



宁波顺兴机械制造有限公司
宝兴（宁波）机械科技有限公司

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Shunxing Machinery
From China Belong To The World

合模机
系列

宁波顺兴机械制造有限公司
宝兴（宁波）机械科技有限公司

宁波顺兴机械制造有限公司坐落于中国压铸模集聚地—宁波市北仑模具园区。公司于 2004 年成立，一直致力于合模机的研发与制造。该设备适用于各类模具（塑料注射模、冲压模、压铸模、玻璃模、橡胶模、冶金模等）制造过程中的研磨及试模后的修复工作，是模具制造行业不可缺少的理想专用设备。除此以外，还可用于汽车、五金、家电等行业大面积薄板的冷压成型。

通过不断努力，至今我公司已经成为国内同行业制造规模最大、市场占有率最高的合模机制造商，并且得到国内外客户的一致好评及赞赏！

Ningbo Shunxing Machine Manufacturing CO,LTD, in mould district,Beilun,Ningbo city,where is the die-casting mould production base .The company was founded in 2004 and devoted continuously in mould machine research,development and manufacture .This machine is suitable for most kinds of mould. (plastic injection mold, flushes die, pressure mold, glass mold, oak jelly mold, metallurgy mold and so on) in the process of grind and the repair of the mould testing . So this machine is the mould manufacture profession essential and ideal special purpose equipment . Besides , it also useful for big area thin steel plate cold-press formations in different industries . such as auto mobile, household appliance , hardware and so on.

Our company have already become the domestic leader in the industry ,which means the largest production scale and the highest market share . And our company obtained the consistent high praise and appreciation from domestic and foreign customers



CE,ISO9001,ISO14001, 国家高新技术企业

CE , ISO9001 , ISO14001, National high-tech enterprises

公司坚持卓越的品质、优质的服务，竭诚欢迎新老客户光临。

excellent service,honesty and trustworthiness are our consistent factors for the development.



2004

公司成立
开始生产龙门式合模机

The company was established and began to produce gantry type clamping machine

2005

成功研发制造高精度
导柱式合模机(国内首家)

Successful R & D manufacturing High-Precision guide pillar type clamping machine(domestic first)

2007

导柱式合模机
受到国内外客户的青睐
开始大批量走向市场

Guide pillar type clamping machine started selling into the market and favored by domestic and foreign customers

2008

成功研发快速换模系统并批量投入市场

Successful R & D Quick Die Change System and batch input market

2010

成功推出伺服节能型合模机(同行业首家)

Successful R & D manufacturing High-Precision guide pillar type clamping machine with servo device (Hhe first one in the save industry)

2012

成功研发制造双色、三色合模机(国内首家)

Successful R & D and manufacturing of two color, three color mould clamping (domestic first)

2013

成功研发制造两板式合模机(国内首家)

Successful R & D and manufacture of two plate mould clamping (domestic first)

2014

投资兴建超过 25000 平方新厂房并投入生产,成为同行业规模最大、市场占有率最高的制造商

build and use the new factory,which is more than 25000 square meter, Become the largest manufacturer with the largest market share in the same industry





生产车间

The production workshop



“为客户提供最优质的产品，创造最佳解决的方案”一直是引领顺兴机械团队成长的共同愿景。我们一直坚持只生产高品质的产品，不断开拓创新，努力为客户带来更多效益！

“provide customers with the best quality products and create the best solution” Which is the Shunxing's common creed. We has always insisted that only produce high quality products and constantly blaze new trails, to bring more benefit for the customer! tcustomer!



采用了世界先进的三维有限元分析等设计开发软件极大缩短了产品开发周期，提升了产品档次。并依靠精良的加工设备和先进的管理，使整个生产过程严格控制在 ISO9001 质量体系。

Adopting the world advanced 3 d finite element analysis to design and develop software greatly shortened product development cycle, improve the product class. And to rely on sophisticated processing equipment and advanced management, make the whole production process strictly in the ISO9001 quality system



设备的先进性及优点:

高标准的配置确保机器的优异性能，机械加工主关零件全部采用进口加工中心加工，确保机械零件的加工精度，下模板移出轨道采用强化处理耐磨轨道，大范围的防尘装置；液压系统采用高性能的进口液压件优化组合，油泵为世界级品牌 DENISON 的油泵，液压阀采用美国威格士和台湾品牌，密封件采用日本 NOK 品牌，，控制部份采用专用合模机电脑控制系统。

