

**INTELLIGENT BLOW MOLDING
MACHINE PRODUCTION LINE**
智能中空吹塑生产线





A Global Supplier of Solutions on Extrusion Technology

金纬机械—全球挤出技术解决方案供应商

10+
驻海外办事处
Overseas offices

580+
技术研发&工程师
R&D Engineer

3,000+
金纬机械员工人数
Jwell Employee

14+
个制造基地
Manufacture Bases

500+
独家专利技术
Patents

1,000,000m²+
工厂面积 Plant Area



80年代初

金海螺第一代螺杆研制成功

In the early 1980s, the first generation screw of JINHAILUO was successfully developed

1997

上海金纬机械

Shanghai JWELL Machinery

2008

苏州金纬机械

Suzhou JWELL Machinery

2012

常州金纬机械

Changzhou JWELL Machinery

2018

贝克威尔(泰国)

Bkwell (Thailand)

2019

浙江金纬智能装备

Zhejiang JWELL Machinery

2020

金纬公司业绩突破50亿人民币

Jwell's annual sales exceeded CNY 5 billion

2021

滁州金纬机械

Chuzhou JWELL Machinery

2025

连续15年荣获中国塑料机械挤出行业排名首位

Ranked first in China's plastic machinery extrusion industry for 15 consecutive years

We Know
Extrusion



金纬机械成立于1997年，作为中国最大的挤出装备专业制造商之一，已连续15年荣获中国塑料挤出行业排名第一。经过持续稳健的发展，公司已构建起全球化的生产布局，在上海嘉定、浙江舟山、苏州太仓、广东东莞、常州溧阳、浙江海宁、广东佛山、安徽滁州、安徽全椒等国内多地以及泰国、西班牙、德国等地设立了14个现代化生产基地。

目前，公司拥有4000余名专业员工，年产能超过5000台（套）高端塑料挤出生产线。依托强大的研发团队、资深技术专家队伍、先进的加工制造基地和标准化装配车间，我们持续为客户提供高效、稳定、智能化的塑料加工整体解决方案。

秉承“用心持久、拼搏创新”的企业精神，我们不断突破技术边界，拓展挤出新领域。诚邀国内外新老客户莅临考察、合作共赢！期待与您携手，共创行业未来！



公司产品已遍布全国各地，并出口到德国、意大利、西班牙、日本、印度、韩国、印尼、中东、非洲和南美洲等100多个国家和地区，深受客户好评。

“品质卓越 完美如一”

是金纬公司的质量方针，是全体员工努力的方向。

“诚实待人”

是我们铸就“百年金纬”的核心理念。

董事长：何海潮

Email: he@jwell.cn

President: He Haichao

Mobile: +86 13601628188



电动中空成型机

Electric Blow Molding Machine



性能和优点:

- ◎全电系统，节能环保，比液压机节能50%~60%。
- ◎采用伺服电机驱动，运动精度高、响应速度快、启停平稳无冲击。
- ◎采用现场总线控制，整机全集成系统，可实时监控主机、辅机的运行数据，实现了大数据的采集和管理功能。
- ◎壁厚多点动态调整曲线、数据自动拟合、型胚圆滑过渡。
- ◎挤出机采用高效螺杆，产量高、能耗低。
- ◎采用Jwell第五代U型锁模结构，锁模力均匀稳定。
- ◎产品成型周期短，设备冷却性能高。
- ◎全自动生产，有效减少人员成本与管理成本。
- ◎无泄漏，设备噪音低，适合食品、医药、化妆品等对洁净要求高的产品。
- ◎开合模、移模维护简单、成本低，可实现大扭矩控制。

Performance and advantages:

- ◎Full electric system, energy saving and environmental protection, 50%~60% energy saving comparing to hydraulic system.
- ◎Servo motor drive, high movement accuracy, fast response, stable start and stop without impact.
- ◎Using fieldbus control, the whole machine is integrated into the system, which can monitor the running data of the host and auxiliary machine in real time, and realize the collection and data management.
- ◎Multi-point dynamic adjustment curve of wall thickness, automatic data fitting, smooth transition of type embryo.
- ◎The extruder adopts high efficiency screw, high output, low energy consumption.
- ◎Using Jwell fifth generation U type clamping structure, clamping force uniform and stable.
- ◎Short molding cycle and high cooling performance.
- ◎Automatic production, effectively reduce personnel costs and management costs.
- ◎No leakage, low noise equipment, suitable for food, medicine, cosmetics and other products with high requirements for cleanliness.
- ◎Mold moving system simple maintenance, low cost, can achieve large torque control.



