

XTB 鑫天碧®

北京鑫天碧农业设施工程技术有限公司

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融汇领先科技·服务中国温室

Your professional partner for all greenhouse materials



Introduction

公司简介

北京鑫天碧农业设施工程技术有限公司从2000年成立以来，一直致力于温室及配套产品的研发、生产和销售。通过多年的发展，形成了成熟的经营思路、服务理念和产品系统，已成为国内园艺设施、温室领域顶尖的技术服务及产品供应商。

公司业务范围涵盖了现代农业园区规划及可行性研究、温室设计和咨询，温室资材、系统及设备的研发、制造和销售。鑫天碧公司拥有先进的温室专用铝型材、温室开窗系统、温室遮阳系统、降温系统、灌溉系统及园艺设备与资材等二十个大类、三百余种产品，部分产品具有自主知识产权和专利，开发研制的减速电机已经过北京市农业局的产品鉴定。我公司许多产品除了满足国内需求，而且远销往亚洲、欧洲、非洲、中东等多个国家。

鑫天碧公司经过多年发展，建立了一支由设施农业领域的资深专家和温室业内专业技术人员组成的专业的团队，自主研发了适用多种类型温室的产品和解决方案，为国内外客户提供了优质的产品和服务。同时公司也与国际著名温室公司合作，积极为客户引进国际领先的温室技术与产品。本公司目前是德国LOCKDRIVE公司的中国区总代理。

多年来，北京鑫天碧农业设施工程技术有限公司以稳健发展为主线，以提升技术、产品、服务为核心，坚持专业、可靠、创新，立足于市场，着眼于长远，努力为广大客户提供高品质的产品、完善的系统和周到细致的服务！

Beijing XTB was founded at Beijing in 2000. Since then, we focus on developing, manufacturing, and supplying greenhouses and greenhouse materials to clients around the world. We now have been a leading supplier in the chinese greenhouse community.

Our main business is

>>Manufacturing and supplying greenhouses.

>>Manufacturing and distributing greenhouse subsystems and materials such as

1. Ventilation systems(gear motor, rack&pinion, manual drives, and accessoires).
2. Screening systems(gear motor, rack&pinion, cable system, and accessoires).
3. Aluminium profiles for PC greenhouses and glass greenhouses.
4. Steel frames.
5. Cooling systems.
6. Irrigation systems etc.

>>Planning modern agricultural parks.

>>Investigating and evaluating the feasibility of agricultural projects.

In addition, XTB cooperates with famous companies outside of China, and introduces advanced technologies and high quality products to China. For example, XTB is currently the Chinese distributor of Lock Antriebstechnik GmbH, Germany.

Our team, involving horticultural experts, engineers, and technicians, has strong research and development capabilities, extensive engineering experience, and quick execution.

We are looking forward to the cooperation with you, not only selling products but also being your partner!

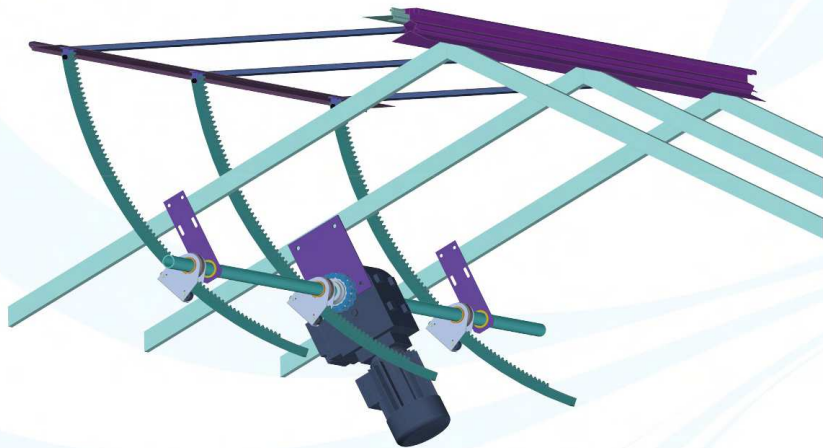
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开窗系统 >>
Ventilation system

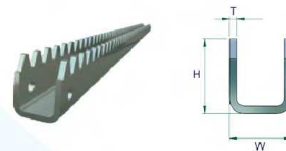
XIB 鑫天碧® 连续开窗系统
Continuous ventilation system



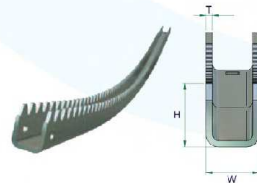
开窗齿条 Ventilation pinion
A型(铜套), 1" A Type(copper sleeve), 1"



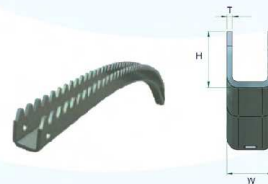
开窗齿轮 Ventilation pinion
加强型, 1" Enhanced, 1"



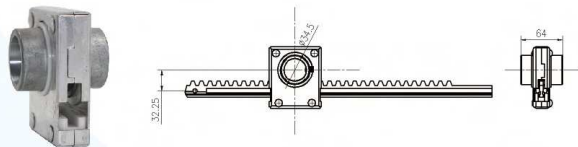
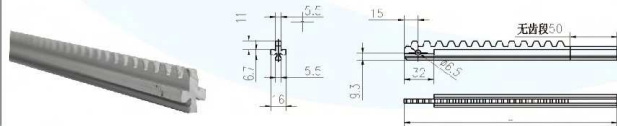
开窗齿条(直型) Ventilation rack (straight)
L=1050 1250 1450 1650 1950 mm
T=2.0 2.5 3.0mm
H=30mm
W=25mm



开窗齿条(弧形内齿) Ventilation rack(curved, inside teeth)
L=1050 1250 1450 1650 1950 mm
T=2.5 mm
H=30mm
W=25mm
R=1000

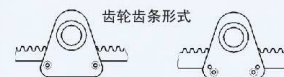
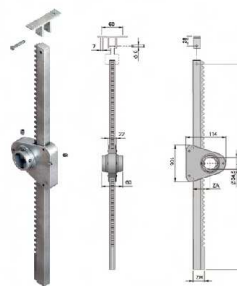


开窗齿条(弧形外齿) Ventilation rack(curved, outside teeth)
L=1050 1250 1450 1650 1950 mm
T=2.5 mm
H=30mm
W=25mm
R=1000

铝合金开窗齿轮 Aluminum ventilation pinion
A型, 1" A Type, 1"铝合金开窗齿条 Aluminum ventilation rack
L=1050 1250 1650 1950 mm安装板 Window bracket
铸铝 Cast aluminum轴承座 Bearing plate
1", 5/4"通用电机座
Motor mounting plateT型开窗电机座
T type motor mounting plate of ventilation

德国LOCK连续开窗齿轮齿条(直型)

LOCK continuous ventilation rack and pinion(straight)



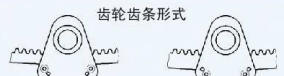
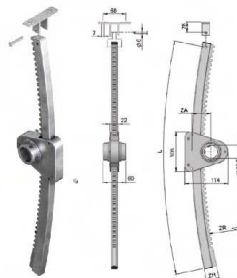
61405.0302

61405.0502

型号	名称	F(N)	L(mm)	ZA(mm)	ZH(mm)	M(kg)	齿轮齿条形式
AZD03.0208	铝齿轮齿条	300	800	42	26	0.7	61405.0302
AZD03.0210	铝齿轮齿条	300	1000	42	26	0.7	61405.0302
AZD03.0212	铝齿轮齿条	300	1205	42	26	0.8	61405.0302
AZD05.0208	铝齿轮齿条	700	800	52	33	0.8	61405.0502
AZD05.0210	铝齿轮齿条	700	1005	52	33	0.9	61405.0502
AZD05.0212	铝齿轮齿条	700	1205	52	33	1.0	61405.0502
AZD05.0214	铝齿轮齿条	700	1400	52	33	1.2	61405.0502
AZD05.0216	铝齿轮齿条	700	1600	52	33	1.3	61405.0502

