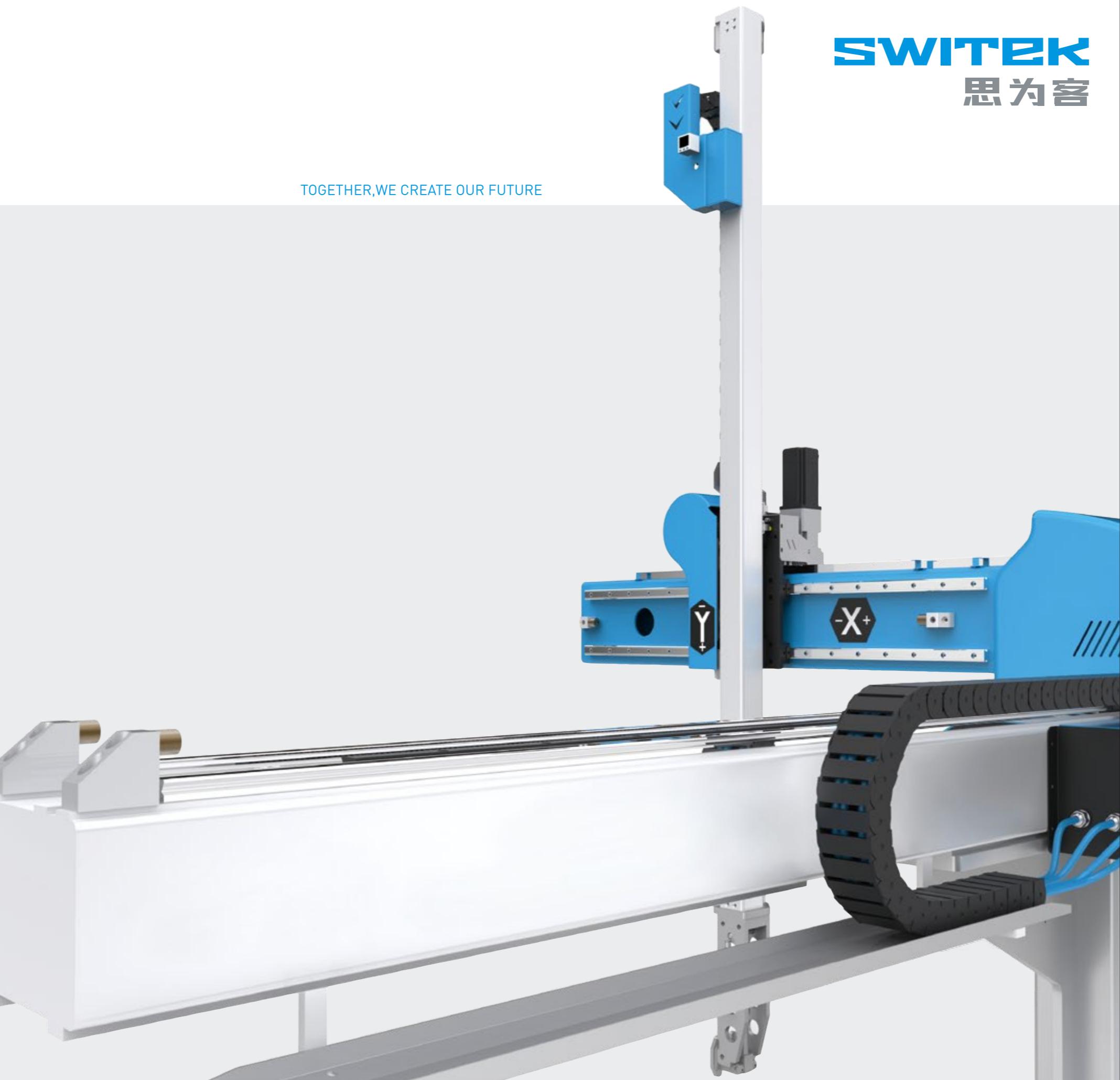


If you want to have a higher work efficiency and economic benefits, at the same time improve production flexibility, SWITEK robot is the best choice. For more information, please login our official website or call for enquiry.
若您希望拥有更高的工作效率与经济效益，同时提升生产灵活度，思为客机械手就是最好的选择。
如需了解更多信息，请访问思为客官方网站或致电详询。



TOGETHER,WE CREATE OUR FUTURE



目
录

CONTENTS

COMPANY PROFILES	
企业简介	01-02
SW8 IN-MOULD LABELING SYSTEM	
高速模内贴标系统	05-06
SW811 HIGH SPEED SIDE-ENTRY ROBOT	
高速侧取式机械手	07-08
SW7 SERIES THREE AXES SERVO ROBOT	
三轴伺服机械手	09-14
SW71 HIGH SPEED THREE AXES SERVO ROBOT	
高速三轴伺服机械手	15-16
SW6 SERIES THREE/FIVE AXES SERVO ROBOT	
三 / 五轴伺服机械手	17-20
SW52 TWO AXES SERVO ROBOT	
两轴伺服机械手	21-22
SW51 SINGLE AXIS SERVO ROBOT	
单轴伺服机械手	23-24
SW3 SINGLE AXIS SERVO ROBOT	
单轴伺服机械手	25-26
SW2 SPRUE PICKER	
旋臂式机械手	27-28
BUSINESS PARTNER	
企业合作伙伴	29-30

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* 规格如有变更，恕不另行通知
*Specifications are subject to change without notice

2017.04

PROFILE 企业简介

About SWITEK

SWITEK specializes in industrial robot arm and automation solution for difference industrial field: such as commodity, automobile, automotive, household appliances, packaging and electronic etc... SWITEK devote to creat the value for customer all the time. Works from industrial robot arm, application of control system, device of after-works from robot taking out, to fully automation for the whole factory planning. Through the continuously innovation in deference industry and deepen cooperation with partners, SWITEK success to "Create a Bright Future With Customer".

关于思为客

思为客致力于日用品、汽车、家电、包装、电子等行业机械手的研发并提供量身定制的自动化解决方案。在过去的发展年间，思为客全面汲取国内外优质客户之经验，从制造机械手及专用控制系统的应用，开发机械手与接口设备，到协助客户进行自动化生产整厂的设计与规划，思为客始终致力于为顾客创造价值，以及提供持续性的服务和维护。通过在自动化领域持续不断的创新，以及深化合作伙伴的双赢关系，思为客愿与创造者共创无限生机的未来。

TOGETHER,
WE
CREATE
OUR
FUTURE

- SWITEK provides packaging system to the famous dairy manufacturers.
- 思为客为著名的中国乳品制造商提供生产包装解决方案
- We are the first developer in IML technology in China.
- 国内第一家模内贴标核心技术的研发
- We are the first developer realize the automatic integration of cutlery packaging in China.
- 国内第一家实现刀叉勺一体化包装自动化的生产厂家
- We are the first developer realize the folding forks automation system with 64 cavities Mould.
- 国内第一家 64 穴侧取式折叠叉取出厂家
- Have the honour to win 24 domestic patents.
- 荣获国内 24 项实用新型专利证书
- Guangdong Province Enterprise of Observing Contract and Valuing Credit.
- 广东省守合同重信用企业
- Through CE, ISO9001 quality management system certification
- 已通过 CE , ISO9001 质量管理体系认证
- Privately-Owned High-Tech Enterprise
- 民营科技企业
- New High-Tech Enterprise
- 高新技术企业





SW8

In-Mould Labeling System

高速模内贴标系统

Higher speed 更高速

Less than 3 second finish the whole cycle,
include labelling, take out, arrangement