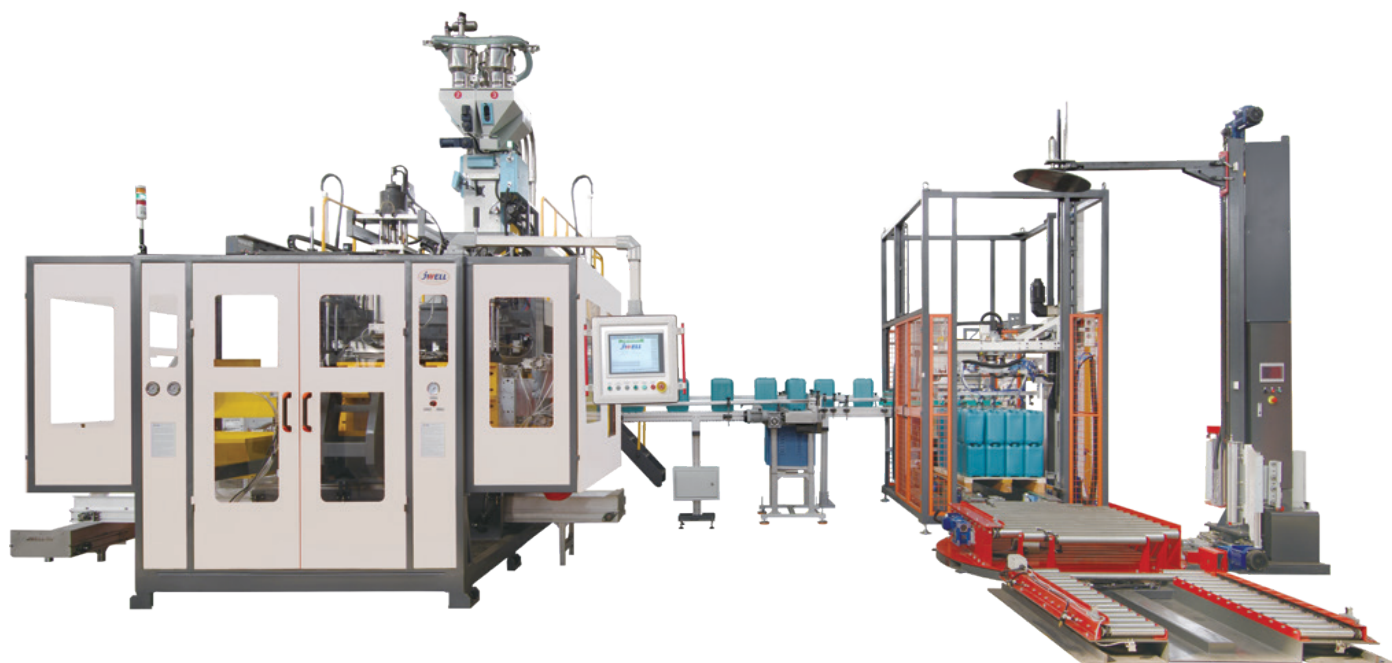
技术参数 Technical Parameter

名称	Model	Unit	EBM420D	EBM520D	EBM650D	EBM850D	EBM1100D
主螺杆直径	Main screw diameter	mm	65	80	75/90	90/100	100
螺杆长径比	Screw L/D		25/1	25/1	30/1--25/1	30/1--25/1	28/1
挤出量	Max capacity(PE)	kg/h	70-90	100-110	120-140	150-170	210-230
模板尺寸	Platen size W*H	mm	330X286	420X390	600X400	760*400	1050*400
模具厚度	Mould thickness	mm	2*70	2*120	2*130	2*200	2*130
开模行程	Clamp stroke(max.mm)	mm	180	250	320	340	400
移模行程	Plate moving distance	mm	420	520	650	850	1100
锁模力	Clamping force	KN	50	80	180	240	500
空循环	Dry cycle	second	2.9	3.2	4	4.8	6

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM02D/05D/12D/20D双工位中空成型机

BM02D/05D/12D/20D Double Station Blow Molding Machine



JWZ-BM02&02D模头中心距
JWZ-BM02&02D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance										
		L	W	H	L	W	H	ØD	H	A	H
		155	90	220	155	90	220	100	220	100	220
	130	95	95	220	95	95	220	95	220	95	220
	85				65	65	220	65	220	65	220
	60/65				50	50	120	50	120	50	120

JWZ-BM05&05D模头中心距
JWZ-BM05&05D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance												
		L	W	H	L	W	H	ØD	H	A	H		
		230	140	300	230	140	300	140	300	140	300		
	160	140	80	200	150	80	200	140	200	140	200		
	110				85	85	220	85	220	85	220		
	80							70	200	70	200		

JWZ-BM12&12D模头中心距
JWZ-BM12&12D Die-head Center Distance

模腔数 Number of cavity	中心距 Center distance												
		L	W	H	L	W	H	ØD	H	A	H		
		250	180	300	250	180	300	240	300	240	300		
	240	210	110	250	210	110	250	180	250	180	250		
	160				130	90	220	120	220	120	220		
	120							90	200	90	200		

性能和优点:

- ◎采用连续式模头，模头换料、换色、排渣、拆卸和清洗方便。
- ◎可选配多层共挤。
- ◎可选配液位线挤出。
- ◎可选配移模伺服电机控制。
- ◎按照制品规格大小，选配多模头挤出系统。
- ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
- ◎按照客人要求、选配于制品自动去飞边、飞边在线输送、制品在线测漏、输送、打包等，减少人工本，提高生产效率。

Performance and advantages:

- ◎ Adopting a continuous die head, the die head is easy to change materials, colors, slag, disassemble and clean.
- ◎ Optional multi-layer co extrusion.
- ◎ Optional liquid level line extrusion.
- ◎ Optional mold moving servo motor control.
- ◎ Select a multi-die head extrusion system according to the product specifications and size.
- ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
- ◎ According to customer requirements, automatic trimming, online trimming conveyor, online leakage control, conveying, and packaging of products can be selected to reduce labor costs and improve production efficiency.



技术参数 Technical Parameter

型号	Model	Unit	BM02D	BM05D	BM12D	BM20D
制品最大容积	Max product volume	L	2	5	12	20
机器空循环	Dry cycle	Pc/h	900*2	700*2	600*2	600*2
机头结构	Die head structure		连续式 Continuous type			
主螺杆直径	Main screw diameter	mm	65	75	90	90
最大塑化能力	Max capacity (PE)	kg/h	70	90	160	160
绞料电机功率	Driving motor	Kw	22	30	45	45
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	11	15	18.5	18.5
锁模力	Clamping force	KN	40	70	120	160
模板开距	Space between platen	mm	138-368	150-510	240-640	280-680
模板尺寸	Platen size W*H	mm	286*330	420*390	520*490	500*520
最大模具尺寸	Max.mould size	mm	300*350	420*390	540*490	560*520
移模行程	Platen moving distance	mm	420	450/520	600/650	650
机头加热功率	Heating power of die head	Kw	6	7.5	10	12.5
机器外形尺寸	Machine dimension L*W*H	m	3.0*1.9*2.4	3.7*3.1*2.7	4.2*3.2*3.0	4.3*3.2*3.1
机器总重量	Machine weight	T	5	8.5	12	14
装机总功率	Total power	Kw	45	60	90	93

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM30D中空成型机

BM30D Blow Molding Machine



性能和优点:

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
- ◎采用连续式模头，模头换料、换色、排渣、拆卸和清洗方便。
- ◎电脑智能控制系统，操作、设置和修改生产程序方便。
- ◎可选配多层共挤。
- ◎可选配液位线挤出。
- ◎可选配移模伺服电机控制。
- ◎按照制品规格大小，选配多模头挤出系统。
- ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
- ◎按照客人要求、选配于制品自动去飞边、飞边在线输送、制品在线测漏、输送、打包等，减少人工本，提高效率。

Performance and advantages:

- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the characteristics of different plastics.
- ◎ Adopting a continuous die head, the die head is easy to change materials, colors, slag, disassemble and clean.
- ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
- ◎ Optional multi-layer co extrusion.
- ◎ Optional liquid level line extrusion.
- ◎ Optional mold moving servo motor control.
- ◎ Select a multi-die head extrusion system according to the product specifications and size.
- ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
- ◎ According to customer requirements, automatic trimming, online trimming conveyor, online leakage control, conveying, and packaging of products can be selected to reduce labor costs and improve efficiency.