- 导柱结构加弹性模板的设计使机器高压合模时精度更高，模板平行度调整更方便。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 四个合模油缸，使之高压合模时受力均匀，变形系数小。
- 具有机械保险安全保护装置，让您的模具和机器更安全。
- 整机活动处均安装石墨铜套导向，无油自润滑，让机器更干净更环保。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 下工作台配备高精度定位装置、升降装置。
- 动模座移动位置采用 MTS 数字尺检测，位置更加准确。

Sophistication and merits of equipment:High-level configuration can ensure excellent performance of the equipment. All the main components for mechanical processing are manufactured by imported machining center, to ensure machining precision of press elements. Shift-out rail of lower mould plate adopts wear resistant rail with intensified treatment and large-scale dust-proof device, Hydraulic system adopts optimal combination of imported high performance hydraulic elements, and DENISON oil pump, which is a world top brand, also, hydraulic valves of Japanese or Taiwanese brand have been used in this equipment. And special purpose computer control system for mould spotting press together with large-screen colored LCD has been used in control unit, so it is convenient to handle.

机型项目 Items Model	SX68JM-YC	SX100JM-YC	SX160JM-YC	SX200JM-YC	SX300JM-YC	SX350JM-YC	SX400JM-YC	SX500JM-YC	SX600JM-YC
加压能力 pressure capacity	t 68	100	160	200	300	350	400	500	600
开模能力 Open capacity	t 22	25	38	45	56	70	80	120	150
翻转能力 Overturn capacity	t 2.5	4	8	10	18	25	25	30	35
顶出能力 Ejecting capacity	t 2.2	2.2	6.3	6.3	6.3	11.2	11.2	21.5	21.5
工作台尺寸 Dimension of work bench	mm 1000×800	1400×1100	1600×1300	1800×1500	2200×1800	2800×2000	3000×2000	3100×2100	3500×2500
下工作台承载能力 Carrying capacity of workbench	t 4	8	16	20	36	50	50	60	70
两工作台最小距离 minimum distance between two workbenches	mm 150	200	200	200	200	400	400	400	400
两工作台最大距离 maximum distance between two workbenches	mm 1150	1500	1700	1900	2300	2500	2500	3000	3200
下工作台移出行程 shift-out stroke of lower workbench	mm 2170	2950	3210	3620	4365	4800	4800	4980	5980
顶出行程 Ejection stroke	mm 220	220	300	300	300	300	300	350	350
上工作台翻转角度° Overturn angle of upper workbench°	180	180	180	180	180	180	180	180	180
模具最大重量 Maximum weight of mould	t 4	8	16	20	36	50	50	60	70
机器外型尺寸(长×宽×高) mm External dimension (length× width×high)	4185×1770×3690	5380×2325×4630	5920×2600×5240	6530×2800×5695	7800×3400×6860	8370×4000×7205	8510×4280×7405	8910×4460×8525	10315×4890×9275
电机功率 Eleetrical power	KW 11	15	18.5	22	30	37	45	45	55
机器重量 Weight	t 约 9.4	约 19	约 26	约 31	约 52	约 75	约 87	约 112	约 137

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.

供选装置 Device for selection



伺服驱动 Servo drive



液压夹具 Hydraulic clamp



磁性模板 Magnetic template



高精度导柱式合模机 JM 系列

High-Precision clamping machine JM type

SHUNXING-68JM/600JM



设备的先进性及优点:

高标准的配置确保机器的优异性能，机械加工主关零件全部采用进口加工中心加工，确保机械零件的加工精度，下模板移出轨道采用强化处理耐磨轨道，大范围的防尘装置；液压系统采用高性能的进口液压件优化组合，油泵为世界级品牌 DENISON 的油泵，液压阀采用美国威格士和台湾品牌，密封件采用日本 NOK 品牌，，控制部份采用专用合模机电脑控制系统。