德国LOCK连续开窗齿轮齿条(弧型)

LOCK continuous ventilation rack and pinion(Curved)

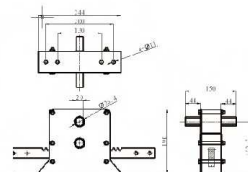


61405.0312

61405.0512

型号	名称	F(N)	L(mm)	ZA(mm)	ZH(mm)	ZR(mm)	M(kg)	齿轮齿条形式
AZD03.1208	铝齿轮齿条	300	805	42	26	700	0.7	61405.0312
AZD03.1210	铝齿轮齿条	300	1005	42	26	700	0.7	61405.0312
AZD03.1212	铝齿轮齿条	300	1205	42	26	700	0.8	61405.0312
AZD05.1208	铝齿轮齿条	600	805	52	33	1500	0.8	61405.0502
AZD05.1210	铝齿轮齿条	600	1010	52	33	1500	0.9	61405.0502
AZD05.1212	铝齿轮齿条	600	1210	52	33	1500	1.0	61405.0502

XIB 鑫天碧® 桁架开窗系统
Truss mounting ventilation system



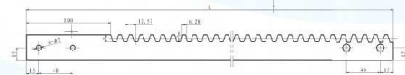
(1)

桁架开窗齿轮 Truss pinion box

行程 Stroke length: 36.4mm 减速比 Speed ratio: 2.76: 1



桁架开窗齿条 Truss rack
L=1050 1250 mm



双向桁架开窗齿轮

Double direction truss pinion box

行程 Stroke length: 36.4mm

减速比 Speed ratio: 2.76: 1



齿条推杆连接片 Truss rack tube connector
Galvanized steel



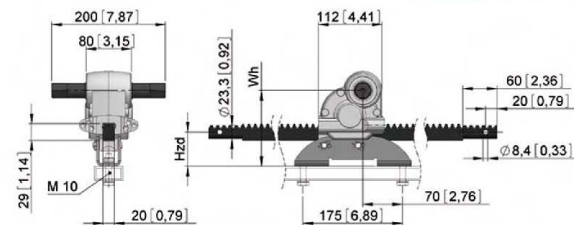
桁架支撑滚轮 Aluminum railsupport
Ø27 Ø32



桁架开窗电机座
Motor mounting plate of truss ventilation



支撐臂 Push rods
按要求定制 Customized Ø19mm



型号	名称	F(N)	L(mm)	Hzd(mm)	Wh(mm)	ZR(mm)	T1(Nm)	m(kg)
LZG20.2005	桁架开窗齿轮	5500		60	133	700	44	5.0
LZZ20.5012	桁架开窗齿条		1250			700		4.8

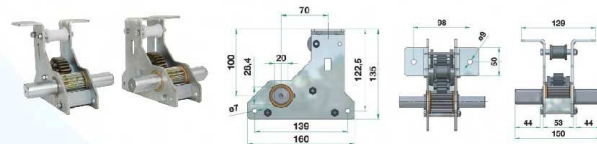
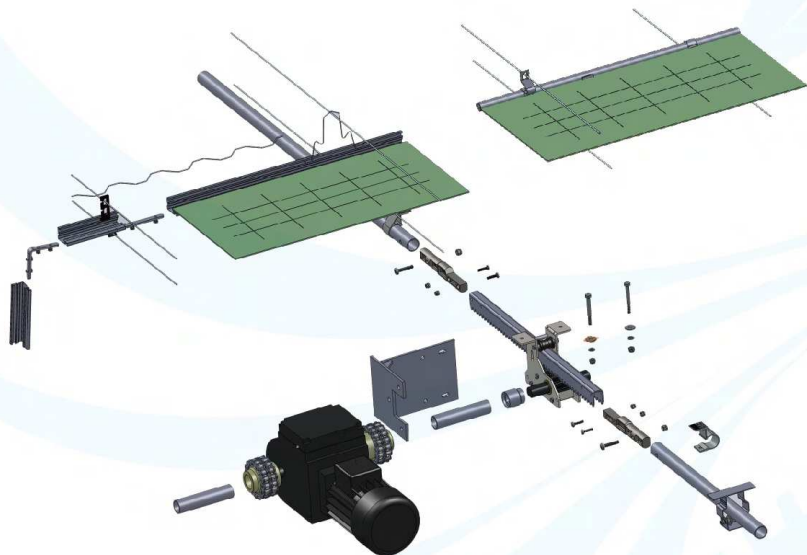


遮阳系统 >>

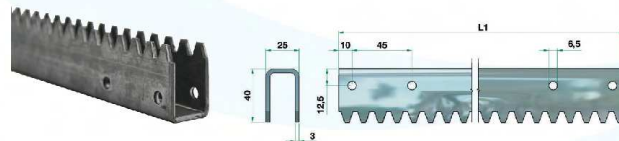
Screening system

XIB鑫天碧® 遮阳系统 Screening system

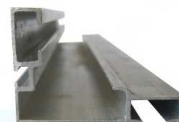
A 型齿轮齿条拉幕系统 A Type rack and pinion screening system



拉幕齿轮 A型 Screening pinion A type
行程 Stroke: 79mm
速比 Speed ratio: 1.8:1



拉幕齿条 Screening rack
L1= 2965, 3965 4965 mm
T= 2.75mm 3mm



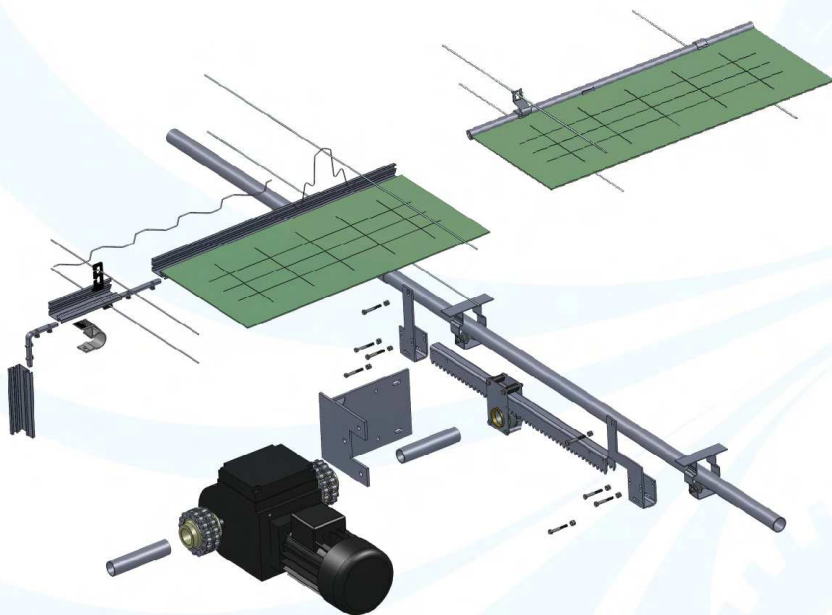
活动边型材 Aluminum leading profile



齿条推杆接头 Rack tube connector
铸铝 Cast aluminum Ø32mm Ø27mm

XIB 鑫天碧® 遮阳系统
Screening system

B 型齿轮齿条拉幕系统 B Type rack and pinion screening system



齿条推杆接头 Rack tube connector
铸钢 Cast steel Ø32mm Ø27mm



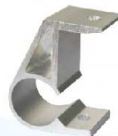
B型齿条推杆连接件
Rack tube connector, B Type
铸钢 Cast steel Ø32mm Ø27mm



