



RR ROBOTICS

Innovations Integrated

PRODUCT CATALOG

industrial robots / Welding Robots / Stacking / Part Transfer

Assembly Line Automation & Development

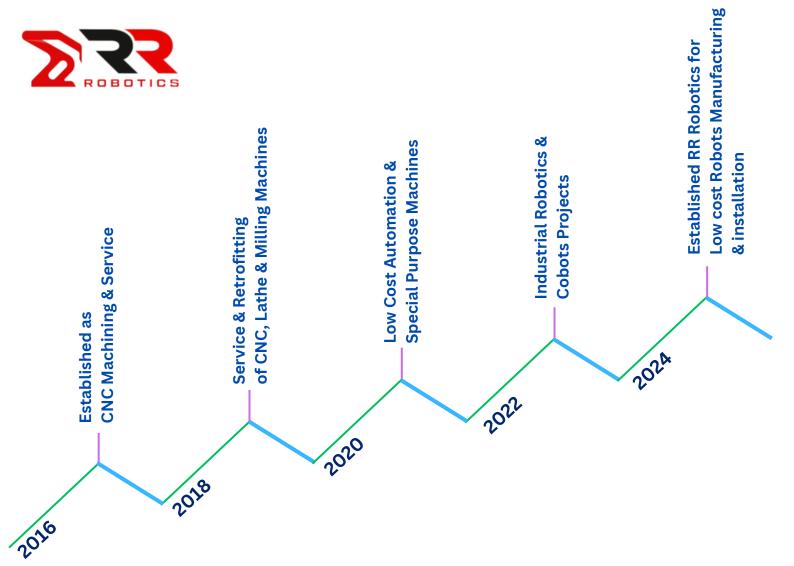
Special Purpose Machines & Controllers

We are the dealers of Industrial Robots suitable for

- Pick & Place
- · Stacking & Pallatizing
- Welding
- Sprey/ Painting
- CNC part change
- · Injection Moulding part unloading







Welcome to RR Robotics

Founded in 2016, we began our journey as a dedicated service provider specializing in CNC machine services under the banner of SLT. Over the years, our expertise and commitment to quality led us to expand into the development of special-purpose machines for various industries.

Recognizing the growing demand for advanced automation, we ventured into robotics in 2020, offering innovative solutions tailored to the specific needs of our clients. Building on this success, we are proud to announce the launch of our new venture, RR Robotics.

we offer:

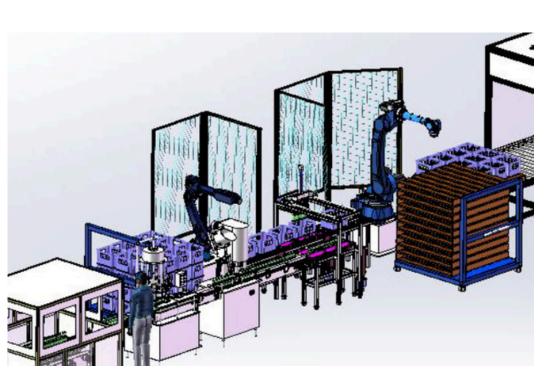
- Advanced Robotics: Our robots are designed to handle a wide range of tasks, from assembly and material handling to inspection and packaging.
- **Customized Solutions**: We understand that every operation is different, so we provide customized solutions to meet your specific requirements.
- **Expert Support:** Our team of engineers and technicians are available to assist with installation, training, and ongoing support, ensuring seamless integration and maximum uptime

Thank you for being part of our journey. We look forward to continuing to serve you with excellence.



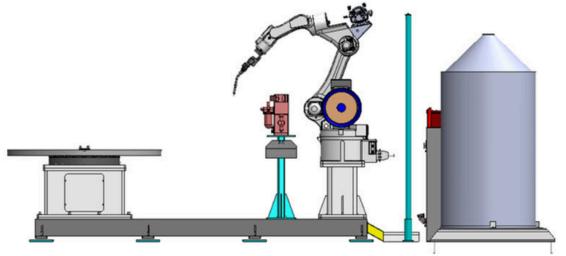
The 6-axis robot can simultaneously operate 3 machines, efficiently handling loading and unloading tasks for CNC machining processes





Pick & Place is a less complex yet tiring for operators . This can be easily 'handles by our Robots 24 x 7 without any fatigue and repetition will be accurate

6 Axis Robots can
do the welding
operations more
precisely with an
impeccable
accuracy
& repeatability





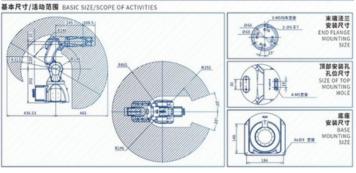


RRBRTIRUS0401A

RRBRTIRUS0401A is designed for the operation environment of micro and small parts. It is suitable for small parts assembly, sorting, detection and other operations. The rated load is I kg, the arm span is 465mm, and it has the highest level of operation speed and a wide range of operation among six-axis robots with the same load. It features high precision, high speed and high flexibility. The protection grade reaches IP54.Dustproof and water-proof. The repeat positioning accuracy is±0.06mm



Main S	pecifica	ation										
			#R/km			FB/mix		SE (ma)	200	■東京公司(1000)	9,222,010	22 to
机型/World	WIII/tem	月 地震-200克	п	13		.55	26	Armlength	Loading shifty	accuracy	Power Source	Weight
1	SESS(mm) Arm Langth	地面-2幅度 floor-2 axis range 2020as		2-316/8 2-3 axis range 220mm		3-5ME 3-5 articonge 245mm	550-REES Sach end range 255.5mm			7///	99	
RTIRUS0401A	SS(r) Range	±160°	-120"/+60"	-60"/+180"	±180°	±100°	±360°	465	1	20.04	1	#921 about 21
	最大連載F/Al Maxapeed	3047/s	2971/s	337'/s	562"/1	600"/s	6007/5					

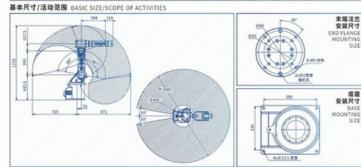


RRBRTIRUS0805A

RRBRTIRUS0805A type robot is a Six-axis robot that developed to make the whole operation system is simple, compact structure, high position accuracy and has good dynamic performance. The load ability is 5kg, especially suitable for injection moulding, taking, stamping, handling, loading and unloading, assembly, etc. It is suitable for injection molding machine range from 30T-250T. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is ±0.05mm.