- 导柱结构加弹性模板的设计使机器高压合模时精度更高，模板平行度调整更方便。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 四个合模油缸，使之高压合模时受力均匀，变形系数小。
- 具有机械保险安全保护装置，让您的模具和机器更安全。
- 整机活动处均安装石墨铜套导向，无油自润滑，让机器更干净更环保。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 下工作台配备高精度定位装置、升降装置。
- 动模座移动位置采用 MTS 数字尺检测，位置更加准确。

Sophistication and merits of equipment:High-level configuration can ensure excellent performance of the equipment. All the main components for mechanical processing are manufactured by imported machining center, to ensure machining precision of press elements. Shift-out rail of lower mould plate adopts wear resistant rail with intensified treatment and large-scale dust-proof device, Hydraulic system adopts optimal combination of imported high performance hydraulic elements, and DENISON oil pump, which is a world top brand, also, hydraulic valves of Japanese or Taiwanese brand have been used in this equipment. And special purpose computer control system for mould spotting press together with large-screen colored LCD has been used in control unit, so it is convenient to handle.

供选装置 Device for selection



伺服驱动 Servo drive



液压夹具 Hydraulic clamp



磁性模板 Magnetic template

机型项目 Items Model	SX68JM	SX100JM	SX160JM	SX200JM	SX300JM	SX350JM	SX400JM	SX500JM	SX600JM	
加压能力 pressure capacity	t	68	100	160	200	300	350	400	500	600
开模能力 Open capacity	t	22	25	38	45	56	70	80	120	150
翻转能力 Overturn capacity	t	2.5	4	8	10	18	25	25	30	35
顶出能力 Ejecting capacity	t	2.2	2.2	6.3	6.3	6.3	11.2	11.2	21.5	21.5
工作台尺寸 Dimension of work bench	mm	1000×800	1400×1100	1600×1300	1800×1500	2200×1800	2800×2000	3000×2000	3100×2100	3500×2500
下工作台承载能力 Carrying capacity of workbench	t	4	8	16	20	36	50	50	60	70
两工作台最小距离 minimum distance between two workbenches	mm	150	200	200	200	200	400	400	400	400
两工作台最大距离 maximum distance between two workbenches	mm	1150	1500	1700	1900	2300	2500	2500	3000	3200
下工作台移出行程 shift-out stroke of lower workbench	mm	1260	1740	1980	2180	2700	3295	3500	3680	4120
顶出行程 Ejection stroke	mm	50	65	250	250	250	280	300	300	300
上工作台翻转角度° Overturn angle of upper workbench°		180	180	180	180	180	180	180	180	180
模具最大重量 Maximum weight of mould	t	4	8	16	20	36	50	50	60	70
机器外型尺寸（长×宽×高） External dimension (length× width×high)	mm	2955×2820×3655	3765×3740×4580	4400×4080×5190	4800×4480×5680	5920×5380×6780	7115×5840×7140	7605×5880×7340	7905×6290×8470	8935×7220×9275
电机功率 Electrical power	KW	11	15	18.5	22	30	37	45	45	55
机器重量 Weight	t	约 9.2	约 18	约 25	约 30	约 50	约 73	约 85	约 110	约 130

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.



设备的先进性及优点:

机械设计采用世界先进的三维制图及有限元分析，确保机械强度及高刚性；电气控制部份采用先进技术设计，具有可靠的高精度控制器，精致的集中设计、抗干扰能力强，响应灵敏、操作方便；液压控制系统采用优化的液压回路并配以知名品牌的液压元件，使用寿命长；能确保模具加工的高精度，减轻模具生产中的劳动强度，大幅提高生产效率。

- 整机刚性大大增强，很好解决了由拉杆把上、中、下座用螺母联接成整体的过程中拉杆的预紧问题。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 操作采用了专用电脑控制和大屏幕操作显示屏操作方式。
- 配置了下模板升降装置，使下模板工作做往复运动始终在一个平面工作。
- 模板和下座及中座接触避免了整个面接触，提高了接触精度。
- 动模座移动位置采用 MTS 数字尺检测，位置更加准确。

Sophistication and merits of equipment:High-level configuration can ensure excellent performance of the equipment. All the main components for mechanical processing are manufactured by imported machining center, to ensure machining precision of press elements. Shift-out rail of lower mould plate adopts wear resistant rail with intensified treatment and large-scale dust-proof device, Hydraulic system adopts optimal combination of imported high performance hydraulic elements, and DENISON oil pump, which is a world top brand, also, hydraulic valves of Japanese or Taiwanese brand have been used in this equipment. And special purpose computer control system for mould spotting press together with large-screen colored LCD has been used in control unit, so it is convenient to handle.