拉幕支撑滚轮 Push pull support
铝合金 Ø32mm Ø27mm



拉幕支撑滚轮 Push pull support
镀锌钢Galvanized Ø27mm Ø32mm



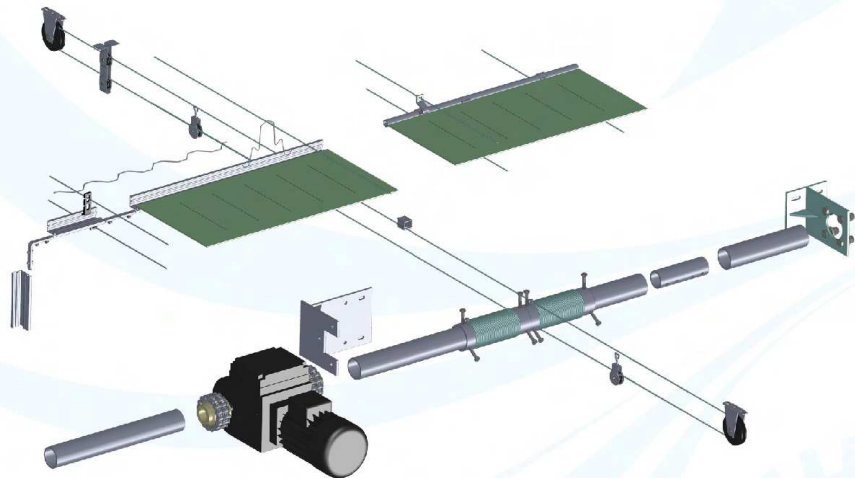
推杆导杆连接卡 Aluminum table clamp
Ø27mm Ø32mm



拉幕齿轮 B型 Screen pinion B type
行程 Stroke: 143mm
速比 Speed ratio: 1:1

XIB 鑫天碧® 遮阳系统
Screening system

钢缆拉幕系统 Cable screening system



I型连接板 I type connector



L型连接板 L type connector



驱动铝管 Aluminum leading tube
Ø19mm



铝管接头 Al-tube connector
Ø19mm



铝管接头 Al-tube connector
塑料Plastic Ø17mm



遮阳电机座
Motor mounting plate of screening system



桁架遮阳电机座
Motor mounting plate of truss screening system



小定位卡 Small wire guide clip
塑料 Plastic



大定位卡 Big wire guide clip
塑料 Plastic



小定位导向卡 Small tube wire guide clip
塑料 Plastic Ø19mm



大定位导向卡 Big tube wire guide clip
塑料 Plastic Ø19mm



遮阳网挂钩 Screen hook



遮阳网挂钩 Screen hook



遮阳网固定夹 Screen clip



紧线套筒 Winch drum
1" 2" L= 160 200 250 mm



铝制驱动卡 Aluminum clamp
26mm



紧线套筒(塑料) Winch drum(plastic)
1" L= 200 mm



延时驱动卡 Slip clamp
Ø19 mm



拉杆夹 Pull tube clamp
Ø19 mm



配重 Weight
Ø45mm T=2mm

XIB 鑫天碧® 遮阳系统
Screening system



轴承座 Bearing plate
2"



紧线器 Wire straightener
40*30*30 90*30*25 125*45*30 mm



换向轮 Pulley
Ø100 mm



T型螺栓 T Bolt
M6×40 M6×80



托幕线 Screen wire
透明 transparent 2400m/r



涂层钢缆 Screen wire
Ø2.8, 2500m/roll



焊接接头 Welding joint
1", 5/4"



外遮阳网 Outside shading screen
抗UV Anti-UV
遮阳率 shading rate: 75% 80% 85%



托幕线 Screen wire
黑色 Black 2000m/r



轴定位卡 Shaft clip
不锈钢 Stainless steel



铝箔外遮阳幕
Aluminum outside shading screen
抗UV Anti-UV
遮阳率 shading rate: 55% 65% 75%



铝箔内遮阳幕
Aluminum internal shading screen
遮阳率 shading rate: 55% 65% 75%

XIB 鑫天碧® 遮阳系统
Screening system



铝箔避光幕
Aluminum light resistant shading screen
遮光率 shading rate: 70 %



薄膜遮阳幕 Film shading screen
遮光率 shading rate: 75%



薄膜避光幕
Film light resistant shading screen
遮光率 shading rate: 90% 99%



防虫网 Insect net
目数 Grid: 30 40 50

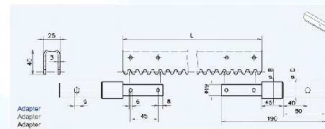
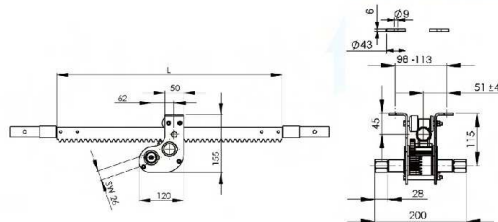


保温幕 Energy screen
遮光率 shading rate: 15%
节能率 Energy saving: 47%



铝箔内遮阳保温幕
Aluminum energy shading screen
遮光率 shading rate: 55% 65% 75%

德国LOCK拉幕齿轮齿条 LOCK Screen rack and pinion



型号	名称	F(N)	L(mm)	i(mm)	LF(mm)	m(kg)
SZG35.0502	拉幕齿轮	500		1.7:1		3.2
SZG35.0540	拉幕齿条		3965		4.0	11.1



减速电机 >>

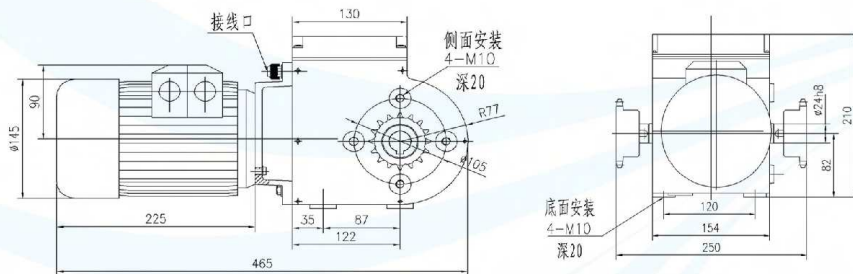
Gear motor


XWJ 减速电机 XWJ Gear motor
产品特点:

1. 结构紧凑, 安装便捷, 运行稳定, 使用寿命长;
2. 体积小, 重量轻, <30kg
3. 低噪音, 低升温, 外形美观;
4. 防护等级: IP44。

Gear motor advantage:

- 1.High quality and reliability;
- 2.Built-in precise limit switch;
- 3.Compact and light weight;
- 4.Easy maintenance and low noise.

XWJ 电机安装尺寸图 XWJ Gear motor mounting drawing


型号 Type	电压 Voltage (V)	功率 Power (W)	转速 Speed (rpm)	扭矩 Torque (Nm)
XWJ40-2.6	380	550	2.6	400
XWJ40-5.2	380	550	5.2	400
XWJ80-2.6	380	750	2.6	800
XWJ80-5.2	380	750	5.2	800

鑫天碧XWJ减速电机通过了新产品技术鉴定验收 京农机鉴定{ 2011(05-08)号}



TWJ 减速电机 TWJ Gear motor

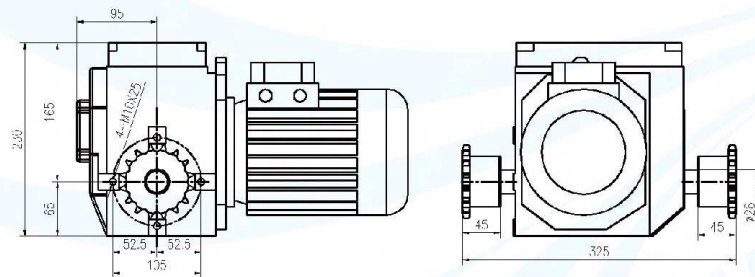
产品特点:

1. 仿荷兰进口产品, 制造精度高, 质量优良;
2. 采用中美合资工厂电动机, 高效节能, 可靠;
3. 低噪音, 低升温, 外形美观;
4. 防护等级: IP44.