802/Model	Will/tern		##JAm			#Bl/Inix		SER (me)	2814	MERCHEIMS	Q.HERRONO	BBN
GCR1 money	etal/ten	л	12	J3		.15	К	Amlength	Loading ability	scount.	Power Source	Weight
	SESSIONAL Arm Length	施田-2種用 floor-2 sels-tange 435.5mm		2-35685 2-3 axis range 300mm		3-5 Mill 3-5 axis range 304mm	SAB-株田田 Sack-end-tenge 125mm		100		7/	94
RTIRUS0805A	見器(ir) Range	±170°	-98"/+80"	-80"/+95"	±180°	±130°	2367	540	5	2005	2.8	#153 about \$2
	最大建築irini Hacapeed	237°/s	267/s	3707/s	337"/s	600"/s	5887/s			144	1//	



RRBRTIRUS0707A

RRBRTIRUS0707A type robot is a six-axis robot that developed by BORUNTE for some monotonous, frequent and repetitive longterm operations or operations in dangerous and harsh environments. The maximum arm length is 700mm. The maximum load is 7kg. it's flexible with multiple degrees of freedom. Suitable for polishing, assembling, painting, etc. The protection grade reaches IP65.Dustproof and water-proof. The repeat positioning accuracy is ±0.03mm.



-	4.4		手提/km	100	1-1-1	FRING	1///	SER (mm)	25%	■東京信用賞(mm)	9.22 San	2200
RS/Model	WIII/tom	л	12	.23	.34	.15	36	Arm Length	Loading shifty	Repeated positioning accuracy	Power Source	Weight
7//	SESS(mm) Arm (angth	MIE-2MIE Soor 2 ack range 464.5mm	7/)	2-3888 2-3 axis range 350mm	94	3-516(E) 3-5 axis range 364mm	Signature Stack end range 117mm	1//	7//	7//	1/2	///
ATIRUSO707A	SSS(rr) Range	±174°	-125"/=85"	40"/+175"	±180°	±130°	±360°	700	1	±0.03	13	MSS about 55
	最大連度(F/A) Nax.speed	230.8"/s	2707/s	375'/s	3087/s	300"/s	3427/s		///			
6本尺寸/	活动范围	BASIC SI	ZE/SCO	E OF ACTI	VITIES				- //			
825	M			988	SH S			3			所位 預 SIZE	SEZE SEZE SEZE SEZE SEZE SEZE SEZE SEZE
1					/>	M	03	-		270	_	麻座

RRBRTIRPH1210A

RRBRTIRPH1210A Is a six-axis robot developed for the welding, deburring and grinding application industries .lt is compact in shape, small in size, light in weight, with a maximum load of 10kg and an arm span of 1225mm.lts wrist adopts a hollow structure, which makes the wiring more convenient and the movement more flexible. The first, second and third joints are all equipped with high precision reducers, and the fourth, fifth and sixth joints are all equipped with high-precision gear structures. The highspeed joint speed enables flexible operation. The protection grade reaches IP54.Dust-proof and water-proof. The repeat positioning accuracyis ±0.07mm.



852/most	48/m		手臂(ten			FB(trial		SER (ma)	2810	東京立位用章 (mm)	9,000,000	22 hg
812/mont	₩III/tum	л	.12	л		.75	ж	Arm Langth	Loading ability	Repeated positioning accuracy	Power Source	Weight
///	質数(mm) Arm Length	1-2種水平置 1-2 ants horizontal range 170mm	地區-2協局 floor 2 ask range 488mm	2-3個間 2-3 seturangs 450mm	3-5組水平置 3-5 axis horizontal range 255mm	3-5抽卷直覧 3-5-pm vertical range 566.4mm	5級-確認期 5 axis and range 94.6mm		100	777	4/	
BRTIRPH1211A	RM(rr) Range	±165°	457-70"	±80°	±155°	-130"/+120"	±360°	1225	10	20.07	1	Ph155 about 11
	最大連環(r/N) Max.speed	1647/s	149'/s	185'/s	384"/6	396'/s	4617/s	1	111		94	
	/ 1				8360	m	R127	4xi	SERVITE SERVICE		SIZE MO	SE 安装 位 OF TO OUNTIN HO E 装 BAC BAC BUNTIN SE



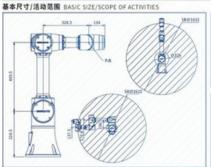
RRBRTIRZX0805A / Cobot

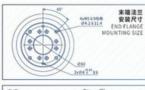
RRBRTIRXZ0805A is a six-axis cooperative robot with drag-teaching function . 8 kg payload and a arm length of 816 mm. It has the functions of collision detection and track reproduction. It is safe and efficient, intelligent and easy to use, flexible and light, economical and reliable, low power consumption and other characteristics, which greatly meet the needs in man-machine cooperation. Its high sensitivity and quick response can be applied to high density flexible production line, to meet the needs of product packaging, injection moulding, loading and unloading, assembly and other operations, The protection



grade reaches IP54.Dust-proof and waterproof, The repeat positioning accuracy is ±0.05mm.

Main Sp	ecificat	tion										
ES/Mont			#Rkm			FR/mix		NE (me)	2814	●実 官保護(no)	422200	2200
\$12/moon	WIII/tem	л	.12	.0	н	.15	.16	Are Lungth	Coading string	accuracy	Fower Source	Meight
5/2	RH(mm) Arm Length	MISS-214/Si Noor-2 axis range 328.5mm		2-358/8 2-3 ans.runge 489.5mm			5 to the second range 11 Annex			1///	1/	
BRTIRKZ0805A	IBSE(IF) Range	±360°	±150°	±150°	±360°	±150°	±360°	806	5	±0.05	2	#535 about 35
B大田1	最大建築)r/vi Macapeed	1187/s	1187/8	178'/s	1787/s	1787/8	178'/5			1		





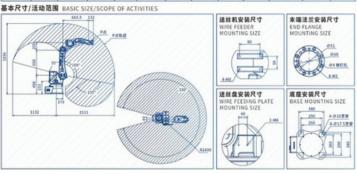


RRBRTIRWD1506A

RRBRTIRWD1506A six-axis industrial robot designed for the development of the welding application industry. The robot has compact structure, small volume and light weight. The maximum load is 6kg, the maximum arm length is 1600mm. The wrist applies hollow structure with more convenient trace and flexible action. The protection grade reaches IP54.Dust-proof and water-proof. The repeat accuracy is ±0.05mm.