最快时间只需 3 秒以内即可完成
整个贴标、取出、排列等生产周期。

3"
ONLY

Higher reliability 更稳定

Defective Rate is Less Than 0.2%.
掉标率仅为千分之二。

≤ 2%
Defect Rate
掉标率

More environmentally friendly 更环保

Permanent shaping effect, printing more
attractive, with environmental protection
material. Products high additional value

一体成型效果永久，精美印刷，
具环保材质，产品附加价值高。

Flexible design of Cassette 灵活的卡匣堆叠设计

Flexible direction of cassette and stack system, supports fast conversion.
卡匣，堆叠系统方向灵活，支持快捷转换

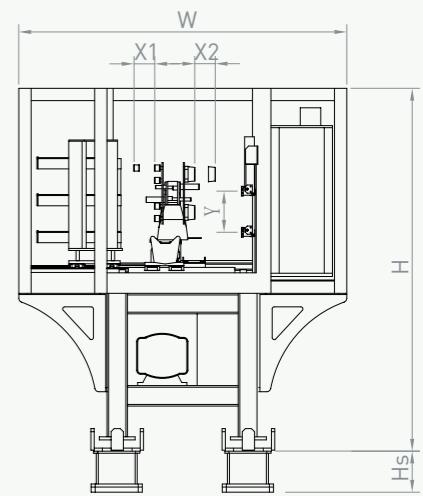
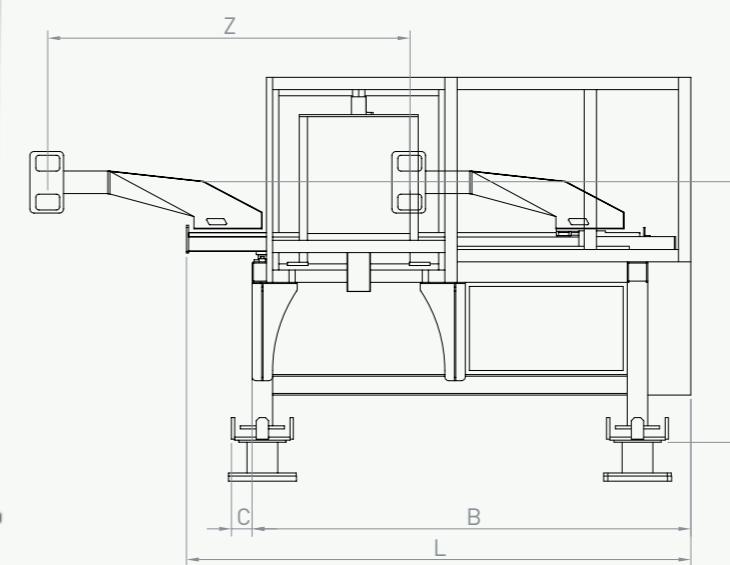


Mechanical structure design (modularity, lightweight)

机械结构设计 (模块化、轻量化)

The mechanical structure design through the finite element stress analysis and other measures. Ensure the hardware have a long life time. The most reasonable running stability and mechanical structure design. Equipment performance optimization, Stable and efficient operation of the whole equipment to provide strong technical safety.

机械结构设计经过有限元受力分析等措施，保证各标准件使用寿命长，运行稳定，机械结构设计最合理，设备性能最优化，为整套设备的稳定高效运行提供强有力技术保障



MODEL	X1	X2	Y	Z	L	W	A	B	C	H	Hs	I.m.m 适合射出机	DRY CYCLE TIME 空循环周期
SW830	90	90	500	1800	2600	1600	1300	2140	100	1770	Hs	100-250T	2.5Sec
SW833	90	90	500	1800	2600	1600	1300	2140	100	1770	Hs	100-250T	4Sec
SW850	90	90	500	2000	2600	1600	1600	2140	100	2070	Hs	200-550T	4.5Sec

*Specific size modified by IMM. 具体尺寸可按实际需要修改

SW811

HIGH SPEED SIDE-ENTRY ROBOT
高速侧取式机械手

Fast Robot Of Imaginative



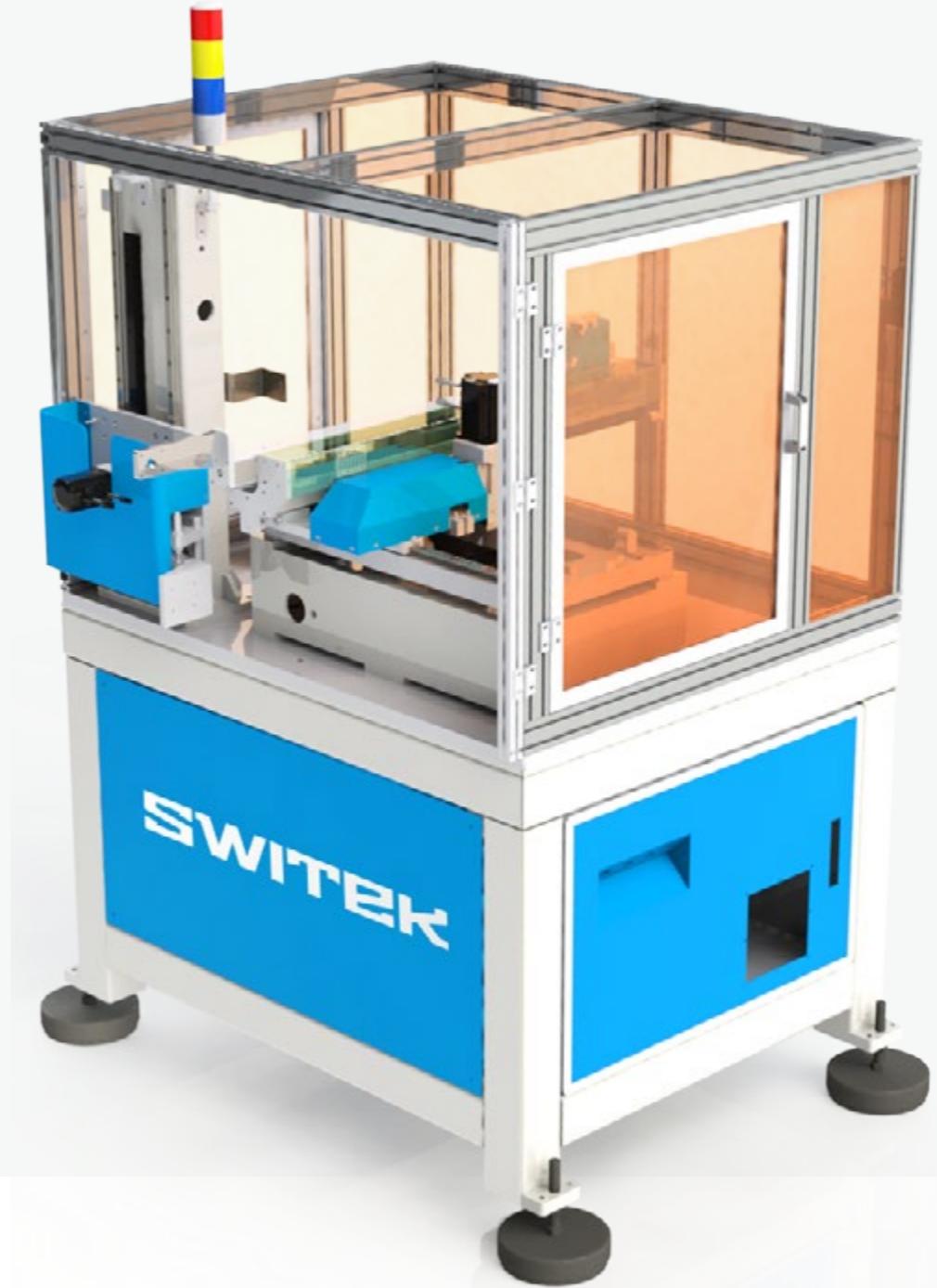
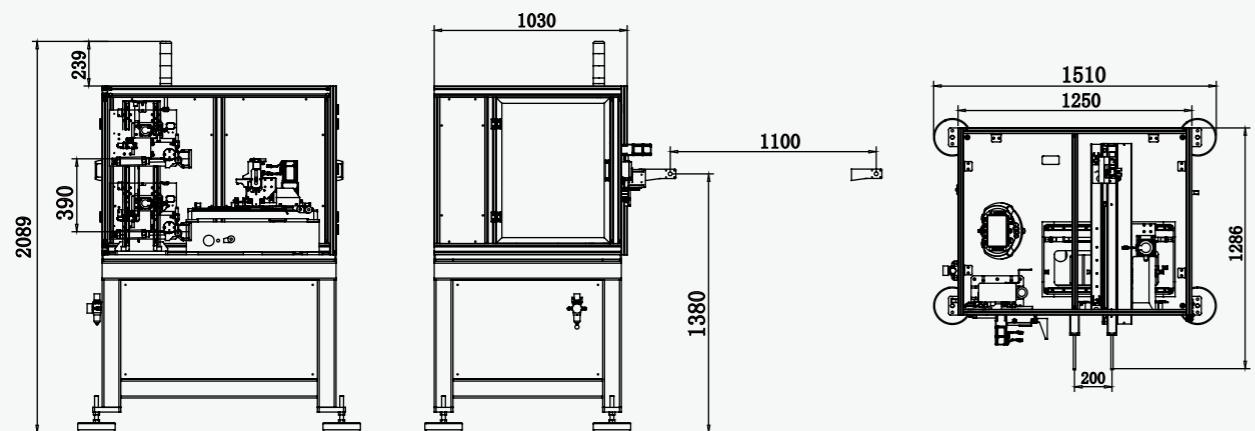
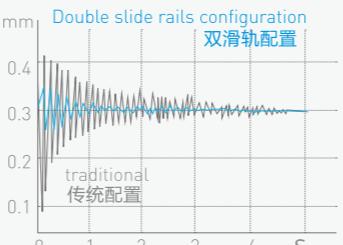
专为快速取出薄壁产品
Designed for quick take out
of thin-walled products