技术参数 Technical Parameter

型号	Model	Unit	BM30D
制品最大容积	Max product volume	L	30
机器空循环	Dry cycle	Pc/h	450*2
机头结构	Die head structure		连续式 Continuous type
主螺杆直径	Main screw diameter	mm	100
最大塑化能力	Max capacity (PE)	kg/h	190
绞料电机功率	Driving motor	Kw	55
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	22
锁模力	Clamping force	KN	300
模板开距	Space between platen	mm	450-900
模板尺寸	Platen size W*H	mm	600*640
最大模具尺寸	Max.mould size	mm	500*600
移模行程	Platen moving distance	mm	800
机头加热功率	Heating power of die head	Kw	20
机器外形尺寸	Machine dimension L*W*H	m	5.6*4.8*4.5
机器总重量	Machine weight	T	18
装机总功率	Total power	Kw	125

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM30三层四工位中空成型机

BM30 Three-layer Four Station Blow Molding Machine

性能和优点 Performance and advantages

- ◎适用于生产10–30L各种堆码桶。
 - ◎采用连续式挤出机头，上吹结构，便于制品自动去飞边、飞边在线输送、制品在线测漏、输送等，减少人工成本，提高生产效率。
 - ◎选配多层共挤出系统。
 - ◎选配液位线挤出系统。
 - ◎可升级为全电方案。
- ◎Suitable for producing 10–30L different size Chemical packaging jerrycan.
- ◎Adopt continuous type die head, up-blowing structure, convenient for product auto-deflashing on-line, flash conveying on-line, finished product leak testing on-line, conveying ,etc. Reducing the labor cost and increasing the production efficiency.
- ◎Optional multi-layer co-extrusion system.
- ◎Optional view strip line system.
- ◎Can be upgraded to all-electric solution.



技术参数 Technical Parameter

型号	Model	Unit	BM30
制品最大容积	Max product volume	L	30
工位数	Station number	Pc/h	4
机头结构	Die head structure		连续式 Continuous type
主螺杆直径	Main screw diameter	mm	100/120/100
最大塑化能力	Max plasticizing capacity (PE)	kg/h	780
绞料电机功率	Driving motor	Kw	75/110/75
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	22
锁模力	Clamping force	KN	240
模板开距	Space between platen	mm	450-950
模板尺寸	Platen size W*H	mm	600*640
最大模具尺寸	Max.mould size	mm	580*640
机头加热功率	Heating power of die head	Kw	25
装机总功率	Total power	Kw	410

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM50连续式中空成型机

BM50 Continuous Blow Molding Machine

性能和优点 Performance and advantages

- ◎适用于生产15–60L各种堆码桶、广口桶等化工包装桶。

◎采用高产量挤出系统，连续式挤出模头。

◎选配液位线挤出系统。

◎选配双层或者三层。

◎按照原料情况，可选配JW–DB板式单工位液压换网系统。

◎按照客人要求、选配于制品自动去飞边、飞边在线输送、制品在线测漏、输送等，减少人工本，提高效率。
- ◎ Suitable for producing 15–60L jerrycan, open top drum etc.

◎ Adopting continuous type die head, high output extrusion system.

◎ Optional view strip line system.

◎ Optional double layer / three layer co–extrusion system.

◎ According to the raw material situation, JW–DB plate type single station hydraulic screen changing system can be option–ally selected.

◎ According to customer requirements, automatic trimming, online trimming conveyor, online leakage control, conveying, and packaging of products can be selected to reduce labor costs and improve efficiency.



技术参数 Technical Parameter

型号	Model	Unit	BM50	BM50
制品最大容积	Max product volume	L	50	50
层数	Layer		Double layer 双层	Three layer 三层
机头结构	Die head structure		连续式 Continuous type	
主螺杆直径	Main screw diameter	mm	70/26*2	70/26*1+60/25*2
最大塑化能力	Max plasticizing capacity (PE)	kg/h	200	260
绞料电机功率	Driving motor	Kw	30*2	30*1+22*2
储料缸容量	Accumulating volume	L	18.5	18.5
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	21	21
锁模力	Clamping force	KN	400	400
模板开距	Space between platen	mm	450-1250	450-1250
模板尺寸	Platen size W*H	mm	900*900	900*900
最大模具尺寸	Max.mould size	mm	700*700	700*700
机头加热功率	Heating power of die head	Kw	18	18
机器外形尺寸	Machine dimension L*W*H	m	6.2x5x4.5	6.2x5x4.5
机器总重量	Machine weight	T	15	16
装机总功率	Total power	Kw	109	149

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM30/50/100中空成型机

BM30/50/100 Blow Molding Machine

性能和优点 Performance and advantages

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
 - ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
 - ◎电脑智能控制系统，操作、设置和修改生产程序方便。
 - ◎选配下包封、制品顶出、抽芯等动作元件。
 - ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
 - ◎选配双层共挤出系统。
 - ◎可根据制品大小定制模板规格尺寸。
-
- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the characteristics of different plastics.
 - ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
 - ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
 - ◎ Optional upper parsion close unit, product ejection, core pulling and other action components.
 - ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be optionally selected.
 - ◎ Optional double-layer co extrusion system.
 - ◎ Template specifications and sizes can be customized according to the size of the product.