RE/mont	WIII/Net		手提/ivo			FB/mor		Statem)	BRN	数数定位格度(mm)	电源容量 0 100	MM No.
erm/energ	WIEL/TORK	л	.12	n		.15	26	Amungh	Loading ability	accuracy	Power Source	Weight
	Ellimet Am Leigth	1-256-9-PIB 3-2 pels horizontal range 170mm	MES-2MAS Spor 2 axis tange 485mm	2-3568 2-3 sels-tange 650mm	3-5種水平置 3-5 axis horizontal range 200mm	3-5 独等意 思 3-5 pers vertical range 425.5mm	Sign MERE Season Congr 132mm		1//			
BRT/RW01506A	BS(rr) Range	±165°	-100"/+70"	±80°	±150°	±110°	2360"	1600	6	20.05		#3166 about 166
8.43	最大速型IF/N Max.speed	1637/6	1497/s	223"/6	1697/5	270'/s	3987/s			199		

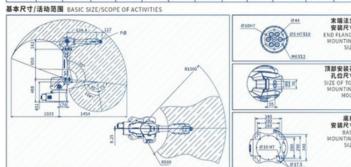


RRBRTIRUS1510A Product Features

RRBRTIRUS1510A is a six-axis robot for complex applications with multiple degrees of freedom. The maximum load is 10kg, the arm length 1500mm.Lightweight arm design, compact and simple mechanical structure, in the state of high speed movement, can be carried out in a small workspace flexible work, meet the needs of flexible production. It has 6 degrees of flexibility. Suitable for painting, welding, moulding, stamping, forging, handling, assembling, etc. It adopts HC control system. It is suitable for injection moulding machine range from 200T-600T. The protection grade reaches IP54.Dust-proof and water-proof. The repeat positioning accuracy is ±0.05mm



MW10-11	Will/term		手提Am	0		手腕/wise		Million)	2610	NECKE (red	9.25 E (10)	Mary
8/2/Model	BIII/tues	л	.12	J3	.34	15	36	Arectangth	Leading strilly	Mounted positioning	Power Source	Military
	SESE(mm) Arm Langth	格器-2幅器 floor-2 acc range Alberts	1	2-3688 2-3 ans range 650mm		3-5888 3-5 am range 634.4mm	580 MEER Sans and range 117mm	2//		7///	1/	
BRTIRUS1516A	問題(F) Range	±165°	-95/+70"	45"/+75"	±180°	±115°	±360°	1500	10	20.05	5.7	P)150 about 10
	最大連載FN Nanapeed	290°/s	1737/8	2237/5	250"/s	2797/5	3367/s		1//		///	



RRBRTIRWD2206A

BRTIRWD2206A six-axis robot developed for welding application industry. The robot iscompact in shape, small in size and light in weight.lts maximum load is 6kg and its arm span is 2200mm. Wrist hollow structure, more convenient line, more flexible action. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is ±0.08mm.



BRTIRW02206A	ZEREPT Range	±155°	-130/+68*	-75/+110*	±153°	-130/+120*	±360°	2200	6	20.08	6.4	85237 shout 237
	最大連環F70 Maxapred	1067/8	13576	1287/6	168"/s	334°/s	5047/s					
基本尺寸/	活动范围	BASIC S	IZE/SCOP	E OF ACT	IVITIES							
		_		1248.5 96.1		東端達兰9 END FLANG EMOUNTIN	G SIZE		8/	概安装尺寸 ASE MOUNTH	VG SIZE	
	C	694.6 730 279		R120		2×04		04.121 04.121 04.121	10	0207.9		22
	GI	313	\$2200 \$2200			送丝机安装 WIRE FEED MOUNTING SIZE	ER		送丝盘变 WIRE FEE MOUNTIN	DING PLATE)_	Å



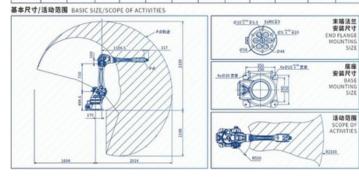


RRBRTIRUS2110A

RRBRTIRUS2110A is a six-axis robot developed for complex applications with multiple degrees of freedom. The maximum arm length is 2100mm, The maximum load is 10kg. It has six degrees of flexibility. Suitable for welding, loading and unloading, assembling etc. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is ± 0.05mm.



Main Sp			FRAn			FRING		William)	256	重要変な概念 (mm)	0.000 mm	2200
RS/Nodel	WIII/tem	п	12	.0	м	.5	36	Are Length	Loading ability	Repeated positioning accuracy	Power Source	Weight
1	間報(net) Articlesgth	神器-2極期 floor-2 anti-range 494.6mm	1//	2-31620 2-3-acts-range 730mm		3-5MM 3-5 arts range 1300.5mm	580-WEER Sank-endrongs 107mm					
BRTIRUS2130A	Ellir) Range	±155°	-90°(140°, 下版可載)/=63°	-75"/+100"	±180°	±115°	±360°	2100	30	±0.05	4	9)230 shout 230
	最大連貫(F)() No.speed	110%	146'/s	134'/s	273"/4	3007/s	3367/s			7//		



RRBRTIRUS1820A

RRBRTIRUS1820A is a six-axis robot developed by BORUNTE for complex applications with multiple degrees of freedom. The maximum load is 20kg,the maximum arm length is1850mm.Lightweight arm design, compact and simple me. chanical structure ,in the state of high speed movement can be carried out in a small workspace flexible work, meet the needs of flexible production. It has six degrees of flexibility. Suitable for loading and unloading, injection machine, die casting, assembling, coating industry, polishing, detection etc. It is suitable for injection moulding machine range from 500T-1300T. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracyis ±0.05mm.



MS/mont	William		手提Am			FR/mix		William)	2000	東京立位用官 (me)	exceono.	## hg
BLS: Model	RESE/VAN	л	.12	n	.34	25	ж	Amilegh	Leading ability	scorncy scorncy	Power Source	Height
	RB(me) Am Leigth	MIE-2ME foor-2 axis range 454.6mm		2-3968E 2-3 axis range 730nm		3-5 latit range 125.5 mm	SNB-REBIE S axis end range 354mm	1/1		1///	1//	
INTIRUS3826A	ESS(IF) Range	±155°	-140"/+65"	-75"/+110"	±180°	±115°	±369°	1850	20	20.05	62	9)230 about 25
	最大連覧IFINI Max.speed	110.27/s	140.57/6	133.97/s	272.7%	240"/s	37576		1//			

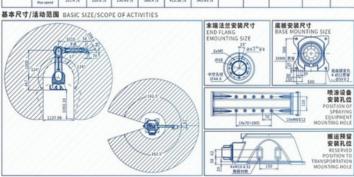
基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES

RRBRTIRSE2013A / Spraying Robot

RRBRTIRSE2013A is a six-axis robot developed for the spraying application industry. It has an ultra-long arm span of 2000mm and a maximum load of 13kg. It has a compact structure, is highly flexible and technologically advanced, it can be applied to a wide range of spraying industry and accessories handling field. The protection grade reaches IP65.Dust-proof and waterproof. The repeat positioning accuracy is