Gear motor advantage:

- 1.High quality and reliability;
- 2.High quality electric motor from a USA-China Joint manufacturer;
- 3.Build-in precise limit switch;
- 4.Compact and light weight;
- 5.Easy maintenance and low noise.

TWJ 电机安装尺寸图 TWJ Gear motor mounting drawing



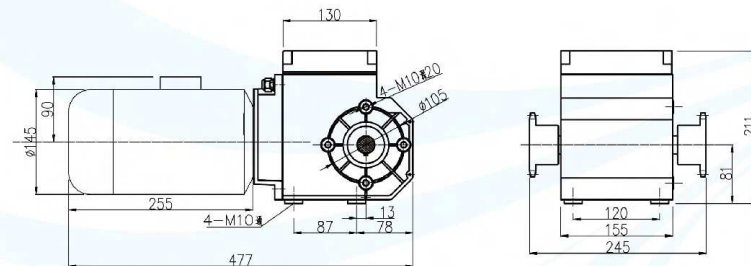
型号 Type	电压 Voltage(V)	功率 Power(W)	转速 Speed(rpm)	扭矩 Torque(Nm)
TWJ403	380	370	3	400
XWJ405	380	550	5	400


BWJ 减速电机 BWJ Gear motor
产品特点:

1. 结构紧凑, 安装便捷, 运行稳定, 使用寿命长;
2. 体积小, 重量轻, <30kg;
3. 低噪音, 低升温, 外形美观;
4. 防护等级: IP44。

Gear motor advantage:

1. High quality and reliability;
2. Built-in precise limit switch;
3. Compact and light weight;
4. Easy maintenance and low noise.

BWJ 电机安装尺寸图 BWJ Gear motor mounting drawing


型号 Type	电压 Voltage (V)	功率 Power (W)	转速 Speed (rpm)	扭矩 Torque (Nm)
BWJ40-2.6	380	550	2.6	400
BWJ40-5.2	380	550	5.2	400
BWJ80-2.6	380	750	2.6	800
BWJ80-5.2	380	750	5.2	800



XTB 卷被电机 XTB Quilt roller

产品特点:

1. 结构简单, 体积小, 重量轻, 维护方便、使用便利;
2. 噪音低、扭矩大、性能可靠、寿命长;
3. 卷被范围: 80-100米, 宽度: 8米

型号 Type	电压 Voltage(V)	功率 Power(W)	转速 Speed(rpm)	扭矩 Torque(Nm)
JWJ-0.75	380	750	3	1600Nm
JWJ-1.1	380	1100	5	2200Nm

卷被电机配件:



法兰 Flange



销轴 Pin



铰链底板 Hinge Joint

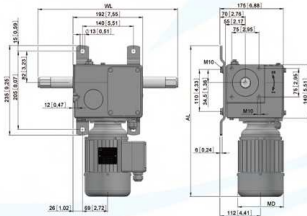


电机连接板 Mounting Plate

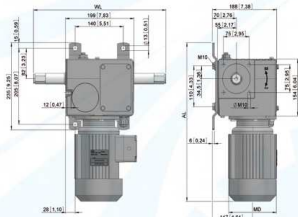
德国LOCK 减速电机 LOCK Gear motor



EWA12电机安装尺寸图



EWA14电机安装尺寸图



产品特点:

1. 德国原装进口。
2. 双蜗轮蜗杆减速，超强自锁功能。
3. 内置精密差动齿轮限位装置，限位调节范围可达580圈，调整简便，限位精确。
4. 可以任意角度安装。
5. 可安装电位计PA6，便于精确控制。



We06 轴头



We66 轴头

产品规格:

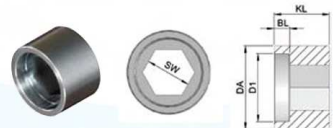
编号	扭矩	转速	电压	电流频率	重量	轴头形式
EWA10.0703	70Nm	3.6rpm	400v	50Hz	17.7kg	We06
EWA10.0705	70Nm	5.6rpm	400v	50Hz	16.0kg	We66
EWA12.1203	120Nm	3.6rpm	400v	50Hz	18.8kg	We66
EWA12.1205	120Nm	5.6rpm	400v	50Hz	19.4kg	We66
EWA12.1501	150Nm	1.6rpm	400v	50Hz	18.8kg	We66
EWA12.2501	250Nm	3.6rpm	400v	50Hz	19.3kg	We66
EWA12.2505	250Nm	4.3rpm	400v	50Hz	20.3kg	We66
EWA14.3501	350Nm	1.6rpm	400v	50Hz	26.3kg	We66
EWA14.3505	350Nm	4.4rpm	400v	50Hz	26.3kg	We66
EWA14.4501	450Nm	1.6rpm	400v	50Hz	26.3kg	We66
EWA14.4505	450Nm	4.4rpm	400v	50Hz	26.3kg	We66
EWA14.6003	600Nm	3.2rpm	400v	50Hz	26.3kg	We66
EWA14.6005	600Nm	4.4rpm	400v	50Hz	27kg	We66

其他配件:



1" 2" 通用联轴器

Type	Art.nr.	T max [Nm]	D [mm]	W [mm]	n [1/min]	D1 [mm]	D2 [mm]	A1 [mm]	A2 [mm]	BL [mm]	DA [mm]	KL [mm]	Kette chain	m [kg]
KKS 10.0634	20610.0681.34	450	28	66	30	34,5	52,0	35	35	12	96	77	5/8 x 16	1,6
KKS 10.0643	20610.0681.43	450	28	66	30	43,0	52,0	35	35	12	96	77	5/8 x 16	1,5



焊接接头

Type	Art.nr.	T max [Nm]	SW [mm]	D1 [mm]	D2 [mm]	DA [mm]	BL [mm]	KL [mm]	e4tube	m [kg]
SKS 88.5034	20160.4250.34	300	26	34,5	-	42,0	10	50	1"	0,3
SKS 88.5034	20260.4250.34	450	26	41,3	30,7	42,0	10	50	42.4 x 4.05 mm	0,3

德国LOCK 管式电机



特点及应用

- 电机 + 减速机一体，可正、反转，内置限位及过载保护开关；
- 结构紧凑、重量轻、免维护、无噪音；
- 卷放薄膜、遮阳网、遮阳布等柔软材料；
- 用于温室、畜禽舍、建筑物的遮阳、隔断、开窗通风等。

安装使用说明

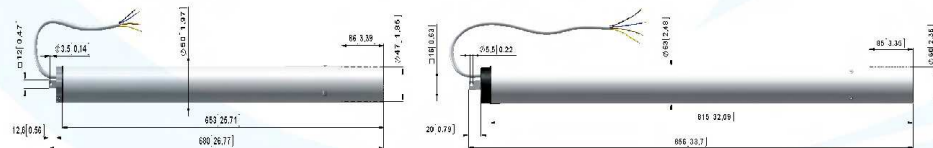
- 工作过程中，管式电机温度可能达60℃，切勿碰触；
- 本产品符合EN60529中IP44级；
- 本产品不适用于连续工作的工况，每次运转最长4分钟；
- 本产品工作时环境温度范围为5℃~63℃。