供选装置 Device for selection



伺服驱动 Servo drive



液压夹具 Hydraulic clamp



磁性模板 Magnetic template

项目 Items	机型 Model	SX1008-68C	SX1411-100C	SX1613-160C	SX1815-200C	SX2017-300C	SX2618-360C	SX3020-400C	SX3121-500C
加压能力 Pressure capacity	t	68	100	160	200	300	360	400	500
提升能力 Lifting capacity	t	18	28	40	50	65	90	120	120
翻转能力 Overturn capacity	t	2.5	4	8	10	12.5	16	25	30
顶出能力 Ejecting capacity	t	2.2	2.2	6.3	6.3	6.3	11.2	16	16
工作台尺寸 mm Dimension of work bench		1000×800	1400×1100	1600×1300	1800×1500	2000×1700	2600×1800	3000×2000	3100×2100
工作台承载能力 Carrying capacity of workbench	t	4	8	16	20	25	32	50	60
上工作台开启行程 Opening stroke of upper workbench	mm	1000	1300	1600	1800	2060	2500	2500	2800
下工作台移出行程 Shift-out stroke of lower workbench	mm	1840	2500	2940	2940	3330	3530	3890	4800
顶出行程 Ejection shroke	mm	65	65	250	250	250	280	300	300
上工作台翻转角度 Overturn angle of upper workbench		0~180	0~180	0~180	0~180	0~180	0~180	0~180	0~180
模具最大重量 Maximum weight of mould	t	4	8	16	20	25	32	50	60
机器外型尺寸 (长 × 宽 × 高) mm External dimension (length × width × high)		2600×1700×3900	4300×2350×5100	4950×2850×5800	5800×3000×6100	6500×3500×7300	6650×4070×7950	7050×4200×8300	7200×4350×8700
机器重量 Weight	t	8	18	25	30	48	68	80	100

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.



高精度导柱式样合模机（二板）系列

High-Precision two plate clamping machine

SHUNXING-160/600II



设备的先进性及优点:

高标准的配置确保机器的优异性能，机械加工主关零件全部采用进口加工中心加工，确保机械零件的加工精度，下模板移出轨道采用强化处理耐磨轨道，大范围的防尘装置；液压系统采用高性能的进口液压件优化组合，油泵为世界级品牌 DENISON 的油泵，液压阀采用美国威格士和台湾品牌，密封件采用日本 NOK 品牌，，控制部份采用专用合模机电脑控制系统。

- 导柱结构加弹性模板的设计使机器高压合模时精度更高，模板平行度调整更方便。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 四个合模油缸，使之高压合模时受力均匀，变形系数小。
- 整机活动处均安装石墨铜套导向，无油自润滑，让机器更干净更环保。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 下工作台配备高精度定位装置、升降装置。
- 动模座移动位置采用 MTS 数字尺检测，位置更加准确。
- 整机高度比 JM 系列降低 15%-25%，解决了客户厂房高度不足问题。

Sophistication and merits of equipment:High-level configuration can ensure excellent performance of the equipment. All the main components for mechanical processing are manufactured by imported machining center, to ensure machining precision of press elements. Shift-out rail of lower mould plate adopts wear resistant rail with intensified treatment and large-scale dust-proof device, Hydraulic system adopts optimal combination of imported high performance hydraulic elements, and DENISON oil pump, which is a world top brand, also, hydraulic valves of Japanese or Taiwanese brand have been used in this equipment. And special purpose computer control system for mould spotting press together with large-screen colored LCD has been used in control unit, so it is convenient to handle.