2270	Carrier .	6	FRAM			##(Witc		#Binel	2500	東京立日東 (mm)	0.000 0 mm	-
B/S/Model	Ellipson .	л	12		.34	.5	26	Arm.Length	Loading strilly	Recursely	Power Source	Weight
7/0	SEM(mm) Arm Langth	地面-2個局 foor-2 act-range 向7mm		2-3488 2-3 axis range 1000mm	3-5MR 3-5 arts range 3000mm	5-GMB 5-6 arts range 54 nm	Cite INEED 6 airs and range Torses		1//	1///		
BETTERSE 2013A	XXX (r) Range	±162.5°	±134°	-57"/+237"	±180°	±180°	±360°	2000	13	205	63	385
	最大連環FIN Ranspeed	101.47/6	105.67/s	130.49°/s	368,47/5	415.38"/s	545,45'/6			222		

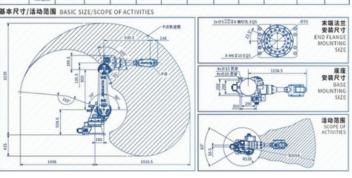


RRBRTIRUS2030A

RRBRTIRUS2030A is a six-axis robot developed by BORUNTE for complex applications with multiple degrees of freedom. The maximum load is 30kg and the maximum arm length is 2058mm. The flexibility of six degrees of freedom can be used to handle the scenes such as injection parts taking, machine loading and unloading, assembly and handling. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is ±0.08mm.



	#Blue		手臂/km			##(wid		HK(mel	2820	RECORD (not)	emma out	Million Wright
R/S/World	M III, Harri	л	12	n	34	.5	ж.	Arm Leigh	Loading ability	sonach paleins longound	Power Source	Weight
1//	間報(mm) Arm Langth	MIN-2005 floor-2 act range 540.6mm	1/4	2-35600 2-3 axis range 800mm	1/0	3-5888 3-5 act range 930.5mm	Sile-WEEE Sails end range Silteren	1//	100	7		
RTIRUS2030A	SS(r) Sarge	±150°	-90")=70"	-55"/+105"	±180°	±115°	±360°	2058	30	20.08	10.16	\$5300 about 300
	最大速度(F)(c) Max.speed	102%	100"/6	123°/s	245"/6	270°/s	337%				7//	



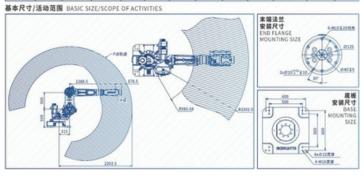


RRBRTIRUS2260A

RRBRTIRBR2260A robot is a six-axis robot developed for bending application. It has a maximum load of 60kg and a arm span of 2200mm. The shape of the robot is compact, and each joint is equipped with a highprecision reducer. The high-speed joint speed can flexibly carry out sheet metal handling and sheet metal bending. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is ± 0.1 mm.



Main Sp	ecifica	tion										
ES/And			##/ico			FR/mic		RH (max)	2600	東京電信報度 (med	电源容量 0100	2200
E/E/Motor	IIII/tem	21	12	.01	.14		76	Amlangh	Leading ability	accuracy	Power Source	mile
11	SEM(mm) Arm Langth	1-2Min-Will 1-2 ams horizontal range XXIvon	格雷-2種間 Sood-2 acts range Sideway	2-3 MEE 2-3 ers range 500mm	1	3-5888 3-5 anti-range 1388-5mm	5個·建築局 5 ans end range 178.5mm	60		7///	1//	
BATIMBAZZGOA	SSS(rr) turge	±160°	-110"/×50"	40"/+195"	±180°	±125°	±360°	2200	60	±0.1	18.5	89750 80448 750
	最大連載FN Hatapeed	1187/s	84"/5	1087/6	2047/6	170"/s	1747/5			1		

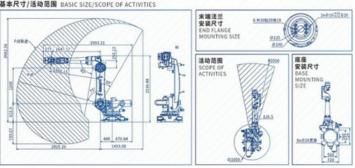


RRBRTIRUS3511A

RRBRTIRUS3511A robot is a six-axis robot that developed for some monotonous, frequent and repetitive long-term operations or operations in dangerous and harsh environments. The maximum arm length is 3500mm. The maximum load is 100kg.It's flexible with multiple degrees of freedom. Suitable for loading and unloading, handling, stacking etc. The protection grade reaches IP40 . The repeat positioning accuracy is ±0.2mm.



-	Will/ren		手提Am			FR/war		SER(ma)	2810	BERGREIM	9.822.000	2200
数型/Model	SELECTION .	л	.12	л	м	.15	34	Amlengh	Leading ability	accuracy	Power Source	Meght
11/2	RB(mm) Arm Length	14		2-3 MER 2-3 arts range 1200 mm	3-4MIE 3-6 aris range 256.12mm	3-5 MR 3-5 arts-range 3641 J Team	540-WEER Same and range 277-was	1/0	1	7///	10/	
ENTIRUS3531A	25/8(r') Range	±160°	-75")+30"	-80"/+85"	±190°	±95°	±363°	3500	100	202	26	P)1187.5 showt 1187.5
	最大運動Print Maxapeed	85"/6	79"/5	707/s	827/6	997/s	124°/s			1		199

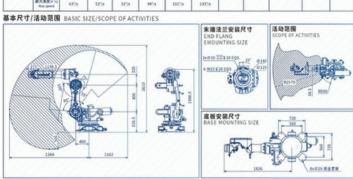


RRBRTIRUS2520B

RRBRTIRUS2520B robot is a six-axis robot that developed for some monotonous, frequent and repetitive long-term operations or operations in dangerous and harsh environments. The maximum arm length is 2570mm.The maximum load is 200kg.lt's flexible with multiple degrees of freedom. Suitable for loading and unloading, handling, stacking etc. The protection grade reaches IP40. The repeat positioning accuracy is ± 0.2mm.



			₹#(Am			#B(Wrist		SER (ma)	250	東京党(株式(400)	東京書か い	22 to
852/World	HII/ten	л	12	13	Ж	.6	36	Arm Length	Loading strilly	scoracy scoracy	Power Source	Weight
1/2	質数(mm) Arm Langth		1//	2-346RE 2-8 pain range 800mm	3-4MR 34-pris range 300mm	3-5468 3-5 arts range 1146-5mm	5個·確認期 5 axis end range 273 eus		100			
BRTIRUS25208	SB(r) targe	±160°	-857+35*	-80"/+105"	2180"	295"	2360"	2570	200	±0.2	28.7	#91106 about \$10
	個大連度F760 Han.speed	63%	527/s	527/s	947/s	100%	1337/8			144		



RRBRTIRUS3050B

RRBRTIRUS3050B robot is a six-axis robot developed for handling, stacking, loading and unloading and other applications. It has a maximum load of 500kg and a arm span of 3050mm. The shape of the robot is compact, and each joint is equipped with a highprecision reducer. The high-speed joint speed can work flexibly. The protection grade reaches IP54 at the wrist and IP40 at the body. The repeat positioning accuracy is