Double slide configuration 双滑轨配置

It makes the arm stronger and strength.
Drag chain with drape type sturture,ensure
the long life time of drag chain and +/-
0.01 position assurance suitable for insert
molding.

手臂倍速机构且上端采用双滑
轨配置使手臂强度更强抖动性
小，拖链下置不易断，配合注
塑模具，可使配合精度达到
 ± 0.01 ，非常适合于嵌件埋入

Compared With The Traditional 双滑轨配置抖动性与传统相比



PAYLOAD/KGS (治具+产品)	I.M.M 适合注塑机	DRY CYCLE TIME 空循环周期	MINIMUM TAKE TIME 模内时间
3KG	150-270T	1.9S	0.8S

SW77

Three Axes Servo Robot

三轴伺服双截机械手

Heavy load 大负载

Large load-bearing capacity, fulfill different product requirement.

超大的负重能力，满足不同的生产需求。

Precision gear transmission mechanism

精密性齿轮传动机构



Low Noise
低噪音



High Speed
超高速



High Precision
高精度



Low Vibration
低震动

**Full axial AC servo
全轴 AC 伺服**

Fully closed-loop style control ensures an accuracy and reliability of machine's motion. Instructive style free edition program is convenient in operation. It offers multi-language menu style true color touch screen operation interface.



全闭环式控制保证机器运动精度及可靠性，教导式自由编辑程式操作便利，为多语种菜单式真彩触摸屏操作界面。

**Ox-head style layout
牛头式布局**

Rear gravity, shorter arm, higher durability, provide more rooms to the mention of gripper.

重心后置至使用力臂更短，耐用性更高，且增加更多的治具应用空间范围。



Model	X	X reach	Y	YM1	YM2	Z	L	W	H	HS	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW7722	1720	2250	2200	680	1520	4000	5050	3000	2980	850	50	800-2800T	
SW7725	1720	2250	2500	730	1770	4000	5050	3000	3210	900	50	1000-3000T	16Sec
SW7730	1720	2250	3000	780	2220	4000	5050	3000	3260	950	75	1400-4000T	

SW75

Three Axes Servo Robot

三轴伺服双截机械手

Precision Linear Guideway
精密线性滑轨

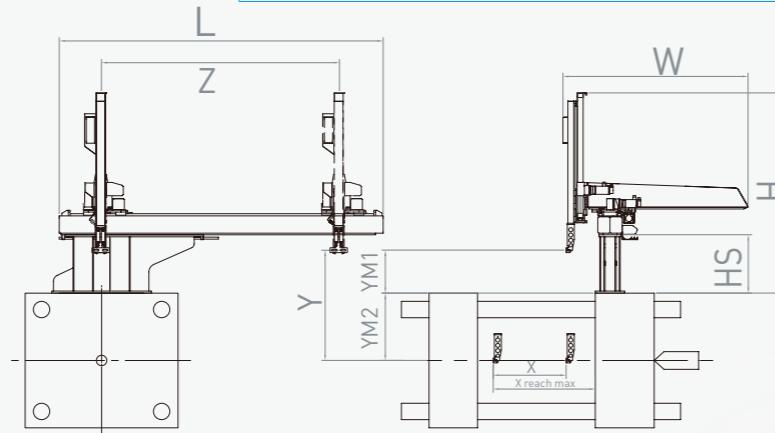
Aluminum alloy type arm
铝合金挤型手臂

All open modular design
全开放式模块化设计

Beam steel add welding slab. 横梁型钢加焊扁铁工艺

Beam steel add welding slab. Increase the slide rail to install the precision. Locking force and intensity.

横梁型钢加焊扁铁工艺，增加滑轨安装面的精度，锁紧力及强度。



Ox-head style layout 牛头式布局

Rear gravity, shorter arm, higher durability, provide more rooms to the mention of gripper.

重心后置至使用力臂更短，耐用性更高，且增加更多的治具的应用空间范围。

Crosswise integrated design 引拔一体化设计

Perfect combination and electrical box, Electrical box under pull in crosswise.