技术参数 Technical Parameter

型号	Model	Unit	BM30	BM50	BM50	BM100
制品最大容积	Max product volume	L	30	50	50	100
层数	Layer		Single Layer单层 Double layer 双层			
机头结构	Die head structure		储料式 Accumulating type			
主螺杆直径	Main screw diameter	mm	780	80	90	60*2 70*2 100/25 100/30
最大塑化能力	Max plasticizing capacity(PE)	kg/h	120	150	200	160 200 200 240
绞料电机功率	Driving motor	Kw	37	37	45	22*2 30*2 55 90
储料缸容量	Accumulating volume	L	5.2	5	6.6	5 6.6 12
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	22	21	21	22
锁模力	Clamping force	KN	280	400	400	600
模板开距	Space between platen	mm	400-900	450-1250	450-1250	500-1300
模板尺寸	Platen size W*H	mm	740*740	900*900	900*900	1100*1100
最大模具尺寸	Max.mould size	mm	550*650	700*700	700*700	900*900
机头加热功率	Heating power of die head	Kw	20	18	18	28
机器外形尺寸	Machine dimension L*W*H	m	4.3*2.2*3.5	6.7x3.5x4	6.7x3.5x4	5.5x3.5x4
机器总重量	Machine weight	T	12	15	15	16
装机总功率	Total power	Kw	95	109	109	138

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM160/230中空成型机

BM160/230 Blow Molding Machine

性能和优点 Performance and advantages

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
 - ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
 - ◎电脑智能控制系统，操作、设置和修改生产程序方便。
 - ◎选配多功能下吹、下包封、制品顶出、抽芯等动作元件。
 - ◎按照原料情况，可选配JW–DB板式单工位液压换网系统。
 - ◎选配双层共挤出系统。
 - ◎可根据制品大小定制模板规格尺寸。
-
- ◎ Adopting a high–yield extrusion system, different screw and die core rod, and channel styles can be designed according to the charac teristics of different plastics.
 - ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
 - ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
 - ◎ Optional multifunctional bottom blow and parsion close unit, product ejection, core pulling and other action components.
 - ◎ According to the raw material situation, JW–DB plate type single station hydraulic screen changing system can be option–ally selected.
 - ◎ Optional double–layer co extrusion system.
 - ◎ Template specifications and sizes can be customized according to the size of the product.



技术参数 Technical Parameter

型号	Model	Unit	BM160		BM230
制品最大容积	Max product volume	L	160		230
层数	Layer		Single Layer 单层		Three layer 三层
机头结构	Die head structure		储料式 Accumulating type		
主螺杆直径	Main screw diameter	mm	100/25	100/30	90/26*2+70/26*1
最大塑化能力	Max plasticizing capacity(PE)	kg/h	200	240	450-500
绞料电机功率	Driving motor	Kw	55	90	75*2+37
储料缸容量	Accumulating volume	L	12		25
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	30		30
锁模力	Clamping force	KN	600		900
模板开距	Space between platen	mm	500-1500		750-1750
模板尺寸	Platen size W*H	mm	1200*1400		1250*1450
最大模具尺寸	Max.mould size	mm	1000*1400		1050*1500
机头加热功率	Heating power of die head	Kw	28		32
机器外形尺寸	Machine dimension L*W*H	m	5.5x3.5x4		8.2x5.4x6
机器总重量	Machine weight	T	16		25
装机总功率	Total power	Kw	138		320

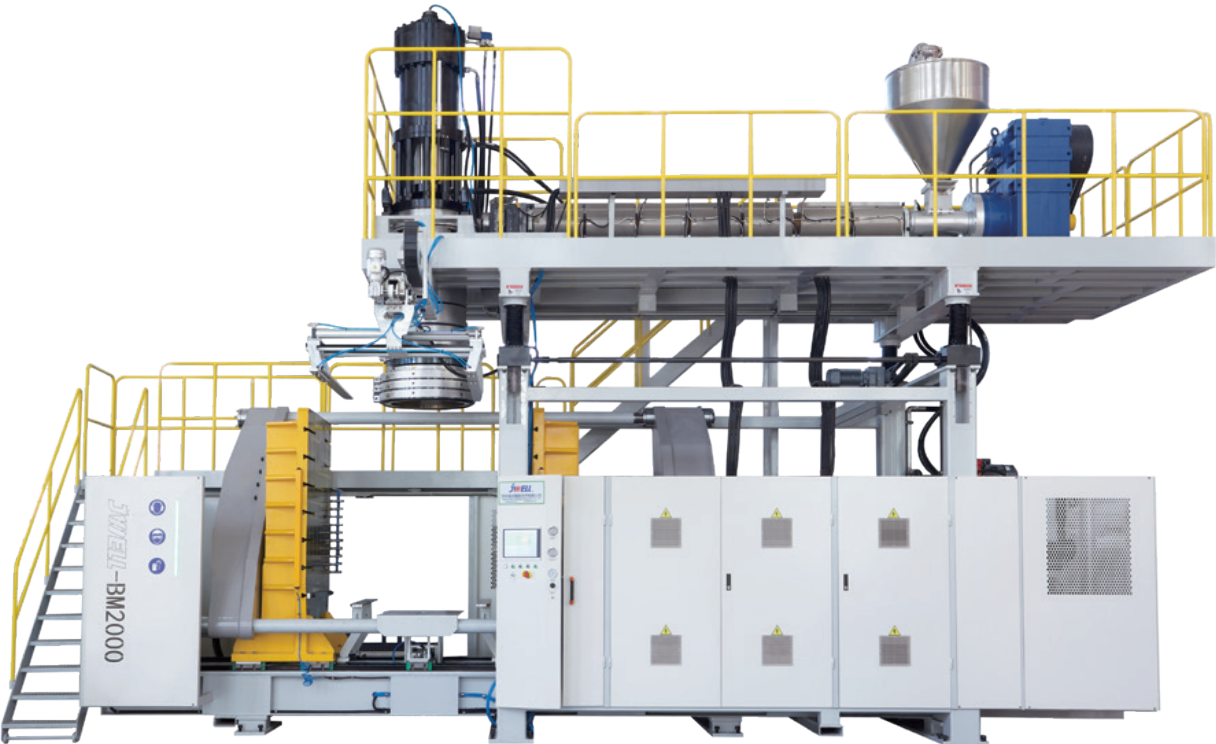
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM1000/2000/5000中空成型机

BM1000/2000/5000 Blow Molding Machine

性能和优点 Performance and advantages

- ◎采用高产量挤出系统，能根据不同塑料的特性，设计不同的螺杆和模头芯棒、流道款式。
 - ◎采用储料式模头，模头换料、换色、排渣、拆卸和清洗方便。
 - ◎电脑智能控制系统，操作、设置和修改生产程序方便。
 - ◎选配多功能下吹、下包封、制品顶出、抽芯等动作元件。
 - ◎按照原料情况，可选配JW-DB板式单工位液压换网系统。
 - ◎选配双层共挤挤出系统。
 - ◎可根据制品大小定制模板规格尺寸。
-
- ◎ Adopting a high-yield extrusion system, different screw and die core rod, and channel styles can be designed according to the charac-teristics of different plastics.
 - ◎ Adopting a accumulating type mold head, the mold head is easy to change materials, colors, slag, disassemble and clean.
 - ◎ Computer intelligent control system, easy to operate, set up, and modify production programs.
 - ◎ Optional multifunctional bottom blow and parsion close unit, product ejection, core pulling and other action components.
 - ◎ According to the raw material situation, JW-DB plate type single station hydraulic screen changing system can be option-ally selected.
 - ◎ Optional double-layer co extrusion system.
 - ◎ Template specifications and sizes can be customized according to the size of the product.