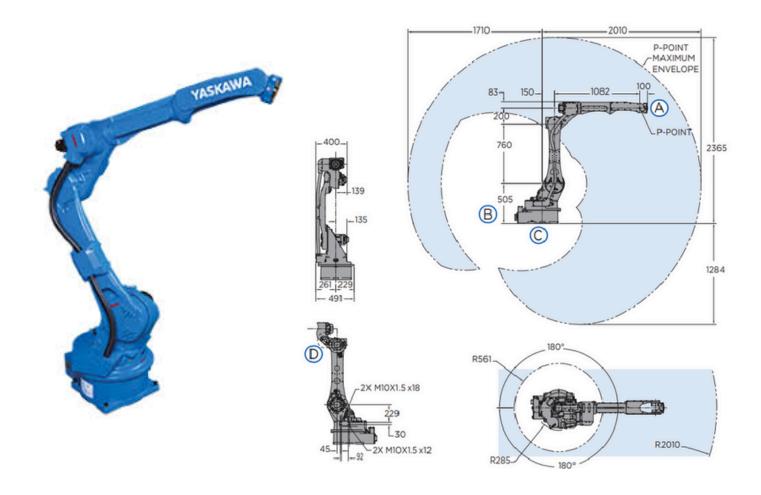


	200	Section 1	手臂/km			FR/min		SER (ma)	2500	養養電信機器 (mm)	QEERON	8810
机型/World	IIII/turn	213	.12	.n	.34	.5	16	Amtangh	Loading ability	Recovery account	Power Source	Telepo
100	SEM(mm) Arm Langth	MEB-29880 flood-2 artis range 905.5mm	///	2-3 968 2-3 ans range 2300mm		3-5MIB 3-5 am range 1357mm	548-WEER Sains and range 605mm			1///	1//	
BRTIRUS30508	2536(xr) Range	±160°	±55°	-55')+18"	±360°	±110°	±360°	3050	500	205	80	#53200 about 3200
	最大連載ドル Hatapeed	65.57/8	51.47/8	51.4"/s	99.9°/s	104.77/6	161.27/s					
				2000		a and a second	END F EMOU 12-M 910 3-MEE-6 914:	NTING SI 12-01/024 17/025 17/025 17/025 17/025	0157 P 0110 010	CD BASE	ISMBH 0	



MOTOMAN GP 25-12





SPECIFICATIONS

Axes	Maximum motion range	Maximum speed	Allowable moment	Allowable moment of inertia
	degrees	°/sec	N•m	kg•m²
S	±180	210	-	-
L	+155/-105	210	-	-
U	+160/-86	220	21-1	-
R	±200	435	22	0.65
В	±150	435	22	0.65
Т	±455	700	9.8	0.17

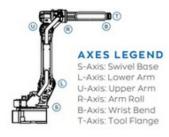
Specifications for GP25-12 with XP package may be different. Mounting Options: Floor, Wall, Tilt or Celling

Item	Unit	GP25-12
Controlled axes		6
Maximum payload	kg	12
Repeatability	mm	0.03
Horizontal reach	mm	2,010
Vertical reach	mm	3,649
Weight	kg	260
Internal user I/O cable		17 conductors w/ ground
Internal user air line		(1) 3/8" connection
Power requirements		380-480 VAC
Power rating	kVA	2.0

OPTIONS

- · Robot risers and base plates
- · Extended length manipulator cables
- · Wide variety of fieldbus cards
- External axes

- PLC integration via MLX300 software option*
- Functional Safety Unit (FSU)
- MotoSight™ 2D and 3D vision



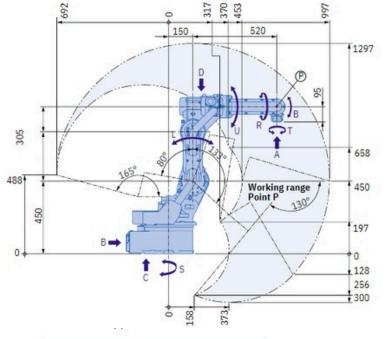
^{*} The MLX300 software option is not available for use with arc or spot welding applications. MLX300 fieldbus cards, I/O cards and vision equipment must be purchased separately from the supplier. All peripherals are programmed using a PLC.

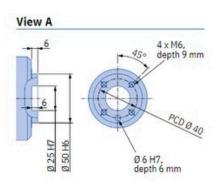


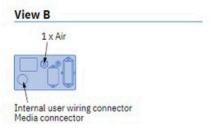
ROBOTICS

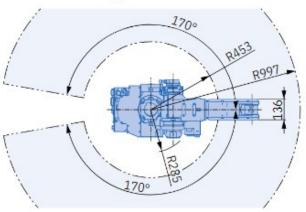
MOTOMAN MH6S, MH6S-10





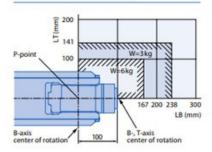




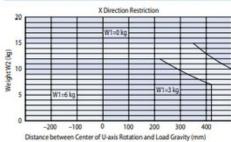




Allowable wrist load



Allowable load on U-axis



Specific	cations MH6S,	MH6S-	10						
Axes	Maximum motion range [°]	sp	eed (sec.] MH6S-10	mo	wable ment lm] MH6S-10	moment [kg	wable t of inertia · m²] MH6S-10	Controlled axes Max. payload [kg] MH6S MH6S-10	6 6 10
S	±170	220	200	_	_	_	_	Repeat.pos.accuracy [mm]	±0.08
L	+133/-80	220	200	_	_	_	_	Max. working range [mm]	R = 997
U	+165/-130	220	200	_	_	_	_	Temperature [°C]	0 to +45
R	±180	410	270	11.8	12.2	0.27	0.24	Humidity [%]	20 - 80
В	+225/-45	410	270	9.8	14.2	0.27	0.21	Weight [kg]	120
Т	±360	610	400	5.9	7.3	0.06	0.06	Power supply, average [KVA]	1.5



BRTIRSC0603A

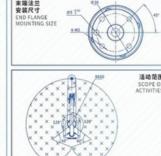
RRBRTIRSC0603A robot is a four-axis robot that for some monotonous, frequent and repetitive long-term operations. The maximum arm length is 600mm, The maximum load is 3kg.lt's flexible with multiple degrees of freedom. Suitable for printing and packaging, metal processing, textile home furnishing, electronic equipment, and other fields. The protection grade reaches IP40. The repeat positioning accuracy is±0.02mm.



