO-YL04CM	1264	1-in 1-out 2channels G1/2	B, C
		Tool side	LMO-YL04CT	1265		
Vacuum module		Mater side	LMO-GZK020AM	1238	1channel with size 2inch	A, B, C
		Tool side	LMO-GZK020AT	1239		
Safety docking components		Mater side	LMO-DS01-A	0880	Safety docking components	A