引拔和电箱完美结合，电箱内置于引拔内



Optional servo C axis (A+B+C axis can be choose) 可选配伺服C轴 (A+B+C轴可选)

More flexible and higher precision post technology processing
使后续工艺处理更灵活且精度更高

Model	X	X reach	Y	YM1	YM2	Z	L	W	H	HS	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW7518	1320	1785	1800	500	1300	3120	4110	2480	2337	700	15	500-1300T	12Sec
SW7522	1320	1785	2200	550	1650	3120	4110	2480	2730	700	15	500-1800T	

SW73

Three Axes Servo Robot
三轴伺服双截机械手

Unique design and application

■ COMPARE

牛头式布局与
传统治具应用空间范围比较

Ox-head style layout 牛头式布局

traditional jig
application space 传统式布局

Gripper operation space
治具的应用
空间范围

+35. 5%

All open modular design 全开放式模块化设计

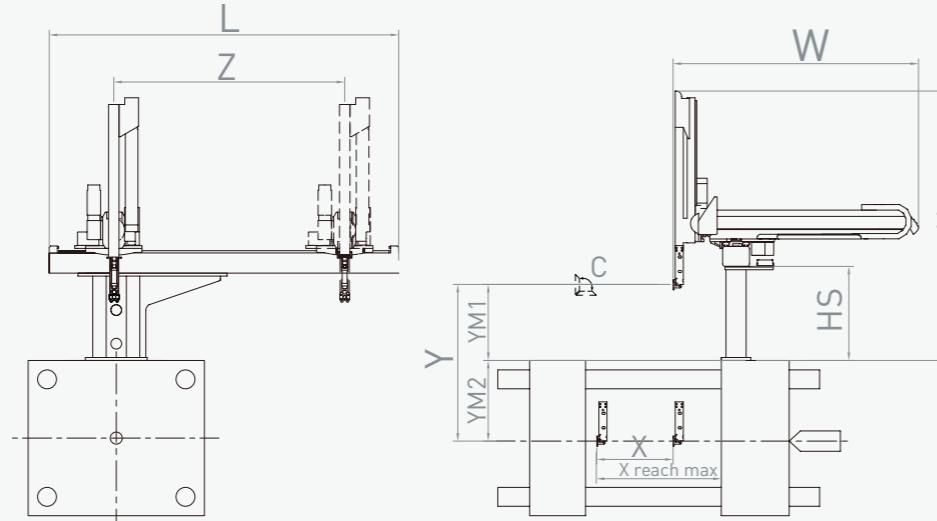
Full open concise layout and modular design
for easy to maintain. Forward and reversal
installation are interchangeable. Fixtures
use hanging assembly with the more
human-centered treatment.

全开放式简洁布局及模块化设计
便于维护，正反向安装变更
更加方便，治具采用便挂式
组装，更具人性化处理

Ox-head style layout 牛头式布局

Rear gravity, shorter arm, higher
durability, provide more rooms to the
mention of gripper.

重心后置至使用力臂更短，耐用性
更高，且增加更多的治具的应用空
间范围。



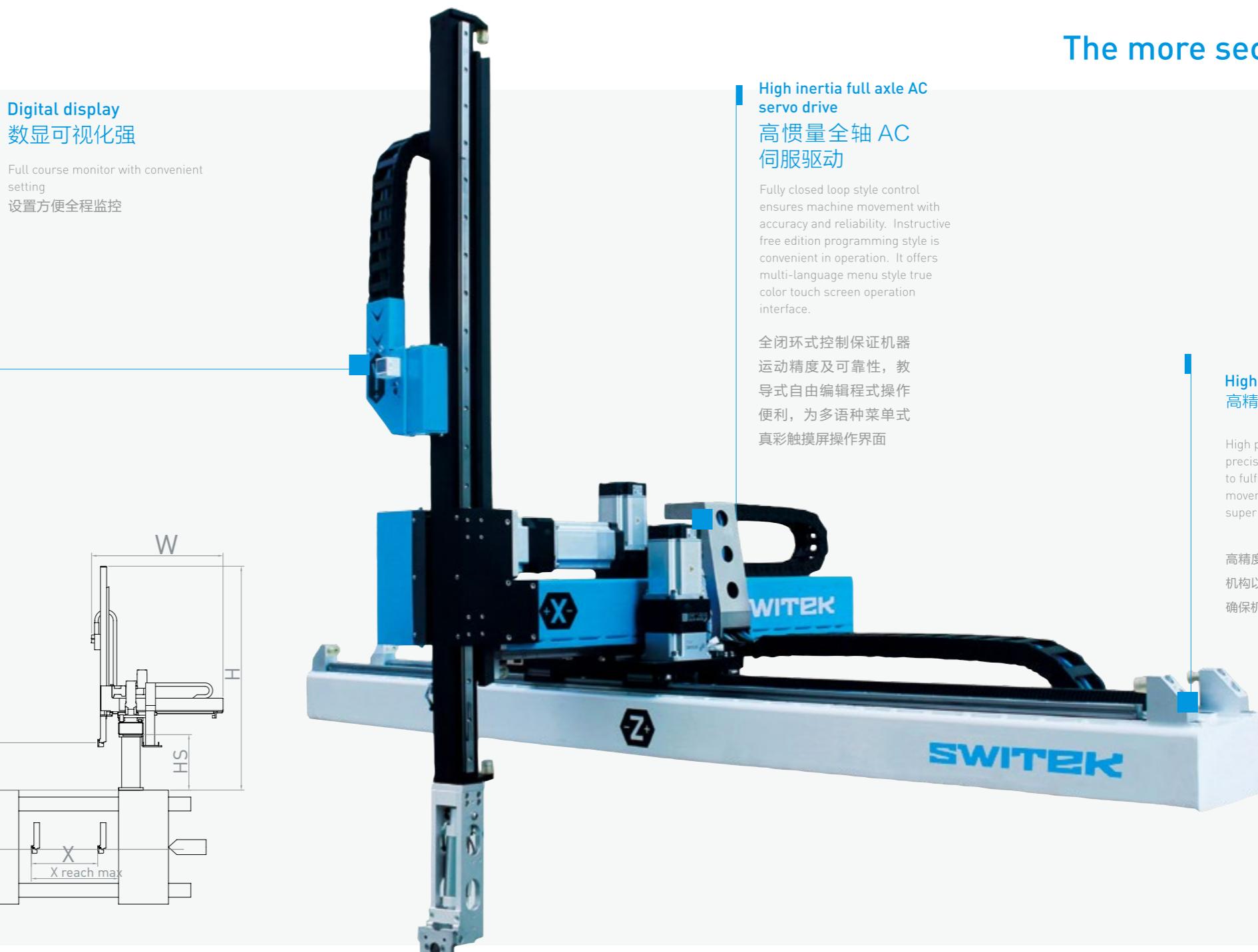
Model	X	X reach	Y	YM1	YM2	Z	L	W	H	HS	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW7312	730	1020	1200	450	750	1700	2600	1657	2102	600	5	350-650T	8Ses
SW7315	950	1250	1500	500	1000	1800	2780	1897	2302	700	5	550-850T	

SW71

High Speed Three Axes Servo Robot

三轴伺服单臂超高速机械手

The more secure structural design



Model	X	X reach	Y	YM1	YM2	Z	L	W	H	HS	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW7109S	450	620	900	380	520	1400	2000	1065	1820	450	5	50-300T	3.3Sec