供选装置 Device for selection



伺服驱动 Servo drive



液压夹具 Hydraulic clamp



抱闸装置（标配） Brake device (standard)

机型项目 Items Model	SX160-II	SX300-II	SX400-II	SX600-II
加压能力 pressure capacity	t 160	300	400	600
上工作台升降提升能力 Upper workbench lift capacity	t 38	56	80	150
上工作台翻转能力 Overturn capacity of upper workbench	t 8	18	25	35
上工作台尺寸 Upper workbench size	mm 1600×1430	2000×1940	3000×2140	4000×2970
最小模具厚度 Min mold thickness	mm 240	600	600	800
最大模具厚度 Max mold thickness	mm 1000	1600	2000	2800
最大开距 maximum distance between two workbenches	mm 1700	2300	2700	3500
上工作台翻转角度 angle of upper workbench	° 180	180	180	180
下工作台尺寸 Carrying capacity of workbench	mm 1600×1300	2000×1800	3000×2000	4000×2800
下工作台承载能力 Carrying capacity of workbench	t 16	36	50	70
下工作台移出距离 Shift-out stroke of lower workbench	mm 3200	2750	4800	6800
电机功率 Power of motor	KW 18.5	37	45	55
机器尺寸（长×宽×高） External dimension (length×width×high)	mm 6500×2790×4370	6010×5145×5850	8300×4480×6460	11250×5590×8485
机器重量 Weight	t 约 22	约 45	约 80	约 125

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.



高精度转盘合模机（多色）系列

High-Precision clamping machine (three colors)

SHUNXING-200/350JM



设备的先进性及优点:

高标准的配置确保机器的优异性能，机械加工主关零件全部采用进口加工中心加工，确保机械零件的加工精度，下模板移出轨道采用强化处理耐磨轨道，大范围的防尘装置；液压系统采用高性能的进口液压件优化组合，油泵为世界级品牌 DENISON 的油泵，液压阀采用美国威格士和台湾品牌，密封件采用日本 NOK 品牌，，控制部份采用专用合模机电脑控制系统。

- 导柱结构加弹性模板的设计使机器高压合模时精度更高，模板平行度调整更方便。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 四个合模油缸，使之高压合模时受力均匀，变形系数小。
- 具有机械保险安全保护装置，让您的模具和机器更安全。
- 整机活动处均安装石墨铜套导向，无油自润滑，让机器更干净更环保。
- 具有实用可靠的故障检测、报警及低压模具保护功能。
- 下工作台配备高精度定位装置、升降装置。
- 动模座移动位置采用 MTS 数字尺检测，位置更加准确。
- 增加模具研配过程中工位切换功能，可直接研配双色、三色模具。

Sophistication and merits of equipment:High-level configuration can ensure excellent performance of the equipment. All the main components for mechanical processing are manufactured by imported machining center, to ensure machining precision of press elements. Shift-out rail of lower mould plate adopts wear resistant rail with intensified treatment and large-scale dust-proof device, Hydraulic system adopts optimal combination of imported high performance hydraulic elements, and DENISON oil pump, which is a world top brand, also, hydraulic valves of Japanese or Taiwanese brand have been used in this equipment. And special purpose computer control system for mould spotting press together with large-screen colored LCD has been used in control unit, so it is convenient to handle.

供选装置 Device for selection



伺服驱动 Servo drive



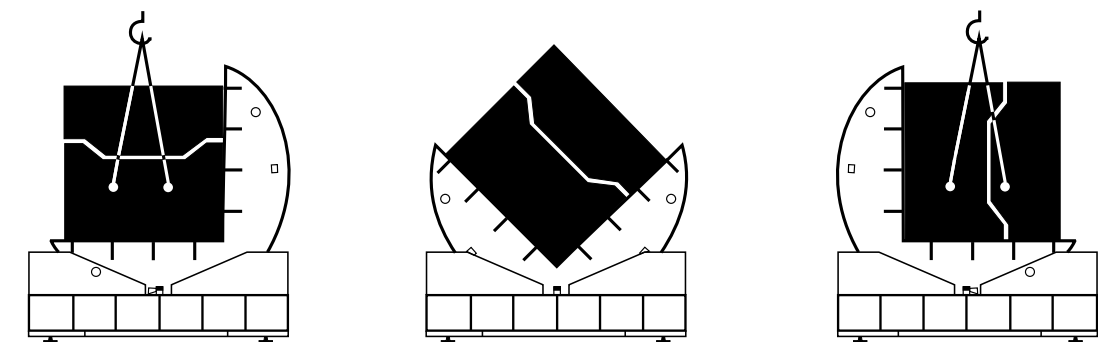
磁性模板 Magnetic template



转盘装置（标配）Turntable device (standard)