主要性能参数

- 内置防水、精密限位装置，最大可调23圈；
- 带50×1.5/63×1.5毫米铝合金管，便于连接50/63毫米卷轴；
- 方形轴头，配合专用开口销，便于固定到滑动小车。

Type	T	n 50h kw	I 50H A	U 50HZ V	KB 50HZ min		IP
RMA20.0512	50	0.345	1.5	230	4	1	44
RMA20.0512	120	0.435	1.9	230	4	1	44

德国LOCK管式电机安装尺寸图



德国LOCK管式电机零配件





水肥一体化灌溉、
潮汐灌溉系统 >>

Irrigation system,
Ebb/flood irrigation system

XIB 鑫天碧® 水肥一体化灌溉、潮汐灌溉系统
Irrigation system, Ebb/flood irrigation system



大型储水罐 Water tank

- 镀锌钢板+内衬+整体内胆;
galvanized steel +liner;

与混凝土水池相比:

- 成本低、寿命长;
- 施工快, 无渗漏, 免维护;
- 可以拆装, 搬迁;
- 规格齐全。

Compared with the concrete pool:

- low cost, long life;
- construction fast, no leakage, maintenance-free;
- Can be disassembled and relocated;
- complete specifications。



苗床 Nursery bed

苗床支架采用热镀锌钢管，边框采用铝合金；

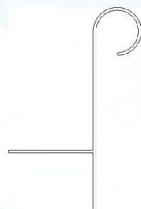
苗床网表面采用镀锌防腐处理；

高度可以微调，具有防翻限位装置。

Nursery bed stand used hot galvanized steel pipes, the frame made of aluminium alloy.

The steel mesh is coating anti-corrosion treatment;

The height can be adjust, with anti turn device.



苗床边框
Aluminum frame of Nursery bed



苗床手轮
Nursery bed wheel



潮汐灌溉苗床 Ebb/flood tray

1、潮汐式灌溉很好的解决了灌溉与供氧的矛盾，是一项高效节能的农业技术。

2、植物生长速度更快，完全封闭的系统循环；

3、相对湿度容易控制，减少菌类滋生；

4、节水高效，管理成本降低，不受品种、规格、时间限制。

5、潮汐灌溉生产达到标准化，每棵植物高度统一，质量有保证。

1, Ebb/flood irrigation is a good solution to the contradiction between irrigation and oxygen supply, is a highly efficient agricultural technology;

2, plant growth faster, completely closed system cycle, can reach 90% utilization;

3, relative humidity easy to control, reduce the breeding of fungi;

4, water efficient, the management cost is reduced, can be used at any time, from the variety, specifications, time limit.

5, Ebb/flood irrigation production to achieve standardization, each plant a high degree of unity, quality assurance.

国产规格：4435*1690*70mm 进口规格：按客户要求定制





紫外线消毒机 UV disinfection unit

容量 Capacity:	13m³/h
反应堆数 Number of reactors	8 pieces
UV光源 UV – light source:	400W
反应器长度 Length of reactor:	1700mm
紫外灯寿命（正常使用） UV lamp life (normal use):	12000 h
所需的UV剂量 Required UV dose:	80mJ / cm²

整个系统有如下系统由以下部分组成：

1. 不锈钢框架；
2. 净化石英管的控制系统；
3. 过滤器；
4. 带触摸屏的PLC，用于控制和监测系统；
5. 系统泵；
6. 2个紫外传感器；
7. 带流量控制的桨轮。

The system consists of the following elements:

1. Stainless steel frame;
2. Acid control system for cleaning the quartz tube;
3. Sand filters;
4. PLC with touch screen for controlling and monitoring the system;
5. System pump;
6. 2 pcs UV sensors;
7. Paddle wheel with flow control.

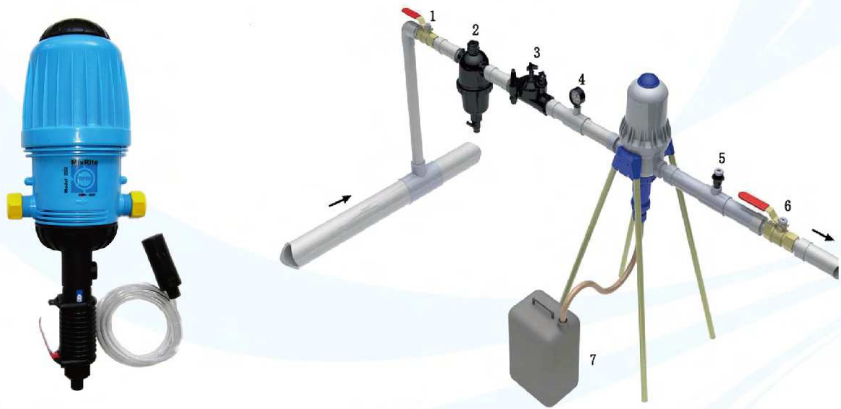
注意：从排水罐到消毒机的吸入管线必须从排水罐下面连接。如果水罐的管路安装在罐子的顶部边缘上，我们需要使用特殊的灌装泵，这将带来额外的成本。

用于清洁的酸性溶液的浓度不高于38%。

Note: The suction line from the infected drain tank to the disinfection has to be connected from underneath the drain tank. If the suction line from the tank is mounted over the top edge of the tank we need to apply a special filling pump which will bring additional costs.

The acid used to clean the system may not have a higher concentration than 38%.

比例施肥泵



特点:

- 精确混合水与药剂
- 剂量调整容易且迅速
- 维护简便且费用低廉
- 关键的内部零件皆以目前最高品质的材料制成 (哈氏合金弹簧、氟橡胶密封件)

技术信息:

- 压力: 0.2-8kg (用于灌溉的产品压力: 0.2-5kg)
- 流量: 7-2500L/h
- 工作温度: 4-40℃
- 接口尺寸: 3/4"

优点

- 低流量也可工作;
- 现场维护简单, 耐腐蚀力高;
- 混合充分;
- 抗紫外线能力高;
- 安装容易无需用电;
- 调整比例简单;
- 密封件可更换。

施肥机 Irrigation unit

功能及应用

- 按照设定的pH值和EC值, 自动、精准地调整、控制肥液与水的混合比例, 并将混合液以一定的压力输送给灌溉系统。
- 主要由机架、混合罐、进水泵 (如果从水池取水)、出水泵、磁力泵 (吸取肥液)、传感器、和控制柜等组成。
- 可应用于温室、大田灌溉系统。

主要特点及参数

- 成熟、可靠的技术和设计, 满足全球市场要求的高质量部件
- 标配荷兰Hoogendoorn智能施肥控制器, 也可由Hoogendoorn温室环境控制系统直接控制, 水肥混合精准、可靠
- 标配优质不锈钢离心泵 (已通过UL认证和CE认证), 高效节能
- 标配优质磁力注肥泵, 杜绝肥液腐蚀和泄漏
- 流量30立方米/小时, 或者按客户要求定制
- 压力2.5~3公斤, 或者按客户要求定制
- 施肥通道数量1~10个, 或者按客户要求定制

安装使用说明

- 整机提供标准接口, 由客户将灌溉施肥机与供水、灌溉管网连接。

Function & application

Automatically and accurately control the mixing ratio of liquid fertilizers and water based on pH and EC values.

Advantages:

- Proved technology and design;
- High quality parts;
- Control system frame;
- Stainless steel frame;
- High quality magnetic pump from dosing;
- Flow rate: 30m³/h, or customized;
- Pressure: 2.5-3.0kg, or customized.

You can customize your irrigation unit:

1. Source of water (running water or tank water);
2. Output flow rate of water;
3. Output pressure of water;
4. Fertilizer channel qty.