S: Single arm 单臂无料头臂

European concept and outstanding design

SW67

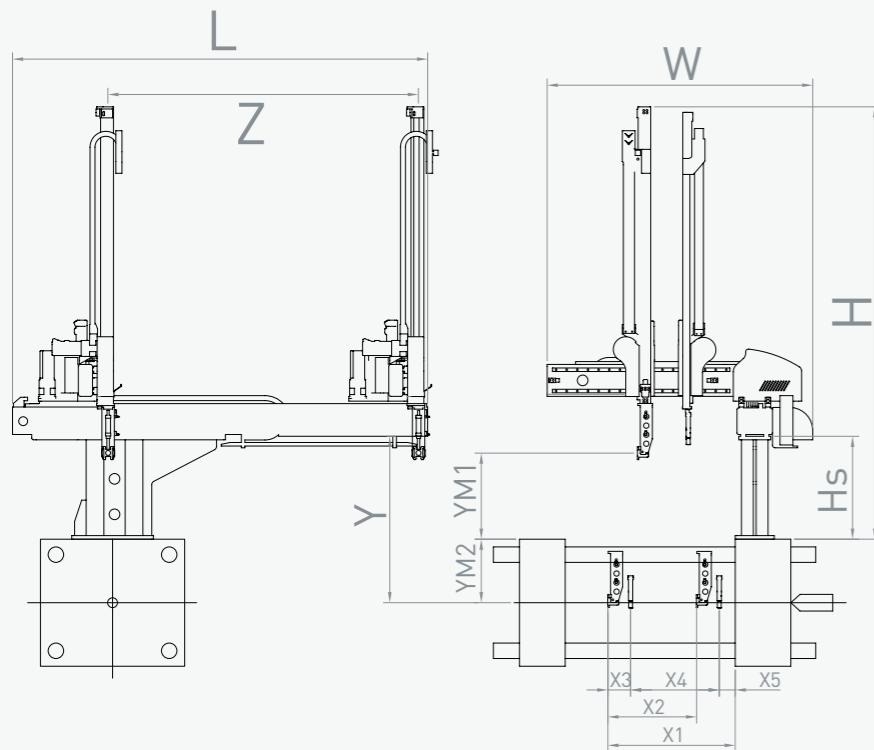
Three/Five Axes Servo Robot

三 / 五轴伺服机械手

High accuracy transmission mechanism
高精度传动机构

High precision slide-rail matches with precision gear transmission mechanism to fulfill low vibration high speed movement. It features as low noise, super high speed etc.

高精度滑轨配合精密齿轮传动
机构以实现低震动高速运动，
确保机构低噪音超高速等特点



European concept design
欧洲概念设计

Contraption, High speed, stable
精巧严谨的结构，运转顺畅、
快速、平稳。

Full open modular design
全开放式模块化设计

Full open concise layout and modular design for easy to maintain. Forward and reversal installation are interchangeable. Fixtures use hanging assembly with the more human-centered treatment.

全开放式简洁布局及模块化设计便于维护，正反向安装变更
更加方便，治具采用便挂式
组装，更具人性化处理

Model	X1	X2	X3	X4	X5	Y	YM1	YM2	W	W1	L	Z	H	Hs	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW6708DS	800	650	140	500	85	800	350	450	1690	930	2350	1700	1900	600	8	150-280T	
SW6710DS	800	750	140	500	85	1000	350	650	1690	930	2350	1700	1900	600	8	200-400T	
SW6712DS	800	750	140	500	85	1200	350	850	1690	930	2350	1700	1900	600	8	350-650T	7Sec
SW6715DS	1150	1200	140	500	85	1400	480	1020	2400	1800	3120	2450	2400	700	15	500-850T	

Optional 可选 D: Telescopic arm 双截 S: Single arm 单臂无料头臂

SW63

Three/Five Axes Servo Robot

三 / 五轴伺服机械手

- Main beam 主横梁
- Aluminum alloy type arm 铝合金挤型手臂
- Crosswise 引拔梁
- Linear Guideway 线性滑轨
- Belt drive 皮带传动

实现

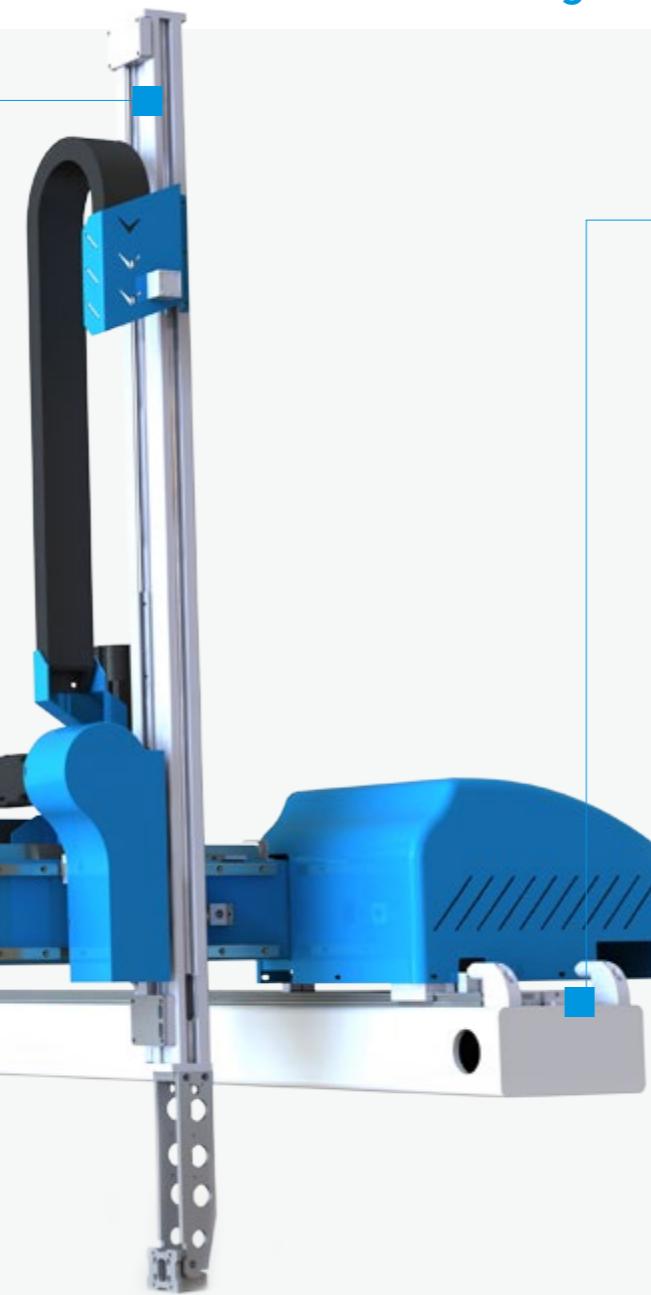
- Low noise 低噪音
- High speed 超高速
- High precision 高精度
- Low Vibration 低震动

Full open modular design

全开放式模块化设计

Full open concise layout and modular design for easy to maintain. Forward and reversal installation are interchangeable. Fixtures use hanging assembly with the more human-centered treatment.

全开放式简洁布局及模块化设计便于维护，正反向安装变更更加方便，治具采用便挂式组装，更具人性化处理。

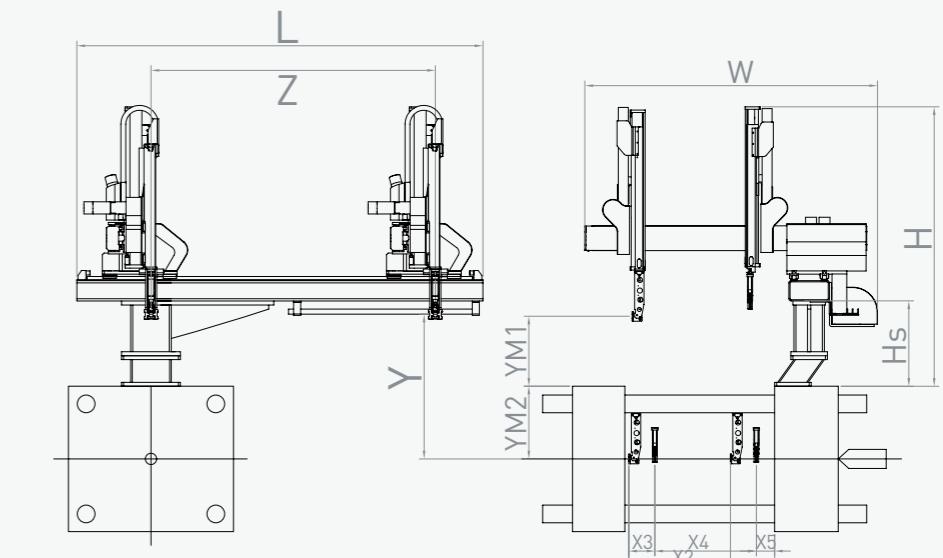


Beam steel add welding slab.