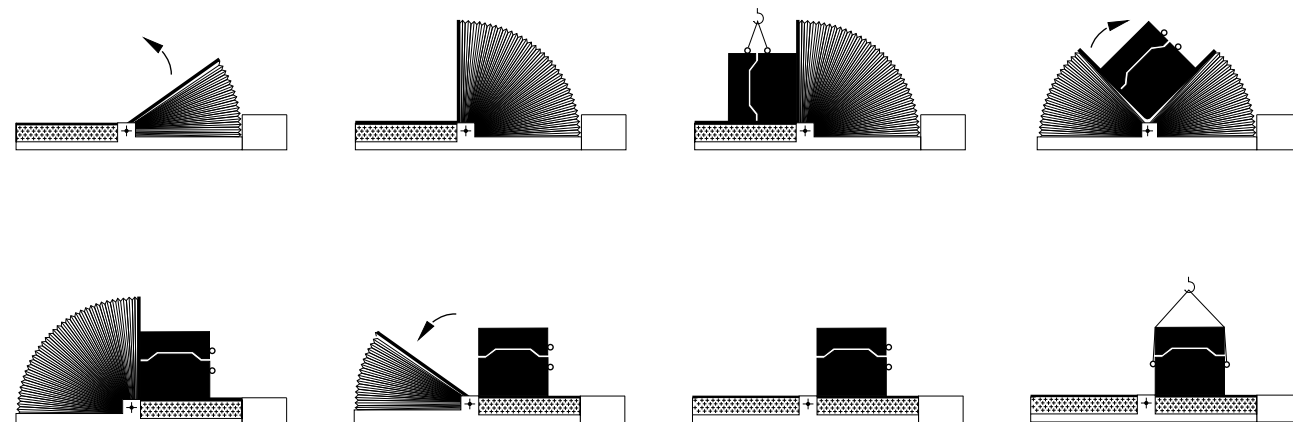
机型项目 Items Model	SX200JM	SX300JM	SX300JM	SX350JM
加压能力 pressure capacity t	200	300	300	350
开模能力 Open capacity t	58	75	75	90
翻转能力 Overturn capacity t	10	18	25	25
工作台尺寸 Dimension of work bench mm	1800×1500	2200×1800	2800×2000	2800×2000
下工作台承载能力 Carrying capacity of workbench t	20	36	36	36
两工作台最小距离 minimum distance between two workbenches mm	200	200	200	200
两工作台最大距离 maximum distance between two workbenches mm	1900	2300	2300	2300
下工作台移出行程 shift-out stroke of lower workbench mm	2180	2700	3365	3365
顶出行程 Ejection stroke mm	300	300	300	300
上工作台翻转角度° Overturn angle of upper workbench°	180	180	180	180
模具最大重量 Maximum weight of mould t	20	36	36	36
机器外型尺寸（长×宽×高）mm External dimension (length×width×high) mm	4185×1770×3690	6000×5200×7140	7200×5500×7500	7200×5500×7500
电机功率 Electrical power KW	22kw	30kw	30kw	37kw
机器重量 Weight t	约 32	约 55	约 80	约 82

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.



机型项目 \ 机型 Model Ltems	SXF-10	SXF-15	SXF-20	SXF-30	SXF-50	SXF-70
翻转能力 Overturn capacity t	10t	15t	20t	30t	50t	70t
台面尺寸 Table area(mm)	1400×1300	1600×1500	2000×1600	2200×1800	2500×2000	3200×3200
台面高度 Table height(mm)	740	740	870	980	1170	1530
机型外型尺寸 (长×宽×高) External dimension (length×width×high)	1910×1400×2050	2200×1600×2250	2360×2000×2470	2680×2200×2780	3000×2500×3170	4800×3200×4750
电机功率 Electrical power KW	4.0kw	5.5kw	7.5kw	11kw	22kw	22kw
机器重量 t Weight	约 3.2t	约 3.8t	约 6.5t	约 9.5t	约 15.5t	约 25.3t

备注：技术参数如有更改，恕不另行通知。
Note: Technical parameters can be changed without prior notice.