Main Sp	ecificatior	ı								
www.			FRim	4	##I/wax	RH(mm)	2500	東京公司(B (med)	9.22 gano	RE NO
E.E./mod	IIII/tem	л	.12	.13	м	Amleigh	Loading ability	Repeated positioning	Power Source	Meight
	SSR(r) Sange	±128°	±145°	150mm	±360°	600		2002	1.54	man
BRTIRSCOGGSA	数大規模(IF/IG) Man.Speed	460°/s	576'/s	900mm/s	6967/s	-000	,	2402	1.54	about 26

基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES





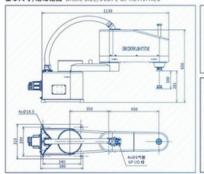
BRTIRSC0810A

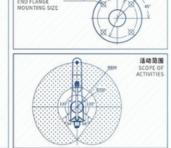
BRTIRSC0810A robot is a four-axis robot that developed by BORUNTE for some monotonous, frequent and repetitive long-term operations. The maximum arm length is 800mm. The maximum load is 10kg.It's flexible with multiple degrees of freedom, Suitable for printing and packaging, metal processing, textile homefurnishing, electronic equipment, and other fields. The protection grade reaches IP40. The repeat positioning accuracy is± 0.05mm.



Main S	pecificatio	on								
E.S. Mood	7		#ff/km		FR/mix	RRised	250	東京公司皇(ma)	9,312,000	RE no
\$120 moon	₩II/tem	л	,12	.13	14	Am Leigh	Leading shifty	secrets.	Power Source	Weight
	23(r) fange	±130"	±140°	180mm	±360°			1	4.1	1973
BRTHRSCORGOA	最大連度(IF/A) Max.Speed	300°/s	473.51/s	1134mm/s	18757/8	800	10	20.05	*1	about 13

基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES





RRBRTIRPL1003A

RRBRTIRPL1003A robot is a four-axis robot that developed by BORUNTE for assembly, sorting and other application scenarios of light, small and scattered materials. The maximum arm length is1000 mm and the maximum load is 3kg. The protection grade reaches IP40. The repeat positioning accuracy is ±0.1mm.



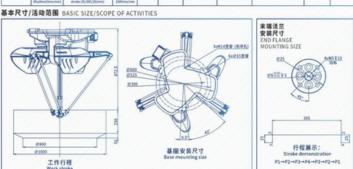
RRBRTIRPL1608A

RRBRTIRPL1608A robot is a four-axis robot that developed by BORUNTE for assembly, sorting and other application scenarios of light, small and scattered materials, The maximum arm length is1600mm and the maximum load is 8kg. The protection grade reaches IP40. The repeat positioning accuracy

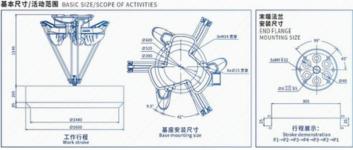




	Mair	n Speci	ficatio	n							
8.2/www	#8/ten	2.000	Restor Arm	RECO	Nik (med	nune-	CHERICAR (mm)	角度重复定位模度 (ir)	允许负载最大转动恢复 (4xm)	ezez (co)	REND Vege
7//		上班/vpper	YE/ren	34	Arm Langus	training Assemp	positioning accuracy	positioning accuracy	moment of inertia of load	Power Seurce	margin
7/7	RH(me) Am Leigth	交叉数- Nounting surf	行程区地距离 books to stroke dis	72.5mm tance 872.5mm	/	70	7//	1/11	1//////	7/	
BRTIRFL1003A	SSN(F) Range	46.7"	86.6"	±360°	1000	3	±0.1	±0.5	0.00	3.3	f)304 about394
111	SM(R/min)	698:25/3 entratio	05/25(mm) 05/25(mm)	1503(min 1503(min	1		1///	17/7			



	Mai	n S	peci	ficat	ion								
	//		主动媒/4	laster Arm	T	米理/(wi	MM (res)	200	CHERRONS	ARESERRE	允许负担最大符号恢复 (94.00)	电源电影 0110	2200
E.E./Wood	III/ten	28	Disper	YE/m	-	34		Leading Ability	location repeated positioning accuracy	Angle repeated positioning accuracy	Maximum allowable moment of inertia of load	Power Source	Weight
177	質報(mm) Arm Langth	Mes		り程区 地名 ion to strok			11	///	7//	177			
	RSS(rr) Range		42"	97"		±360°						16	
BATHRPL1606A	可能所要決議会 Cyclic leading (kg	0	Okg	Ng	Skg	Ikg	1600		±01	±0.5	0.01	6.4	8993 about 10
	\$186(30)min) (F) 66:25(305(25) Bhyther(time)mi (atrohe 25:305:250	NO.	150	150	130	115						1	





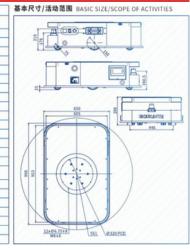
AGV Automated Guided Vehicle

RRBRTAGV12010A

RRBRTAGV12010A is a lurking jack-up transport robot using laser SLAM with QR code navigation, with a load of 100kg. Laser SLAM and QR code navigation can be switched freely to meet multiple scenes and different accuracy requirements In complex scenes with many shelves, the QR code is used for precise positioning, drilling into the shelves for jacking and handling. Laser SLAM navigation is used in fixed scenes, which is not limited by the ground OR code and can operate freely.



基本参数/Basi	c parameters				
导航方式/Navigation mode	進光SLAM+二维码导航 Laser SLAM & QR navigation				
驱动方式/Driven mode	双轮差速/Two wheel differential				
长*宽*高/L*W*H	998mm*650mm*288mm				
旋转半径/Turning radius	551mm				
重量/Weight	\$9125kg/About 125kg				
额定负载/Rated loading	100kg				
高地间隙/Ground clearance	25mm				
顶升板尺寸/Jacking plate size	R=200mm				
最大顶升高度/Maximum jacking height	80mm				
性能参数/Perform	ance parameters				
通过性/Trafficability	≤3%坡度/≤3% Slope				
重复定位精度/Kinematic accuracy	±10mm				
遊航速度/Cruise Speed	1m/s (≤1.5m/s)				
电池参数/Batte	ry parameters				
电池容量/Battery capacity	24Ah				
综合续航/Continuous running time	8H				
完电方式/Charging method	手动、自动、快换 Manual, Auto, Quick replace				
具体配置/Specif	ic equipments				
激光雷达/Laserradar	1				
二维码读码器/QR code reader	1				
急停按钮/Emergency stop button	1				
扬声器/Speaker	1				
無用灯/Atmosphere lamp	1				
防撞条/Anti-collision strip	1				



RRBRTAGV21050A

RRBRTAGV21050A is a composite mobile robot platform using laser SLAM navigation, with a load of 500 kg. It can be matched with a low-pressure cooperative robot arm to realize the function of grasping or placing materials, and is suitable for multi site material transmission and grasping. The top of the platform can be equipped with transmission modules of various shapes such as rollers, belts, chains, etc., to realize the material transfer between multiple production lines, further improve the automation of production pro.cesses, and improve production efficiency.