技术参数 Technical Parameter

型号	Model	Unit	BM1000	BM2000	BM5000
制品最大容积	Max product volume	L	500	1000	5000
机器空循环	Dry cycle	Pc/h	250	155	150
机头结构	Die head structure	储料式 Accumulating type			
主螺杆直径	Main screw diameter	mm	120/135	120*2	120/32*2
最大塑化能力	Max plasticizing capacity (PE)	kg/h	400	700	800-900
绞料电机功率	Driving motor	Kw	132/160	132*2	132*2
储料缸容量	Accumulating volume	L	45/60	75/90	120
油泵电机功率(伺服)	Oil pump motor power(Servo)	Kw	45	45	45*2
锁模力	Clamping force	KN	1300	1800	4000
模板开距	Space between platen	mm	950-2000	1000-2700	1200-4000
模板尺寸	Platen size W*H	mm	1600*1600	1800*1800	1960*5000
最大模具尺寸	Max.mould size	mm	1400*1600	1600*1800	1800*5200
机头加热功率	Heating power of die head	Kw	50	65	100
机器外形尺寸	Machine dimension L*W*H	m	10.4*8.2*6.5	14*12*8.5	13.1*5.5*10.6
机器总重量	Machine weight	T	45	70	110
装机总功率	Total power	Kw	265/325	460	480

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM1000 IBC中空成型机

BM1000 IBC Blow Molding Machine

性能和优点 Performance and advantages

- ◎适用于生产500–1200LIBC吨桶等。
- ◎采用高产量挤出系统，储料式模头，液压伺服控制系统。
- ◎ Suitable for producing 500–1200L drum.
- ◎ Adopt high output extrusion system,accumulating type die head,hydraulic servo control system.



技术参数 Technical Parameter

型号	Model	Unit	BM1000
制品最大容积	Maxproductvolume	L	1000
层数	Layer		Double Layer 双层
机头结构	Die head structure		储料式 Accumulating type
主螺杆直径	Mainscrew diameter	mm	120*2
最大塑化能力	Maxplasticizingcapacity(PE)	kg/h	650
绞料电机功率	Driving motor	Kw	132*2
储料缸容量	Accumulating volume	L	45
油泵电机功率(伺服)	Oilpumpmotorpower(Servo)	Kw	30
锁模力	Clamping force	KN	1200
模板开距	Space between platen	mm	800-2800
模板尺寸	Platen size W*H	mm	1500*1800
最大模具尺寸	Max.mould size	mm	1300*1600
机头加热功率	Heating power of die head	Kw	84
机器外形尺寸	Machinedimension L*W*H	m	11.5*7*6.5
机器总重量	Machine weight	T	50
装机总功率	Total power	Kw	350