横梁型钢加焊扁铁工艺

Beam steel add welding slab. Increase the slide rail to install the precision. Locking force and intensity.

横梁型钢加焊扁铁工艺，增加滑轨安装面的精度，锁紧力及强度

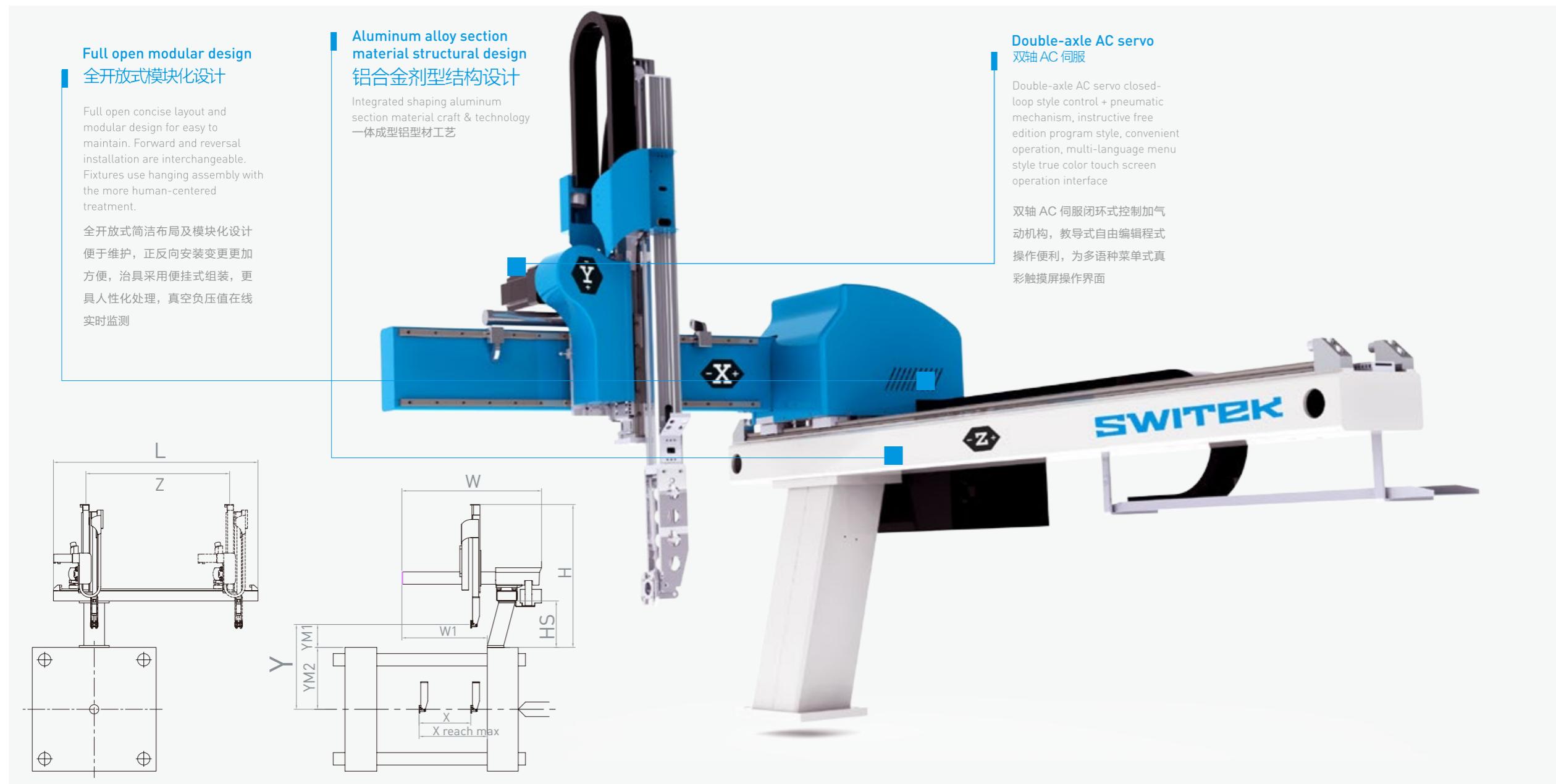


Model	X1	X2	X3	X4	X5	Y	YM1	YM2	W	L	Z	H	Hs	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW6308DS	650	500	120	500	90	800	350	450	1440	1940	1340	1810	530	3	50-200T	4Sec
SW6310DS	650	500	120	500	90	1000	350	650	1440	1940	1340	2010	530	3	150-320T	

Optional 可选 D: Telescopic arm 双截 S: Single arm 单臂无料头臂

The most economic and reasonable manipulator, ready for you

SW52
Two Axes Servo Robot
两轴伺服机械手

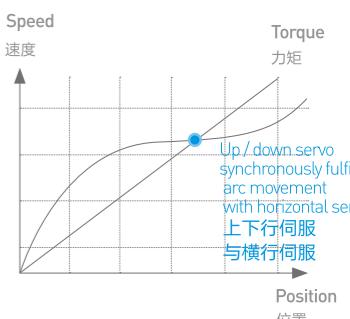


MODEL	X	X reach	Y	YM1	YM2	W	W1	L	Z	H	Hs	payload/kgs (治具+产品)	I.m.m 适合射出机	DRY CYCLE TIME 空循环周期
SW5210DSG	250	800	1000	330	670	1560	1010	2300	1700	1585	500	3	150-280T	
SW5210DG	200	980	1000	350	650	1540	1179	2300	1700	1585	550	3	200-300T	
SW5208DS	300	720	800	350	450	1620	700	2000	1400	1600	550	5	150-280T	4Sec
SW5210DS	300	720	1000	400	600	1620	700	2460	1800	1750	600	5	200-400T	
SW5212DS	300	900	1200	400	800	1800	880	2460	1800	1750	600	5	350-650T	

D: Telescopic arm 双截 S: Single arm 单臂无料头臂 G: High speed 高速

Up/down servo
上下行伺服

Up / down servo synchronously fulfills arc movement with horizontal servo. It combines with in-mold down stand-by functions etc. with short production cycle. Meanwhile it features as three-axle simple and convenient stacking etc采用上下行伺服与横行伺服同步达到弧线运动，结合模内下行待机等功能，生产周期短，同时具备三轴简易码垛等特点



Arm servo configuration is suitable for high speed up and down. It offers great convenience for you.

手臂伺服配置适用于高速上下快速移动之结构上，为您提供更大便利

Stability 稳定
of product quality 产品质量

Enhance 提高
productivity 生产效率

Reduces 降低
scrap 废品率

Reduces 降低
production cost 生产成本

SW51

Single Axis Servo Robot
单轴伺服机械手

Long life 长寿命

Light weight assembly reduces horizontal action burden. It thus reduces trouble frequentness of machine hand. It fulfills the longer life of machine hand. Fully sealing of electro-mechanical valve group resists oil stain, dust. It prolongs the service life.