喷灌机 Boom machine



1. 三位快速转换喷头，只要轻轻旋转就可以实现喷水量的改变；
2. 运行速度无级可调；
3. 运行到位自动停止；
4. 节约土地，吊挂式安装方式最大限度的节约了宝贵的种植面积。
1. three fast-speed nozzle, gently rotating the nozzle can be achieved to change the water;
2. running speed stepless adjustable;
3. can be automatically stop;
4. save the land, hanging installation method to maximize the savings of valuable acreage.

行程 Stroke	速度 Speed	功率 Power	喷杆长度 boom rod length	重量 Weight	外形尺寸 Diameter
65m	1.5-2.1m/min	180w	依温室跨度 According span length	75kg	900*850*385



园艺种植设备 >>
Horticulture equipment

播种机



专业生产自动播种线，装盆机，移栽机，贴标机，码垛机，催芽室等设备；
意大利设计制造，品质卓越；
高性价比，高可靠性；
产品型号齐全，精确满足客户需求同时可以节约成本
速度：100-650盘/小时
功率：7.5kw，400V 3相
规格：7093*2344*2251 mm



操作可提前设置、自动运行，可以设置所需播种数量，设置每孔预播种粒数，完成播种工作机器自动停止。
更快捷、更简便的更换播种滚筒，您可以在10几秒内更换滚筒

上盆机



特殊的设计可以使穴盘或花盆填充的更均匀一致，
每一盘、每一孔都很均匀。
速度：最大可调至2400 盘/小时
功率：7.5kw，3相 400V
可适用于圆形和方形花盆：8-22cm

移栽机



连续移栽，最多可使用36根移栽头，最大工作宽度
至2100毫米。

基质搅拌机



特点:

1. 几分钟内可以完成基质混合, 减少工作时间和成本;
2. 不锈钢高阻力螺旋转子, 减少磨损;
3. 可以手动和自动加水, 自动送料;
4. 可配置移动轮, 方便转移;
5. 料斗容量: 1150L 2100L



混合阀节能系统 >>

Mixing valves



霍尼韦尔三通/四通混合阀：

1. 有效降低温室采暖能耗（配合温室自动控制）；
2. 德国制造，品质卓越；
3. 可靠性高，寿命长；
4. 三通、四通两个系列，规格齐全。



口径	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
三通混合阀	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
四通混合阀	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



混合阀均可配旋转马达
 （交流24V或220V）



立体栽培设施>>

Hydroponics cultivation

栽培槽 Cultivation gutter

新型立体栽培槽，它主要是用于蔬菜水果基质土专用种植槽，是一种环保的栽培用具。栽培槽不易造成基质土里营养成分的流失，从而有效的保证植物的健康生长，由于栽培时使用了培养基，可以不受土壤条件限制，不管土壤肥沃与否，甚至在荒坡、荒滩或者水泥地上都能种植。

The new three-dimensional cultivation gutter, which is mainly used for vegetable and fruit planting, is an environmentally cultivation equipment. Cultivation gutter is not easy to matrix nutrient loss, so as to effectively ensure the healthy growth of plants, because the cultivation of the use of the cocopeat, can not be limited by soil conditions, Regardless of the soil fertile or not, even in the slopes, wasteland or cement can be planted on the ground.

栽培槽的优点:

1. 栽培槽有利于提高光能利用率;
2. 栽培槽可以提高土地利用率、增加复种指数;
3. 有利于提高种植密度;
4. 栽培槽有利于发挥“边行优势”;
5. 根据植物的要求定制产品。

Advantages of the cultivation gutter:

1. Cultivation gutter is conducive to improving the utilization of light energy;
2. Cultivation gutter can improve land use efficiency and increase the multiple cropping index.
3. conducive to improving the planting density;
4. Cultivation gutter is conducive to play "edge advantage";
5. Customize the product according to the requirements of the plant.



立体栽培 Hydroponics

- 完美融合现代温室工程技术、设施栽培技术和园林景观艺术。
- 拓展温室使用功能，提升温室经济效益。
- 定制各种农业主题公园，如立体栽培展示馆、无土栽培展示馆、都市园艺馆、现代果蔬园、百花艺苑、瓜艺田园、热带果园等。



立式管道栽培



多层细叶菜栽培



漂浮栽培



平铺式管道栽培



立柱栽培



墙体栽培



蔬菜树式栽培



箱式基质栽培



蔬菜巨型栽培



岩棉栽培



草莓立体栽培



储液储气式栽培

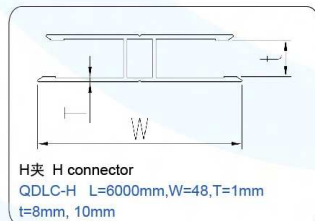
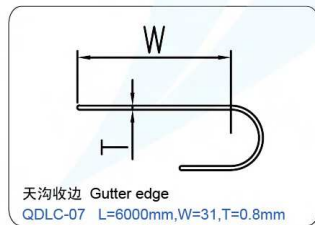
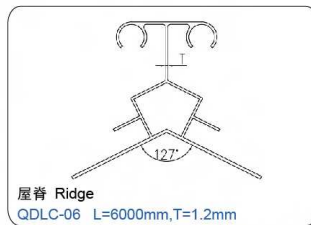
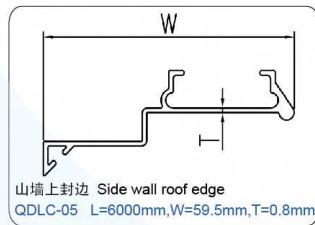
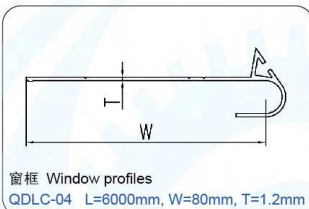
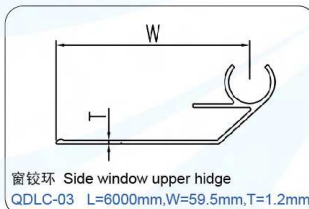
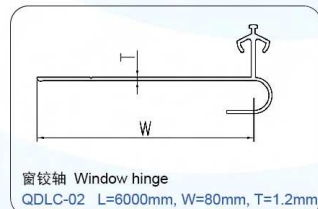
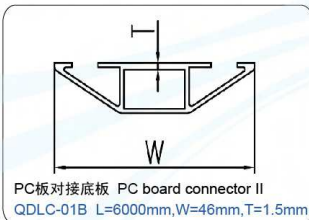
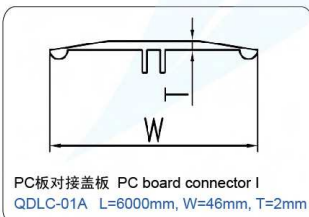
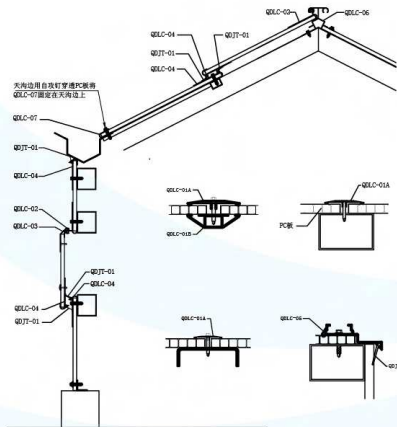


温室型材和配件 >>

Greenhouse profiles & materials

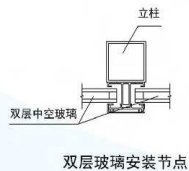
XIB 鑫天碧® 温室型材和配件 Greenhouse profiles & materials