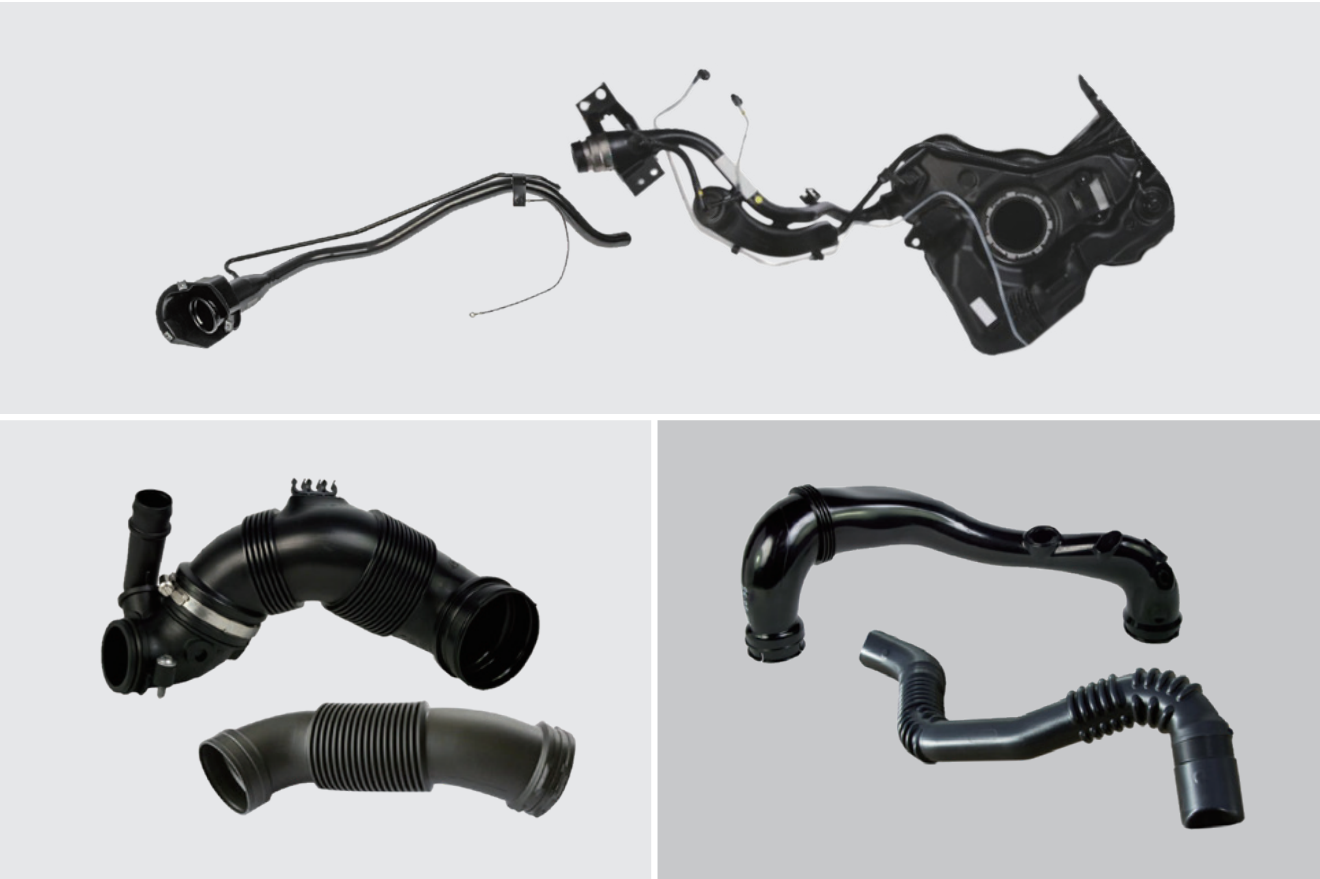
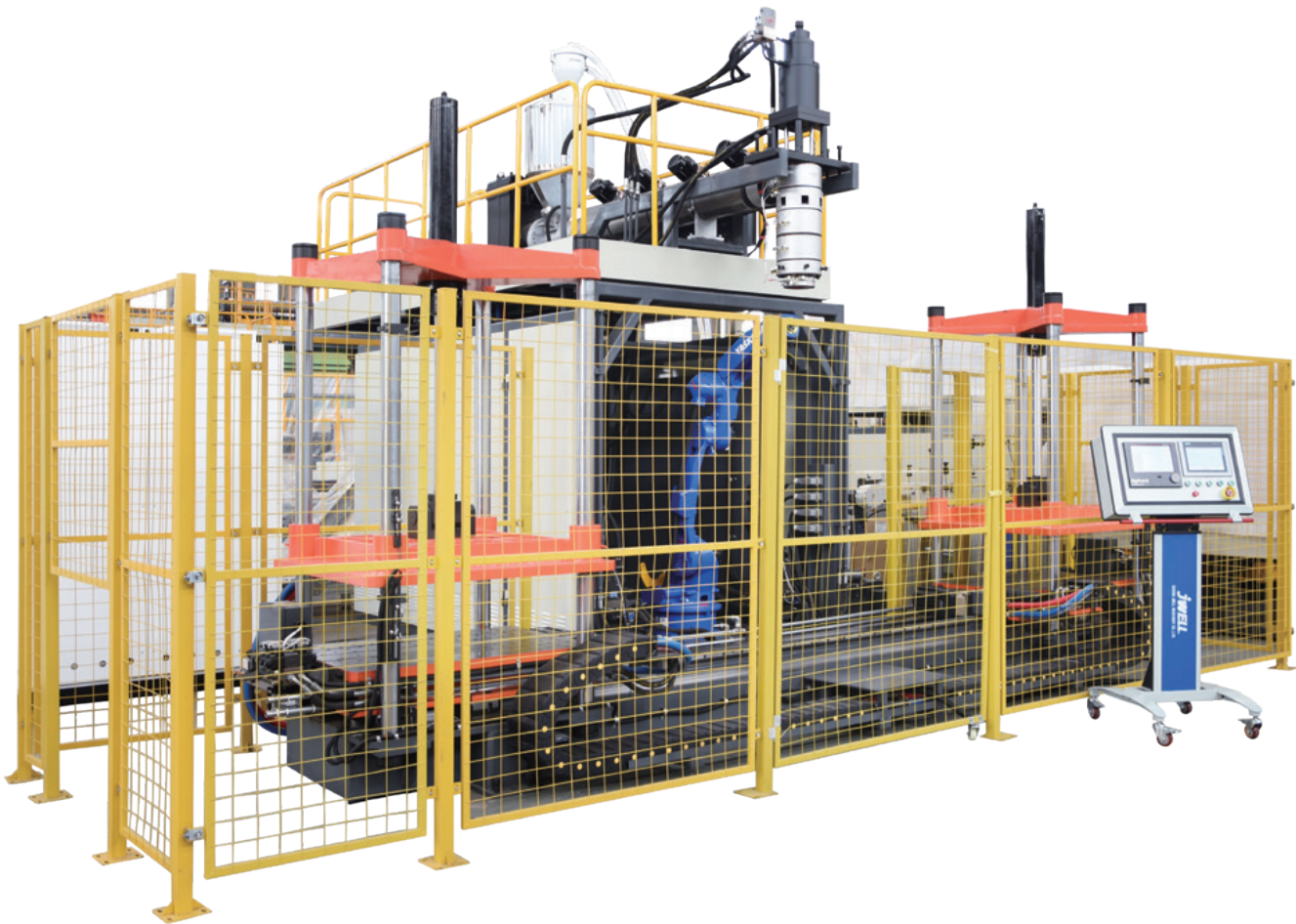
备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

BM3D三维中空成型机

BM3D Three-dimensional Blow Molding Machine

性能和优点 Performance and advantages

- ◎适用于生产各种异形管件制品，如汽车进气管、注油管等。
 - ◎产品无飞边或少飞边，增加制品强度。
 - ◎采用高产量挤出系统，储料式模头。
 - ◎选配上包封、制品顶出、抽芯等动作元件。
 - ◎可根据制品大小定制模板规格尺寸。
 - ◎液压伺服控制系统。
- ◎Suitable for producing different car shaped pipe fittings products like the automotive oil filler pipe, air ducts pipe and others.
- ◎Finished product less or without scrap for strong strength.
- ◎Adopt high output extrusion system, accumulating die head.
- ◎Optional action elements such as upper encapsulation, product ejection, and core pulling.
- ◎Template size can be customized according to product size.
- ◎Hydraulic servo control system.