基本参数/Basi	c parameters	基本尺寸/活动范围 B/	ASIC SIZE/SCOPE
导航方式/Navigation mode	激光SLAM/Laser SLAM	705±2.00	
驱动方式/Driven mode	双桁轮/Two steering wheel	1 10	
长x宽x高/L*W*H	1140mm*705mm*372mm	72.0	F 700
旋转半径/Turning radius	645mm	3 1	322
重量/Weight	#9150kg/About 150kg		
额定负载/Rated loading	500kg	50 238	
离地间隙/Ground clearance	17.4mm	1	1140±2.0
顶板尺寸/Top plate size	1100mm*666mm		///////////////////////////////////////
性能参数/Perform	nance parameters	1 9	
通过性/Trafficability	≤5%坡度/≤5% slope	0/1	000 XX
重复定位精度/Kinematic accuracy	±10mm	180	0
巡航速度/Cruise Speed	1m/s (≤1.5m/s)		被助稅中心憲
电池参数/Batte	ry parameters		k
电池容量/Battery capacity	32Ah		安装孔 M8
常合候航/Continuous running time	8H	460	3.
竞电方式/Charging method	手动、自动、快换 Manual、Auto、Quick replace	370	
具体配置/Speci	fic equipments		. \87
激光雷达/Laser radar	1	420 420	· · · · · · · · · · · · · · · · · · ·
二维码读码器/QR code reader	X		1 1 1
急停按钮/Emergency stop button	1		
扬声器/Speaker	1	4.	<u> </u>
氛围灯/Atmosphere lamp	1		
防搜条/Anti-collision strip	1		-



> Five Axis Servo Manipulator

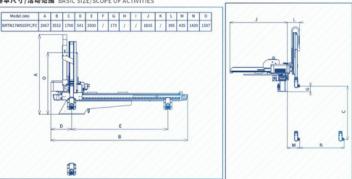
RRBRTN17WSS5PC

RRBRTN17WSS5PC/FC series applies to various types of 600T-1300T plastic injection moulding machines, five-axis AC servo drive, with AC servo axis on the wrist, it can locate and adjust the angle of the fixture freely, high accuracy, low failure rate, and simple maintenance. It is mainly used for quick injection or complex angle injection, automotive products, washing machines, and household appliances, long-distance communication, good expansion performance, high accuracy of repeated positioning, simple equipment maintenance, and low failure rate.



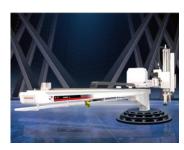
Main Specification												
机型/Model	电源容量(x/n) Power Source	透用成型机(Ton) Recommended LM.M	据检方式 Traverser Driven	油用形式 Model of EGAT	概約9月曜 (mm) Traverse Stroke	SI推行程(med) Crosswise Stroke	上下行程(mm) Vertical Stroke	最大符號(kg) Max.Leading	取法門開(sec) Dry Take Out Time	全種环时间(sec) Dry Cycle Time	空性消耗量 (Micycle) Air Consumption	Mill Out
BRTN17WSSSPC/FC	42	600T-1300T	AC何程马达 AC Serve motor	四級高度 Four suctions Two factures	2500	1420	1700	20	5.21	15.54	15	790

基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES

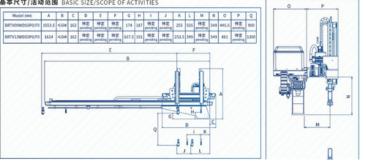


RRBRTV09WDS5P0 / RRBRTV13WDS5P0

RRBRTVO9WDS5P0F0,BRTV13WDSSP0/F0 series applies to all types of horizontal injection machine ranges of 120T- 700T for take out products and sprue. it has a double arm. The vertical arm is a telescopic stage and the vertical stroke is 900mm/1300mm. Five-axis AC servo drive, reduce the defective rate, fewer signal lines, long-distance communication, good expansion performance, high accuracy of repeated positioning, can simultaneously control multiple axes, simple equipment maintenance, and low failure rate.



机型/Model	电源容量 Sont Power Source	透現建型机 (Ton) Recommended LMM	概构方式 Traverser Driven	治典形式 Wodel of EOAT	株円行程(mm) Traverse Stroke	引銀行程(mm) Crosswise Stroke	上下行程(mm) Vertical Stroke	最大問題(kg) Max.Loading	取性時間 (sec) Dry Take Out Time	全機研門用(sec) Dry Cycle Time	空气活耗量 (Njkyski) Air Consumption	重量(kg) Meight
BRTV09WDSSP0/F0	3.5	1207-3207	AC何服马达 AC Serve motor	再發再的 Twe suctions Twe fatures	模行訊总长6米证内 Traverse total arch length: 6 meter	特定 pending	900	5	1.7	特定 undetermined	9	0 65 B nonstandar
BRTV13WDS5P0/F0	3.5	3207-7007	AC何服马达 AC Serve motor	用设用的 Twe sections Twe fatures	横行其名长6米以内 Traverse total arch length: 6 meter	特定 pending	1300		2.3	特定 undetermined	9	SISIR nonstandar







RRBRTP06ISSOPC / RRBRTP08WSSOPC

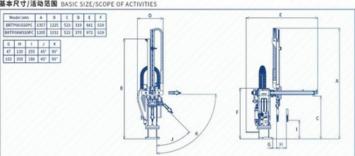
RRBRTP06ISS0PC/BRTP08WSS0PC series applies to all types of horizontal injection machines of 30T-250T for take-out products. The up and down arm is a single/double sectional type. The up and down action, drawing part, screwing out, and screwing in of them is driven by air pressure, with high speed and high efficiency. After installing this robot, productivity will be increased by 10-3096 and will reduce the defective rate of products, ensure the safety of operators, reduce manpower and accurately control the output to reduce waste



Main Sp	ecificat	tion											
8.9/worl	电源容量(vn) Frant Source	送用注意积(find) Recommended LHSH	据设方式 Traverser Driven	BARK Model of COAT	#1919#Ellowed Traverse Strake	SIBITE (mm) Crosselle Strake	上下行程 (mm) Terrical Strake	最大問題 Out Max.Loading	取当所用 (sec) Dry Take Out Time	全機用的用(sed Bry Cycle Tiese	HERR Depositions Angle	空气排料量 Ottoycki Air Consumption	M M Naph Menghal
BRTPOGISSOPC	0.06	30T-150T	TEE Eq.	事後事務 Zero taxtions Zero fatures	- 1	120	650	2	1.6	5.5	30-90	3	м
BRTPORWSSOAC	0.06	1507-2507	*(EEE)	事後事務 Zero suctions Zero Setures	1	300	850	2	2	6	30-90	3	60

上述取物的词,循环的词为推取内部测试标准测试结果,在机器实际应用过程中会图实际使用行程,负载,调试中数不同器有所变化。 The above-mentioned cycle time are the results of our company's internal test standard, le the actual application process of th

基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES



RRBRTB06WDSIP0 / RRBRTB08WDSIP0

BRTB06WDSIPO traversing robot arm applies to all types of horizontal injection machine ranges of 30T-380T for take out products and sprue. The traverse axis is driven by an Ac servo motor. Accurate positioning, fast speed, long life, and low failure rate. the manipulator can reduce the defective rate of products, ,reduce manpower and accurately control the output to reduce waste. Single-axis drive control integrated control system: fewer signal lines, long-distance communication, good expansion performance,, high accuracy of repeated positioning, simple equipment maintenance, and less failure rate.