轻量化的组件，减少对横向的负荷，因此降低机械手的故障频度，实现机械手更长寿命。

电磁阀组完全密封，避免油污，粉尘侵蚀，可增加使用之寿命

Highly secure 高安全性

Electric control circuit terminal wiring has no suspended interface. It removes corrosive interface and bad contact. Lower arm has inspection switch and anti-falling device. It is highly secure.stain, dust. It prolongs the service life.

电控线路终端配线无空中接头，避免接头腐蚀发生接触不良

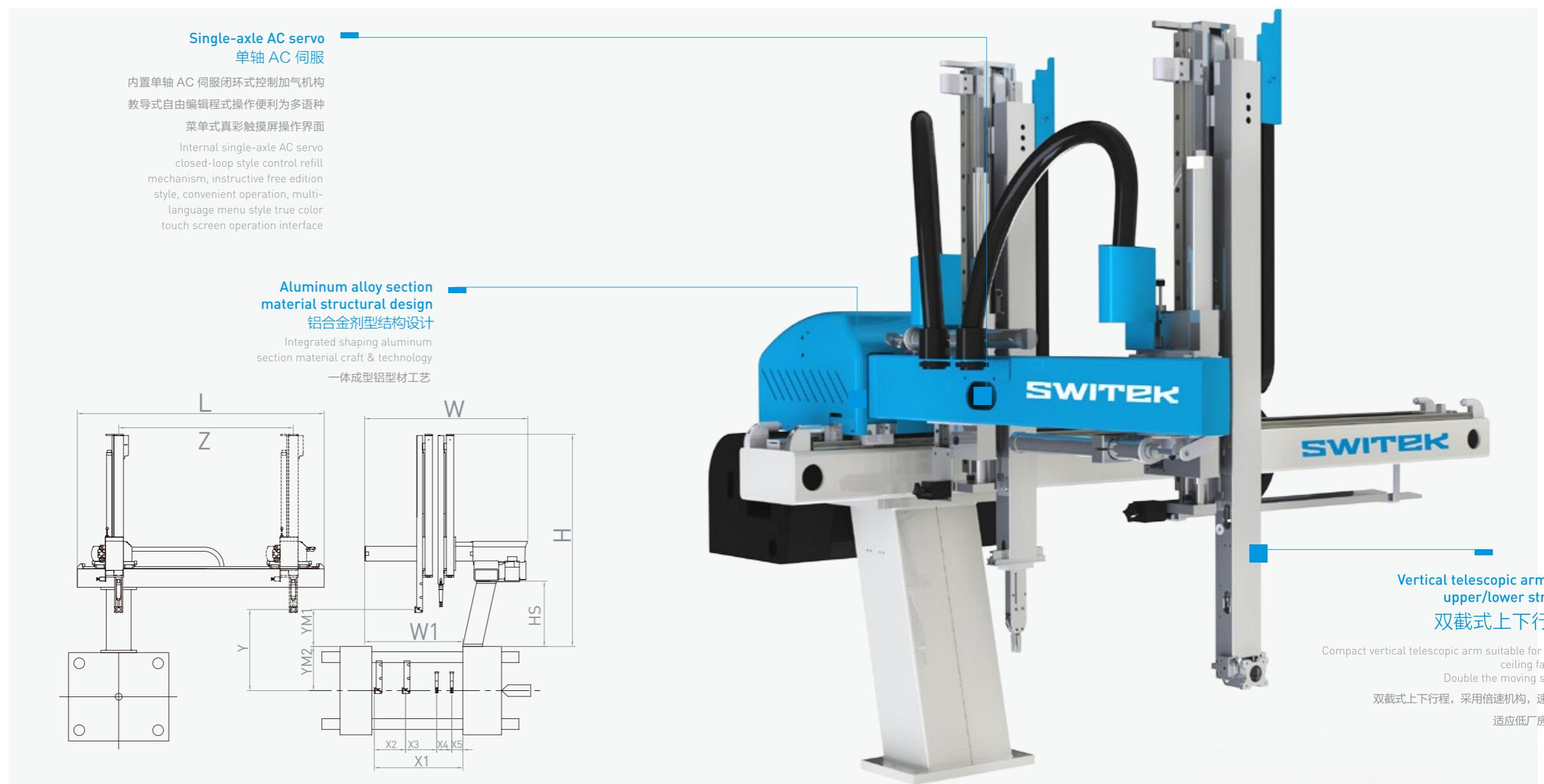
手臂下段位置附带检知开关及防落装置，安全性高

Wide application 适用性广

Out-mold horizontal action can fulfill multi-point positioning. It suits later use with different requirements.

模外横行可实现多点定位，适应后序不同要求使用

Lightness,stronger,let your system to achieve the best reliability.



Model	X1	X2	X3	X4	X5	Y	YM1	YM2	W	W1	L	Z	H	Hs	payload/kgs (治具+产品)	I.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW5108D	930	300	250	150	50	800	320	480	1620	970	2000	1400	1350	550	5	130-220T	
SW5110D	930	300	250	150	50	1000	370	630	1620	970	2420	1800	1500	600	5	200-400T	9Sec
SW5112D	930	300	250	150	50	1200	370	830	1800	1150	2420	1800	1600	600	5	350-550T	

D: Telescopic arm 双截

SW3

Single Axis Servo Robot

单轴伺服机械手

Long life 长寿命

Light weight assembly reduces horizontal action burden. It thus reduces trouble frequentness of machine hand. It fulfills the longer life of machine hand. Fully sealing of electro-mechanical valve group resists oil stain, dust. It prolongs the service life.

轻量化的组件，减少对横行的负荷，因此降低机械手的故障频度，实现机械手更长寿命。

电磁阀组完全密封，避免油污，粉尘侵蚀，可增加使用之寿命

Highly secure 高安全性

Electric control circuit terminal wiring has no suspended interface. It removes corrosive interface and bad contact. Lower arm has inspection switch and anti-falling device. It is highly secure, stain, dust. It prolongs the service life.

电控线路终端配线无空中接头，避免接头腐蚀发生接触不良

手臂下段位置附带检知开关及防落装置，安全性高

Wide application 适用性广

Out-mold horizontal action can fulfill multi-point positioning. It suits later use with different requirements.

模外横行可实现多点定位，适应后序不同要求使用

Single-axis AC servo 单轴 AC 伺服

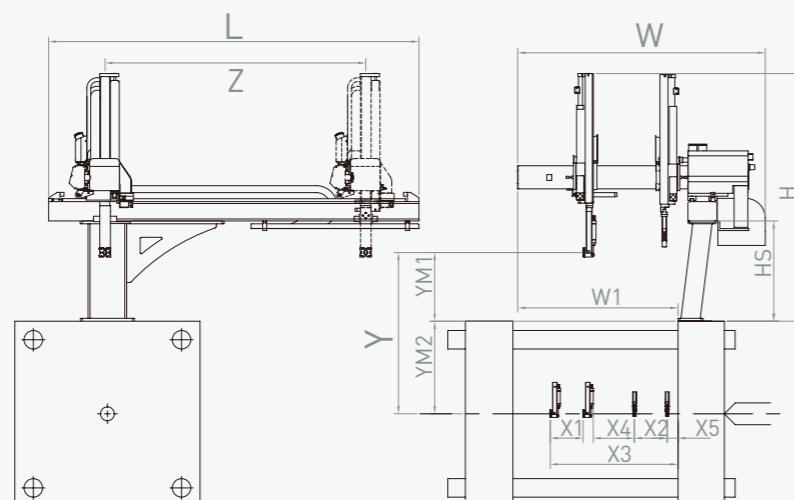
Internal single-axis AC servo closed-loop style control refill mechanism, instructive free edition style, convenient operation, multi-language menu style true color touch screen operation interface

内置单轴 AC 伺服闭环式控制加气动机构，教导式自由编辑程式操作便利，为多语种菜单式真彩触摸屏操作界面

Vertical telescopic arm for upper/lower stroke 双截式上下行程

Compact vertical telescopic arm suitable for lower ceiling factory. Double the moving speed.