PC板温室型材 PC board greenhouse profiles

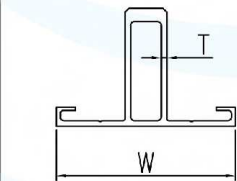
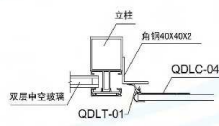
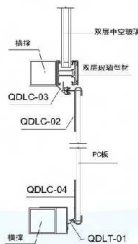


双层中空玻璃型材 Hollow glass greenhouse profiles

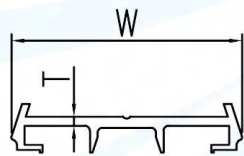
中空玻璃型材安装图 Hollow glass Profiles installation



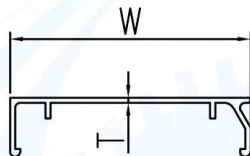
侧窗安装方式 Installation of side window profiles



底板 Bottom plate
LCBL-04 L=6000mm, W=47mm, T=1.5mm

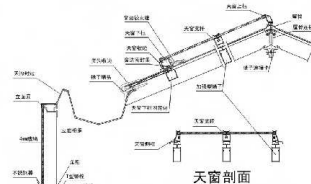


压板 middle plate
LCBL-02 L=6000mm, W=47mm, T=1.8mm



盖板 Pinch plate
LCBL-03 L=6000mm, W=59.5mm, T=1mm

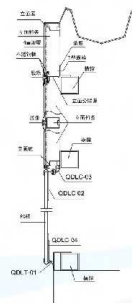
单层玻璃温室型材 Aluminum profiles of single layer glass greenhouse



天窗剖面

天窗	天窗	天窗	天窗	天窗
天窗	天窗	天窗	天窗	天窗
天窗	天窗	天窗	天窗	天窗
天窗	天窗	天窗	天窗	天窗
天窗	天窗	天窗	天窗	天窗

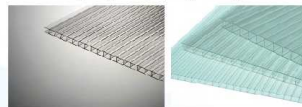
侧窗安装方案



聚碳酸酯防滴露中空板（农业专用） Polycarbonate Anti-drip sheet.

防滴露板适用于不允许出现滴露的屋顶使用，特别是农业温室，冷凝水的滴落对农作物造成伤害。这种创新产品的外表面具有防紫外线共挤层，内表面采用专门开发的亲水涂层。这种亲水涂层可以增加板材表面张力，减小水与板材的接触，从而抑制了冷凝水的形成，在板材表面只形成一层很薄的水雾，既不会滴落也不会影响板材的透光性，有助于防止冷凝水的滴落造成作物和财产的损失。

Anti-drip sheets are suitable for use in roofs where dripping is not allowed, especially in agricultural greenhouses where dripping of condensate causes damage to crops. The innovative product inner surface has an anti-UV co-extruded layer, The inner surface is made of hydrophilic coating. This hydrophilic coating can increase the surface tension of the sheet, reducing the contact between the water and the sheet, thus inhibiting the formation of condensate, the surface of the sheet only to form a layer of thin water mist, neither dripping nor affected the translucency of the sheet, helps to prevent the dripping of the condensate from causing crop and property damage.



8mm, 10mm 12mm 16mm

优点:

1. 质量轻，易于加工和安装;
2. 抗冲击强度高;
3. 透光率高;
4. 耐候及抗紫外线性强;
5. 高保温性能;
6. 防结露效果明显;
7. 质保10年

Advantage:

1. Light weight, easy to process and install;
2. High impact strength;
3. High transmittance;
4. Anti aging and anti-UV;
5. High thermal insulation;
6. anti-drip effect is good;
7. 10 years warranty

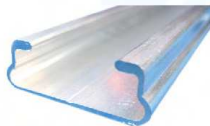
XIB 鑫天碧® 薄膜温室资材
Film greenhouse materials



卡簧 Film spring
L=2000mm



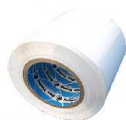
热镀锌卡槽 G.I.profile
T=0.7mm, 0.65mm, L=4m, 6m



铝合金卡槽 Aluminum profile
T=1mm, L=4m, 6m



卡槽内接片 Profile connector
热镀锌钢板 Galvanized steel



补膜胶带 Film tape
7cm×15m



固膜卡箍 Film hoop
Ø22mm Ø25mm Ø32 mm



手动卷膜器 Manual roll up
H=2m L=100m



手动卷膜器(链式) Manual roll up(chain)
H=2m L=100m



电动卷膜器(国产) Electrical roll up
DC24V 40W 50Nm DC24V 100W 100Nm



电动卷膜器(进口) Electrical roll up
DC24V 40W 40Nm



电动卷膜器铰链连接件
Hinge connector



电动卷膜器伸缩杆连接套
Fitting of telescopic link



电动卷膜器卷膜杆连接套
Rolling tube connector



导向器 Climber



电卷电源(单台控制)
Power supplier(single)



电卷电源(一带二)
Power supplier(multi)

XIB 鑫天碧® 薄膜温室资材
Film greenhouse materials



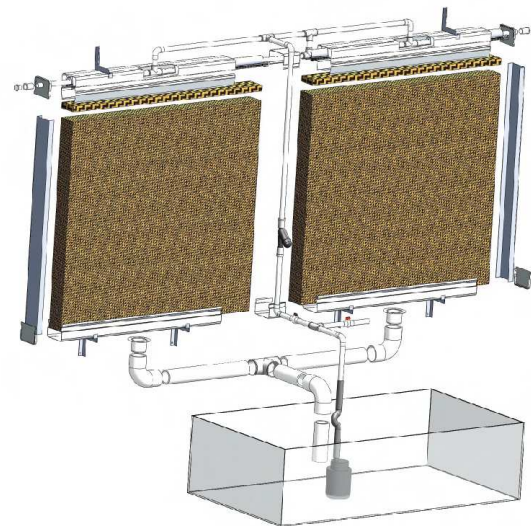
充气风机 Inflation blower
AC220V 50Hz 12w



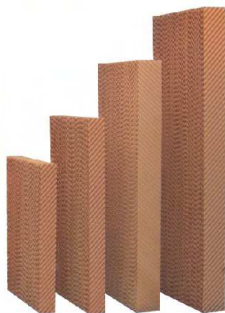
1. 密封垫 seal
2. 雨斗 Rain cover
3. 充气风机安装板 Assembly plate
4. 铝箔管 Aluminium foil pipe
5. 法兰盘 PE flange



XIB 鑫天碧® 风机湿帘降温系统
Cooling pad system



XIB鑫天碧® 风机湿帘降温系统 Cooling pad system



湿帘 Cooling pad

1200×600×100mm 1500×600×100mm 1800×600×100mm

产品特点:

1. 湿帘为蜂窝结构材料、吸水能力强，高耐水，抗霉变，使用寿命长；
2. 湿帘蒸发面积大，自然吸水，扩散速度快，效能持久；降温效果达80%；
3. 湿帘不含表面活性剂，对人体无害，安全环保。

Features:

1. Cooling pad for the honeycomb structure material, absorbent ability, high water resistance, anti-mildew, long service life;
2. Large evaporation area, natural water absorption, diffusion is fast, lasting performance; cooling effect of 80%;
3. Cooling pad without cosurfactants, harmless to the human body, safe and environmental protection.



塑料湿帘 Plastic cooling pad

规格: 1200×600×150mm
1500×600×150mm
1800×600×150mm



风机 Exhaust fans

产品特点:

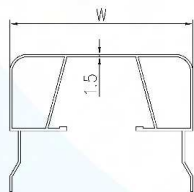
1. 广泛应用于温室、畜禽舍、工业厂房、酒店、浴场等场所；
2. 先进的平衡式开闭机构，保证百叶窗完全打开与关闭；
3. 轴承采用进口产品，噪音低、风量足；
4. 电机通过3C认证；
5. IP55高强度六片式叶轮，采用航空铝合金制成，重量轻，强度高，韧性好。

Product characteristic:

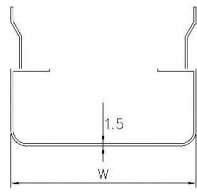
1. Advance balance open and shutting structure;
2. Low noise, large wind capacity;
3. Automatic cleaning when blade is running;
4. High quality motor.