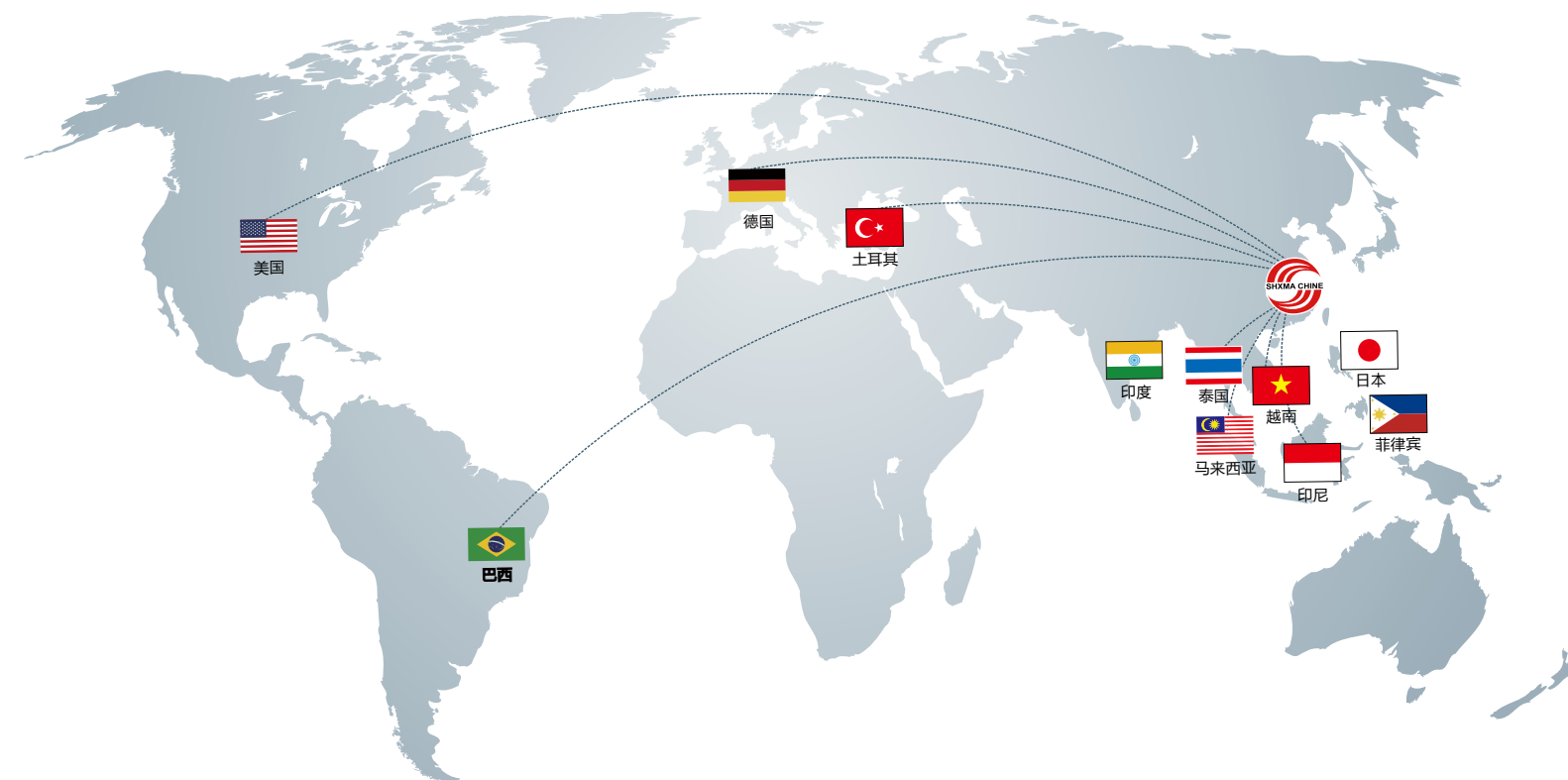
机型项目 \ 机型 Model Ltems	FJR-20	FJR-60	FJR-80
翻转能力 Overturn capacity t	20t	60t	80t
台面尺寸 Table area(mm)	3000×2600	3000×3000	3500×3500
台面高度 Table height(mm)	650	655	880
机型外型尺寸 (长×宽×高) External dimension (length×width×high)	7240×2600	7240×3000	10000×3500
电机功率 Electrical power KW	18.5kw	18.5kw	55kw
机器重量 t Weight	约 22t	约 25t	约 42t