技术参数 Technical Parameter

型号	Model	Unit	BM 3D-1000(机械手)	BM-100 3D(真空吸入)
主螺杆直径	Main screw diameter	mm	65	80
螺杆长径比	Screw L/D	----	25:1	25:1
螺杆转速	Screw rpm	r/min	25-75	25-75
挤出量	Max plasticizing capacity(PE)	kg/h	65-75	100-120
模板尺寸	Platen size W*H	mm	800*1200	1020*1500
模具厚度	Mould thickness	mm	450	600
锁模力	Clamping force	KN	75	280
空循环	Dry cycle	S	20	10
移模行程	Platen moving stroke	mm	1800	360

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

无菌包装吹灌封（BFS）系统

Blowing-Filling-Sealing (BFS) System



BFS吹灌封一体机是采用一种专用无包装技术，连续操作，将医用聚乙烯(PE)或聚丙烯(PP)颗粒制成容器，全自动地完成灌装封口过程，快速地连续循环生产。它是将数个药品生产工艺集成在同一设备中，以单一工序在无菌状态下完成塑料容器的整改吹塑、灌装和封口等过程，能有效保证药品的使用安全，该设备具有生产成本和管理成本低，无菌稳定性好，成品内在质量高，产品交叉污染率小等优点，可广泛应用在滴眼剂，气雾剂，吸入剂，注射剂，消毒液，大输液等制药行业，同时也用于食品和化工行业等塑料容器的无菌包装。

Blowing-Filling-Sealing (BFS) Machine adopts a specialized packaging free technology, continuous operation, to make medical polyethylene (PE) or polypropylene (PP) particles into containers, fully automatic filling and sealing process, and fast continuous cycle production. It integrates several drug production processes into the same equipment to complete the rectification, blow molding, filling, and sealing of plastic containers in a single sterile state, effectively ensuring the safety of drug use. This equipment has the advantages of low production and management costs, good aseptic stability, high internal quality of the finished product, and low cross contamination rate of the product. It can be widely used in the pharmaceutical industry such as eye drops, aerosols, inhalers, injections, disinfectants, and large infusion, It is also used for aseptic packaging plastic containers in the food and chemical industries.

小容量产品：主要用于小容量注射剂、滴眼液、滴耳液、气雾剂、吸入剂、麻醉剂、化妆品及食品产品，装量范围0.1ml-20ml，产量取决于灌装量及模具腔数。

Small capacity products: Mainly used for small volume injections, eye drops, ear drops, aerosols, inhalers, anesthetics, cosmetics, and food products, with a filling volume range of 0.1ml-20ml. The out put depends on the filling volume and the number of mold cavities.



主要技术参数 Main technical parameters

型号 Model	JW-BFS-C15S-I/II		JW-BFS-C25S-I/II		JW-BFS-C40S-I/II		JW-BFS-C60S-I/II	
最大容量(ml) Max.capacity	2ml	10ml	2ml	10ml	2ml	10ml	2ml	10ml
模具腔数 Mould cavity	15支	10支	25支	15支	40支	25支	60支	40支
最大容器宽度(mm) Max.container width	10mm	15mm	10mm	15mm	10mm	15mm	10mm	15mm
产能/时I-单模 Output/hour I-single mould	6000(9s)	4000(9s)	10000(9s)	6000(9s)	16000(9s)	10000(9s)	21600(10s)	14400(10s)
	6750(8s)	4500(8s)	11250(8s)	6750(8s)	18000(8s)	11250(8s)	24000(9s)	16000(9s)
产能/时II-上下双模 Output/hour II-double mould	12000(9s)	8000(9s)	20000(9s)	12000(9s)	32000(9s)	20000(9s)	43200(10s)	28800(10s)
	13500(8s)	9000(8s)	22500(8s)	13500(8s)	36000(8s)	22500(8s)	48000(9s)	32000(9s)

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

无菌包装吹灌封（BFS）系统

Blowing-Filling-Sealing (BFS) System



螺杆将粒子塑化连续挤出通过模头形成管胚。管胚内有无菌空气支撑。塑料热融和挤出温度170~220度，是经过实证的无菌挤出和去热源工艺。

The screw extrudes the plasticized particles continuously through the mold end to form the tube embryo. The tube embryo is supported by sterile air. The temperature of plastic melted and extruded is 170~220 degrees.



模具在挤出工位合模后快速移动到吹瓶/灌装工位，A级风淋装置中对吹瓶、灌装和封口工位进行保护。通过真空或无菌压缩空气按照模具的形状，把塑料原料成型容器。

The mould is quickly moved to the bottle blowing/filling station after the extruding-station. The bottle blowing, filling and sealing stations are protected in the A-class air shower device. The plastic material is formed into a container through vacuum or sterile compressed air in the shape of mold.



通过时间压力阀将药液灌装至容器里，并排出无菌空气。药液经过的管路在灌装之前进行在线 CIP 和 在线灭菌 SIP，确保药液安全性。

Through the time pressure valve, the liquid is filled into the container and sterile air is discharged. The pipeline can be CIP and SIP shall before filling, ensures safety of medicine.



灌装结束后，模具顶部和开口保持架之间的塑料处于半融化状态，将封口模具合闭，形成容器的顶部，并使瓶子密封。

After filling, the plastic between the top of the mold and the open cage is in a semi-melted state. Close the sealing mold to form the top of the container and seal the bottle.



瓶子封口结束后模具打开，已经完成成型、灌装并密封的瓶子被送出机器，进行切边。

After sealing,the mould is opened, bottles have been formed, filled and sealed are sent out of the machine for trimming.

大容量产品：主要用于静脉注射剂、消毒液、清洗剂、大输液等产品，装量范围50ml-1L，产量取决于灌装量及模具腔数。

Large capacity products: Mainly used for intravenous injections, disinfectants, cleaning agents, large infusion products, etc., with a filling volume range of 50ml-1L, and the output depends on the filling volume and the number of mold cavities.



主要技术参数 Main technical parameters

设备型号 Machine type	JW-BFS-R06-S			JW-BFS-R08-S		JW-BFS-R06-D			JW-BFS-R08-D	
最大容量(ml) Max.capacity	250	500	1000	100	500	250	500	1000	100	500
模具腔数 Mould cavity	6腔	6腔	6腔	8腔	8腔	6腔*2	6腔*2	6腔*2	8腔*2	8腔*2
产能/时 Output/hour	1300	1150	1000	1700	1900	2000	1800	1600	3100	2700

备注：以上规格参数如有变更，恕不另行通知。Note:The specifications are subject to change without prior notice.