产品编码 Product code	型号 Type	风叶直径 Blade diameter	电机转速 Motor speed	风量 Wind capacity	压力 Press	噪音 Noise	功率 Power	电压 Voltage	尺寸 Size
F21050000	DJF-500	500mm	960rpm	1000m ³ /h	50Pa	< 70dB	0.55KW	380V	610×610×360mm
F21070000	DJF-700	700mm	960rpm	1480m ³ /h	50Pa	< 70dB	0.75KW	380V	820×820×400mm
F11076001	QCHS-760	760mm	1400rpm	1600m ³ /h	56Pa	< 70dB	0.55KW	380V	900×900×400mm
F11090001	QCHS-900	900mm	1400rpm	3000m ³ /h	56Pa	< 70dB	0.75KW	380V	1000×1000×400mm
F11000000	QCHS-1000	1000mm	1400rpm	3500m ³ /h	50Pa	< 70dB	0.75KW	380V	1100×1100×400mm
F11100000	QCHS-1100	1100mm	1400rpm	4000m ³ /h	50Pa	< 70dB	1.1KW	380V	1220×1220×400mm
F11125001	QCHS-1250	1250mm	1400rpm	4400m ³ /h	50Pa	< 70dB	1.1KW	380V	1380×1380×400mm
F11140001	QCHS-1400	1400mm	1400rpm	5580m ³ /h	50Pa	< 70dB	1.5KW	380V	1540×1540×400mm

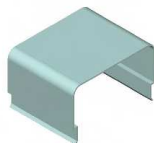
XIB鑫天碧® 风机湿帘降温系统
Cooling pad system



湿帘上框 Pad cover frame



湿帘下框 Pad bottom frame
L=6m, w=150mm



框架接头 Frame connector
L=100mm, W=100mm



夹板 Guard board
L=6m, W=60mm



端盖 End cap



反水板 Water collection



侧挡板 Side guard frame
H= 1.56m L= 1.56mm 1.86m



水管托
Tube support



框架挂钩 Frame clamp



环流风机 Circulation fans
220V 145W 1400rpm D=400mm
220V 350W 1400rpm D=500mm



过滤器 Filter
Ø32mm



出水口 Water exit
Ø75mm



阀门 Valve
Ø25mm Ø32mm

补光系统

Light system



高压钠灯 High voltage sodium lamp



产品用途：补充作物生长所需光量，对植物生长周期进行控制。

Function: supplement the amount of light for plant growth, thereby control the growth of plant.

名称	参数						
GE 超高光通用钠灯	功率 Power	灯电流 Current	初始电流 Initial current	平均寿命 Life	色温 Color	灯头 lamp holder	全长 Length
	400W	4.5A	56500Lm	32000h	2100K	E40	283mm
	600W	6.0A	90000Lm	32000h	2100K	E40	283mm
	750W	7.0A	112000Lm	28500h	2100K	E40	291mm
PHILIP 超高光通用钠灯	功率 Power	灯电流 Current	初始电流 Initial current	平均寿命 Life	色温 Color	灯头 lamp holder	全长 Length
	400W	4.5A	56500Lm	32000h	2100K	E40	283mm
高压钠灯 电子镇流器	规格 Specification	输入电压 Input voltage	输入功率 Input power	输入电流 Input current	功率因数 Power factor	总谐波失真 Total harmonic distortion	电流波峰比 Current crest
	750W	400V	790W	1.98A	>0.98	<10%	<1.7
	600W	230V	638W	2.08A	>0.98	<10%	<1.7
	600W	400V	635W	1.6A	>0.98	<10%	<1.7
	1000W	400V	1050W	2.63A	>0.98	<10%	<1.7

LED植物补光灯 LED lights

LED植物补光灯产品特点

- 波长类型丰富、与植物光合成和光形态建成的光谱范围吻合;
- 可按照需要组合获得纯正单色光与复合光谱;
- 可以集中特定波长的光, 均衡地照射作物;
- 不仅可以调节作物开花与结实, 而且还能控制株高和植物的营养成分;
- 系统发热少, 占用空间小, 可用于多层栽培立体组合系统, 实现了低热负荷和生产空间小型化;
- 高光效: 90% 散发的光能够被植物所吸收, 而传统高压钠灯和金卤灯, 只有 8-10% 的光效;
- 光衰很小, 使用寿命长;
- 特强的耐用性也降低了运行成本。

Specification of LED light

- Rich light wavelength, coincides with plant light synthesis and spectral range of light form;
- Can be combined light to obtain pure monochromatic light and composite spectrum in accordance with the need;
- Can focus on a specific wavelength of light, balanced irradiation of crops;
- Regulate crop flowering and fruition, also control plant height and plant nutrients;
- Less heat, occupies less space, can be used for multi-layer cultivation system, to achieve a low thermal load and production space miniaturization;
- Light efficiency: 90% light can be absorbed by plants;
- Light failure is very small, long service life;
- Stronger durability, also reduces operating costs.



功率 Power	电压	电流	频率	发光效率 luminous efficiency	照射面积 illuminance area	悬挂高度	Working life-span	防护等级 IP Grade	光束角 Beam angle
36w	AC86-265V	0.21-5A	50/60Hz	44.6LM/W	2.5-4m²	1-1.5m	> 50,000H	IP44	120°

植物生长灯 Plant growth lights



特点:

1. 有效的促进植物光合作用, 缩短生长周期;
2. 可以按植物要求集中特定波长的光, 均匀的照射作物;
3. 不仅可以调节作物开花结果, 而且可以减少畸形率;
4. 光衰小, 寿命长;
5. 安装简便;

Features:

1. Effectively promote plant photosynthesis, shorten the growth cycle;
2. Can be planted by the requirements of a specific wavelength of light, uniform irradiation of crops;
3. Not only can adjust the crop flowering and fruition, and can reduce the deformity rate;
4. Light fades small, long life;
5. Easy to install;

名称 name	电压 Voltage	功率 Power	悬挂高度 height	灯距 Light distance
PGL40	AC 220V	40w	1m---2.5m	3m---4m
PGL80	AC 220V	80w	1m---2.5m	3m---4m

XIB 鑫天碧® 温室自动控制系统 Greenhouse control system

豪根道系统

特点:

- ◆ 基于 CANopen 协议（工业控制领域常用）；
- ◆ 融合气候管理、灌溉管理、和能源管理，全面支持温室运营；
- ◆ 极其灵活的系统配置，切实满足客户需求，节约成本；
- ◆ 以人为本，易学好用；
- ◆ 方便的网上培训和远程技术支持。
- ◆ 中文菜单、中文“帮助”
- ◆ 图形化，简单、直观。
- ◆ 客户自由定制



荷兰荷科温室控制系统

特点:

- ◆ 荷兰进口，成熟可靠；
- ◆ 体积小，重量轻，安装简便；
- ◆ 图形操作界面直观、易懂；
- ◆ 传感器+气象站+控制器+控制输出，适合简单的温室环境控制；
- ◆ 价格与国产温室自控系统相当，性价比极高。

一套荷科温室控制系统可以控制:

- ◆ 两套开窗系统；
- ◆ 两套遮阳系统；
- ◆ 环流风机；
- ◆ 两个热风炉；
- ◆ 三个水暖系统混合阀；
- ◆ 补光系统；
- ◆ 湿帘风机系统。