ES/Noted	电波容量 (co) Power Source	出用注意的/York Recommended ENLM		BARK NOTH NOW	MISTING Overall Traverse Stroke	41001140 (mm) Grosswice Stroke	上下行程 (men) Vertical Stroke	最大現在(kg) Max.Landing	数式行用(bed) Dry Take Out Time	全種符件同(sed Ony Cycle Time	空气溶料量 (M/kycle) Air Consumption	MH be mage
RTBOOWSSIPS/FO	0.55	307-1207	AC問題马达 AC Serve mutor	—B—B One suctions One features	1100	P:200 R:125	600	3	1.6	5.8	3.5	175
RTB08W051P0/F0	0.55	120T-250T	AC和服马达 AC Serve motor	一覧一覧 One suctions One faitures	1250	P:300 R:125	800	3	1.7	6.49	3.5	198
RTB10W051P0/F0	0.95	250T-380T	AC規能与法 AC Service Protection	一覧一覧 One suctions One flatures	1600	P:300 R:125	1000	3	1.92	8.16	42	221
G H I 565 210 130 365 210 135 365 206 135	475 520	1000 242 3 1290 225 5	V 0 65 933 20 1033 30 1133 A	· Branch			1 7	4	-	7		9

Three / Four Axis Servo Manipulator

RRBRTNG09WSS3P / RRBRTNG11WSS3P

RRBRTNGO9WSS3PF,RRBRTNGIIWSS3P/F series apply to all types of horizontal injection machine ranges of 160T-480T for take out products. Three-axis AC servo drive saves time than similar models, accurate positioning, and short forming cycle. It can reduce the defective rate of products, reduce manpower Three-axis driver and controller integrated system: fewer signal lines, long-distance communication, good expansion performance, high accuracy of repeated positioning, simple equipment maintenance, and low failure rate.



RRBRTNN11WSS3P / RRBRTTNN15WSS4P

RRBRTNNIIWSS3PF,RRBRTNN15WSS4P/F series applies to all types of horizontal injection machine ranges of 250T- 800T for take-out products. , accurate positioning, and short forming cycle. It can reduce the defective rate of products, reduce manpower and accurately control the output to reduce waste. Three/four axis driver and controller integrated system longfewer signal lines. distance communication, good expansion performance, strong anti-interference ability, high accuracy of repeated positioning, simple maintenance, and low failure rate.



Main Specificati	on										
ES/Madel 4.888 tons	BRICER/Own Incommented UKW	BIRTH.	BANK Model of COST	METATOR Invol. Traverse Strake	包護行程 (med Crossate Stroke	上下門間(mm) vertical Stroke	最大可能 Naj Was joeding	BIRDHINI (sec) By Take Out. Time	S-BHPRODICE By Cycle Sine	STANS Nicycle Nicycles	Mill half
RTNGOWSS3P/F 3.2	1007-3007	ACRESIA ACtions mater	ARAM No sellors Sections	1500	600	950	2	0,68	4.07	32	300
RTNGEEWSSIP/F 3.2	2507-4607	ACRESIS ACTorno metar	RAME No suctions Two Secure	1700	700	1150	2	0.68	4.07	3.2	330
本尺寸/活物英間 Model and	8 C D	E F	6 N	3 K 7 2	4 M N 94-5 227-5 400 940 247 700		0 0			9	

is driven by AC Serve Motor(Traverse axis, C axis, vertical axis: Crottmise axis 间,循环时间为胜初内部测试标准测试结果,在机器实际应用过程中会测实局使用 基本尺寸/活动范围 BASIC SIZE/SCOPE OF ACTIVITIES

Other Electronic devices available for Sales & Services







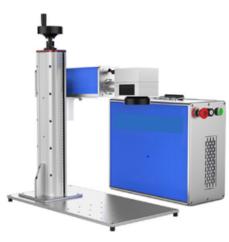
Heavy Duty Laser Engraving

Pulsed Fibre Laser
20W - 100W
<10nm
10KHz - 200KHz
220V / 10A
300 Charecters / sec
600mm x 600mm



Compact Laser Engraving

6
Pulsed Fibre Laser
20W
<10nm
30KHz - 60KHz
220V
600W
110mm x 110mm



Compact Laser Engraving

Source	Pulsed Fibre Laser
Standard Output power	20W - 50W
Emission Band width	<10nm
Pulse Repetition Rate KHz	20KHz - 80KHz
Output Voltage	220V
Max Power Conception	600W
Dimension	800 x 700 x320 mm

HMI DISPLAYS



STEPPER MOTORS & DRIVES



PLC CONTROLLERS SALES & SERVICE(OMRON, DELTA, MITSUBISHI)





MITSUBISHI ELECTRIC

SAFETY CURTAIN SENSORS



PCB DRIVE SERVICE (Siemens, FANUC)









CNC Part Loading



Automated MIG welding



Pallatizing



Punching Machine



Part Unloading from Injection Moulding



Work Stations



Assembly Machines



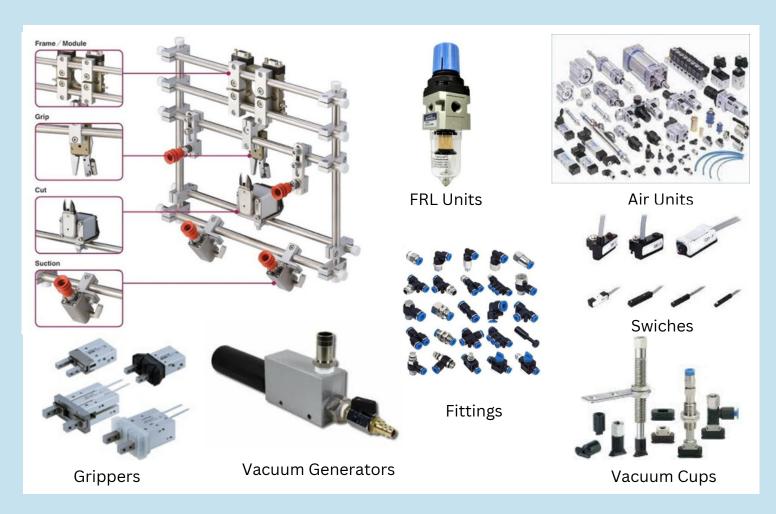
Testing Machines





EOAT & ACCESSORIES

Fixture for Industrial Robot



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