备注：技术参数如有更改，恕不另行通知。
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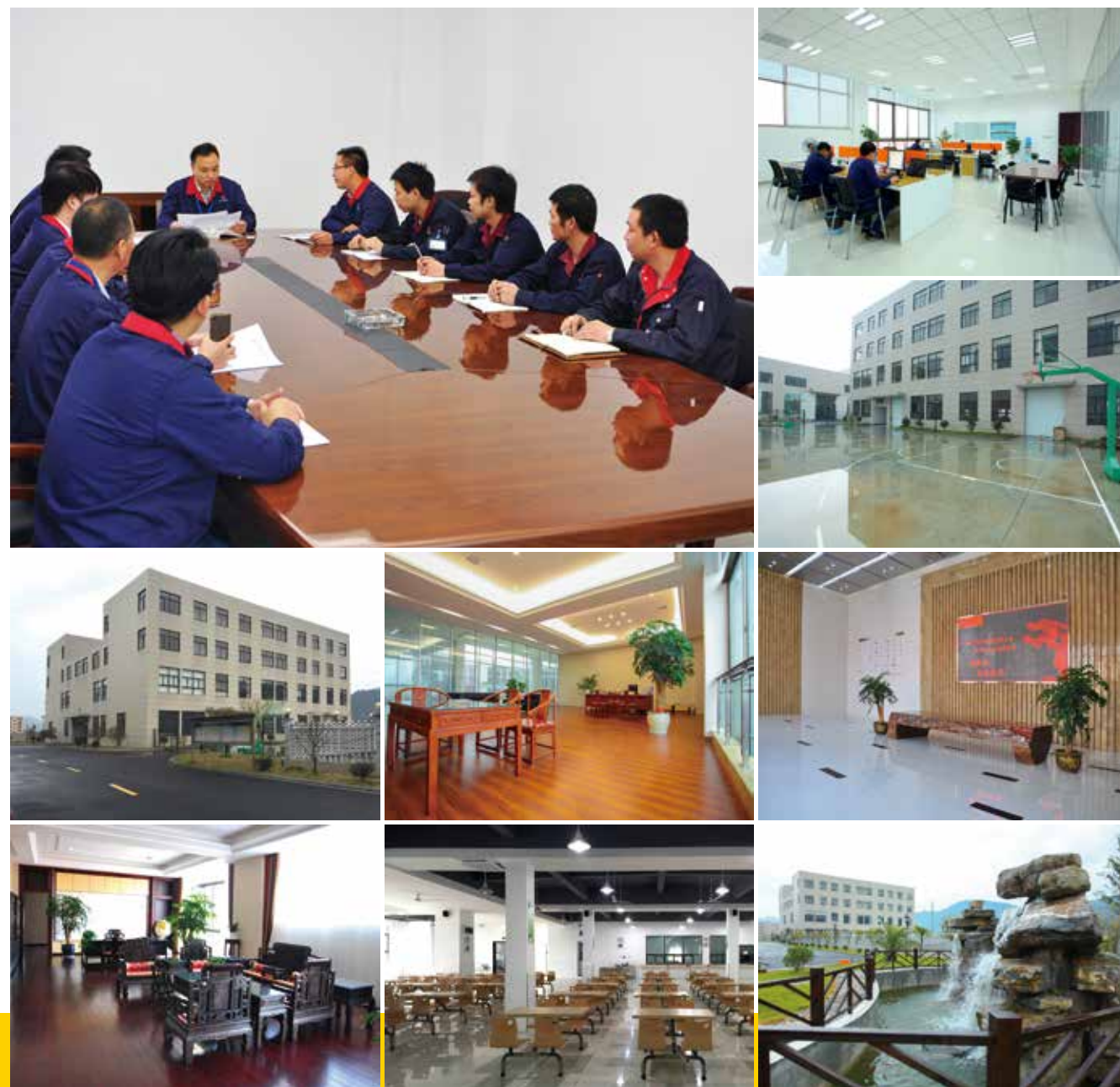
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