辅机选配
Auxiliary Equipment Selection



破碎机 Crusher



混色机 Mixer



模具 Mold



废边输送带(平送+提升) Conveyor for the flash



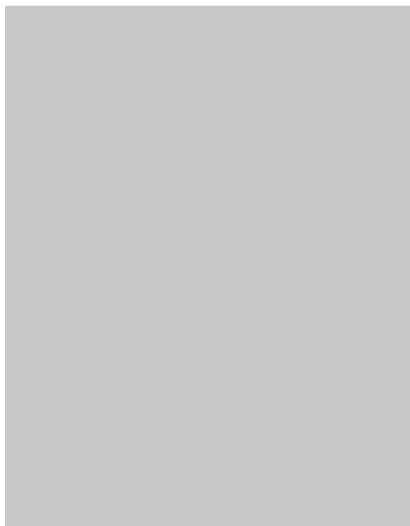
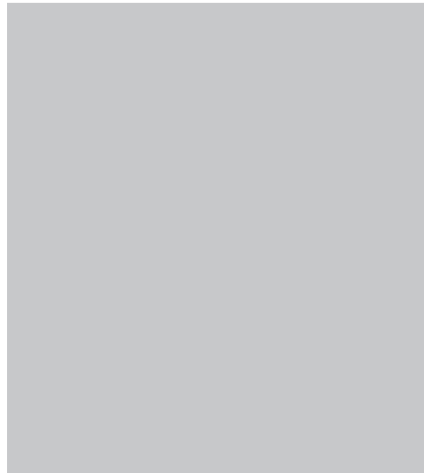
冷水机 Chiller



模内贴标机 (IML)



制品输送带 Product conveyor



自动打包机 Automatic packaging machine



多组份称重/混料/上料系统
Multi-component weighing, mixing, feeding system



测漏机 Leakage test machine



挤出机械物联网 + 智能制造解决方案

方案 1 免费体验版（适用于有变频器的设备）
Programme 1 Free experience Edition(suitable for equipment with Inverter)

- 具备功能：
- 1. 可以监测主机实时电流及电流曲线。
 - 2. 可以在手机上查看数据信息。
- Function：
- 1. Monitor the current Electricity and Electricity curve
 - 2. Monitor the data by the phone.

- 方案优点
- 1. 随时了解自己设备的开机情况。
 - 2. 电流曲线记录，可以展示给最终客户，用于说明管材或型材制品生产状态稳定，质量可靠。
 - 3. 非 PLC 系统的生产线同样可以安装。
- Program advantage:
- 1. Controlling equipment situation at any time.
 - 2. Showing the Electricity curve to final customer,that is used to explain the stable production state and reliable quality of pipe or profile products.
 - 3. Non-PLC system also can be installed in the production line.

方案 2 精优版（仅适用于 PLC 系统设备）
Programme 2 excellent Edition (suitable for equipment with PLC control system)

- 具备功能
- 1. 可以监测主机电流。
 - 2. 可以监测主机温度。
 - 3. 可以监测主机电能。
 - 4. 可以监测主机每吨物料能耗（目前仅支持有米重控制的设备）。
 - 5. 可以在手机上查看数据信息。
- Function:
- 1. Monitor the main Extruder Electricity.
 - 2. Monitor the main Extruder Temperature .
 - 3. Monitor the main Extruder Power.
 - 4. Monitor the energy consumption per ton of material(now just support the meter weight control).
 - 5. Monitor the data by the phone.

- 方案优点
- 1. 随时了解自己设备的开机情况。
 - 2. 随时了解机器的能耗核算出开机成本。
 - 3. 可向最终客户展示电流曲线、米重曲线等数据，用于说明管材或型材制品生产状态稳定，质量可靠。
- Program advantage:
- 1. Controlling equipment situation at any time.
 - 2. Monitor the energy consumption of material and calculating the cost of running machine.
 - 3. Showing the Electricity curve , meter weight curve data and so on ,that is used to explain the stable production state and reliable quality of pipe or profile products.

方案 3 精细版（适用于有 PLC 系统或工控机设备）
Programme 3 detail Edition(Suitable for PLC control system or Industrial control machine equipment)

- 具备功能：
- 1. 可以监测主机电流。
 - 2. 可以监测主机温度。
 - 3. 可以监测主机电能。
 - 4. 可以监测主机每吨物料能耗（目前仅支持有米重控制的设备）。
 - 5. 可以在手机上查看数据信息。
 - 6. 可以记录并统计设备故障，部件更换等信息。
 - 7. 可以连接 MES 系统。
 - 8. 可以远程调试程序。

- Function:
- 1. Monitor the main Extruder Electricity.
 - 2. Monitor the main Extruder Temperature .
 - 3. Monitor the main Extruder Power.
 - 4. Monitor the energy consumption per ton of material(now just support the meter weight control).
 - 5. Monitor the data by the phone.
 - 6. Record and statistics equipment breakdown situation, parts replacement information and so on .
 - 7. Connect EMS system
 - 8. Remote adjustment and control program

- 方案优点
- 1. 随时了解自己设备的开机情况。
 - 2. 随时了解机器的能耗核算出开机成本。
 - 3. 记录电流的大小，展示给最终客户，用于说明管材或型材制品生产状态稳定，质量可靠。
 - 4. 随时远程检查调试程序，在机器出问题的情况下用最短的时间检查出故障点，维修好设备，将大大降低设备因故障停机的时间，提高生产效率。
 - 5. 连接企业生产系统，便于企业记录并分析相关数据，更好提升生产效率，降低设备故障率。

- Program advantage:
- 1、Controlling equipment situation at any time.
 - 2、Monitor the energy consumption of material and calculating the cost of running machine
 - 3、Record electricity size,showing to the final customer ,that is used to explain the stable production state and reliable quality of pipe or profile products.
 - 4、Remote adjustment and control program with any time. Once the machine has a problem,it will check out the fault point with shortest time and maintenance the equipment ,in order to greatly reduce the time of the equipment due to the machine breakdown and improve the production efficiency.
 - 5、Connecting enterprise production system, it is convenient for enterprises to record and analyze relevant data, to improve production efficiency and reduce equipment breakdown rate.

Plastic Machinery Fully Integrated Automation + Internet Of Things Control System Solutions

基于 MES 系统平台，实现车间生产管理的信息沟通平台，并向智能化方向发展。
Based on the MES system platform, the information communication platform of workshop production management is realized and move toward the intelligent direction