双截式上下行程，采用倍速机构，速度快适应低厂房设计

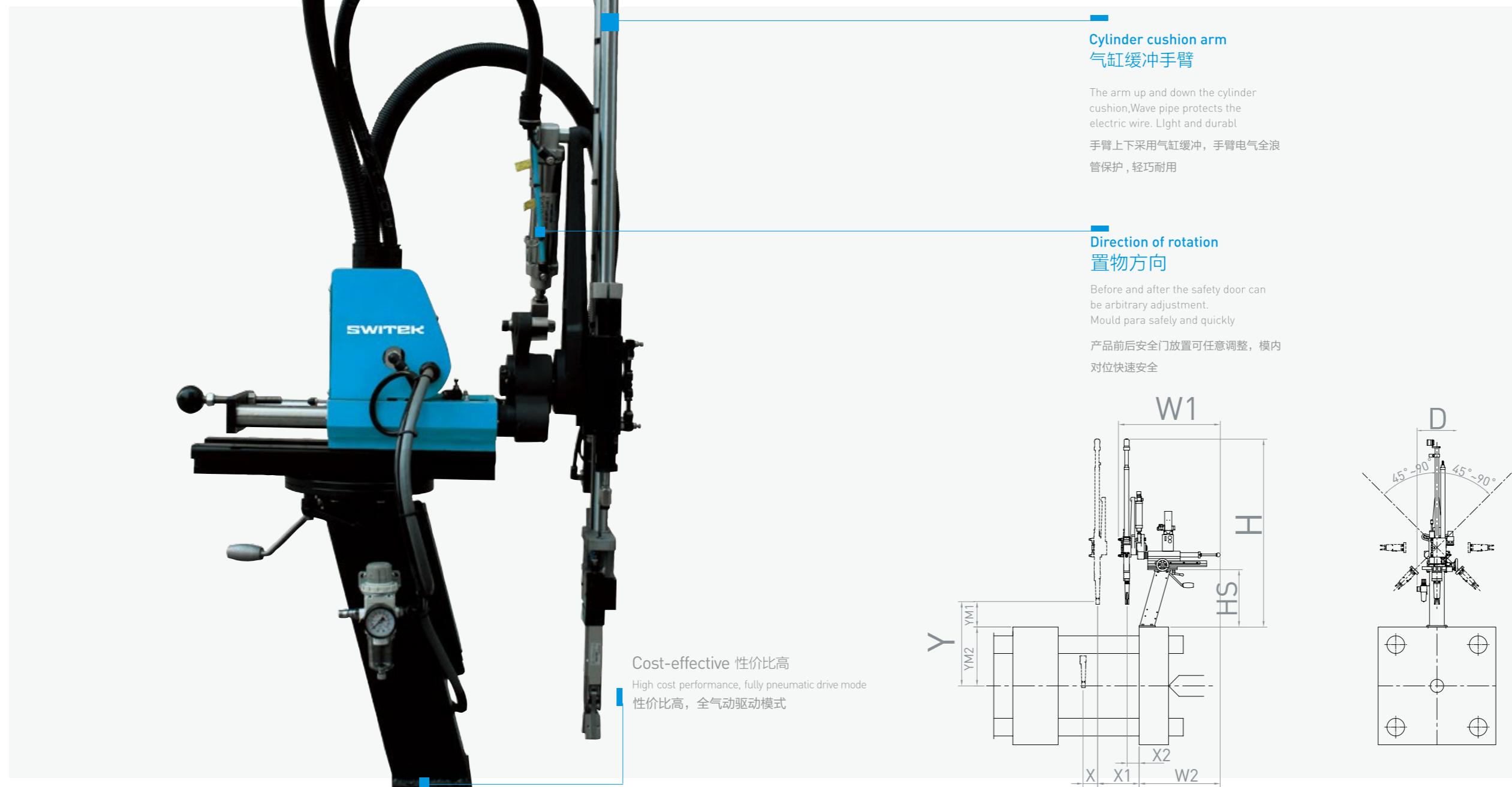


MODEL	X1	X2	X3	X4	X5	Y	YM1	YM2	W	W1	L	Z	H	Hs	payload/kgs (治具+产品)	I.m.m 适合射出机	DRY CYCLE TIME 空循环周期
SW3108DS	150	150	640	60	50	800	330	480	1230	770	1820	1280	1380	500	3	50-250T	
SW3110DS	150	150	700	60	50	1000	380	620	1290	830	1940	1400	1480	550	3	150-320T	8Sec

Optional 可选 D: Telescopic arm 双截 S: Single arm 单臂无料头臂

SW2

Sprue Picker
旋臂式机械手



Performance depends on the details

Using the casting process
采用铸件工艺
High-rigid, Vibration absorption
刚性高 吸震性好

Multiprogramming operating system
多程序操作
Built-in 20 kinds of standardization process
And 79 group of programmable program
内置 20 种标准化程序及 79 组可编程程序

20
Kinds
Standard programs
标准化程序

79
groups
Programmable Procedures
可编程程序

Model	X	X1	X2	Y	YM1	YM2	D	H	HS	W1	W2	payload/kgs (治具+产品)	l.m.m 适用射出机	DRY CYCLE TIME 空循环周期
SW255C	100	200	0	545	165	380	280	1300	390	670	550	2	20-150T	3.8Sec
SW257C	100	200	0	695	215	480	280	1450	440	670	550	2	20-150T	

C: Multi-funtions 全功能 (吸)

For the sake of customers is the key for SWITEK winning more partners trust.

为客户着想是赢得更多伙伴信赖的关键



SWITEK for partner to provide tailored automation solutions, in order to meet to create maximum value for customers.
思为客为合作伙伴提供量身定制的自动化解决方案，以满足为客户创造最大化价值。

01、SCHMALZ 01、德国施迈茨	02、KEBA 02、奥地利KEBA	03、LEGIRLS 03、法国乐可利
04、SCNNEIDER 04、法国施耐德	05、IGUS 05、德国易格斯	06、FESTO 06、德国费斯托
07、HUSKY 07、加拿大赫斯基	08、THK 08、日本帝业技凯	09、PANASONIC 09、日本松下
10、NSK 10、日本NSK	11、ELATECH 11、意大利意拉泰	12、KURODA 12、日本黑田精工
13、PMA 13、瑞士比玛	14、SMC 14、日本SMC	15、HYUNDAI 15、现代
16、OMRON 16、日本欧姆龙	17、ABB 17、瑞士ABB	18、DELTA 18、台湾台达

Reliable global service
值得信赖的全球范围服务



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USA / Mexico 美国 / 墨西哥

③ Oceania 大洋洲

New Zealand 新西兰
/ Australia 澳大利亚

④ Asia 亚洲

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Indonesia / Thailand / 印度 / 巴基斯坦 / 伊朗
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Croatia / Latvia / 维亚 / 英国 / 土耳其
Britain / Turkey

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Brazil / 巴西 / 委内瑞拉
Venezuela / Ecuador 厄瓜多尔