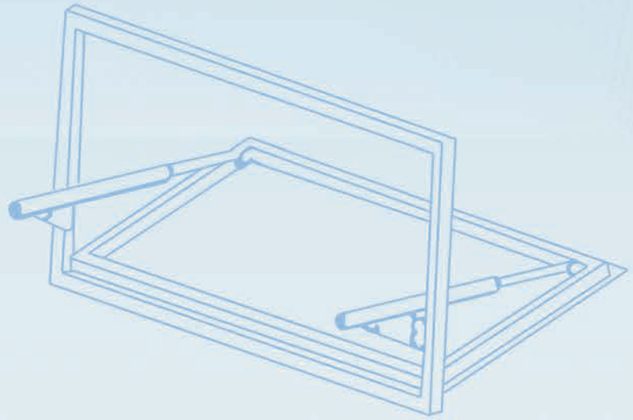
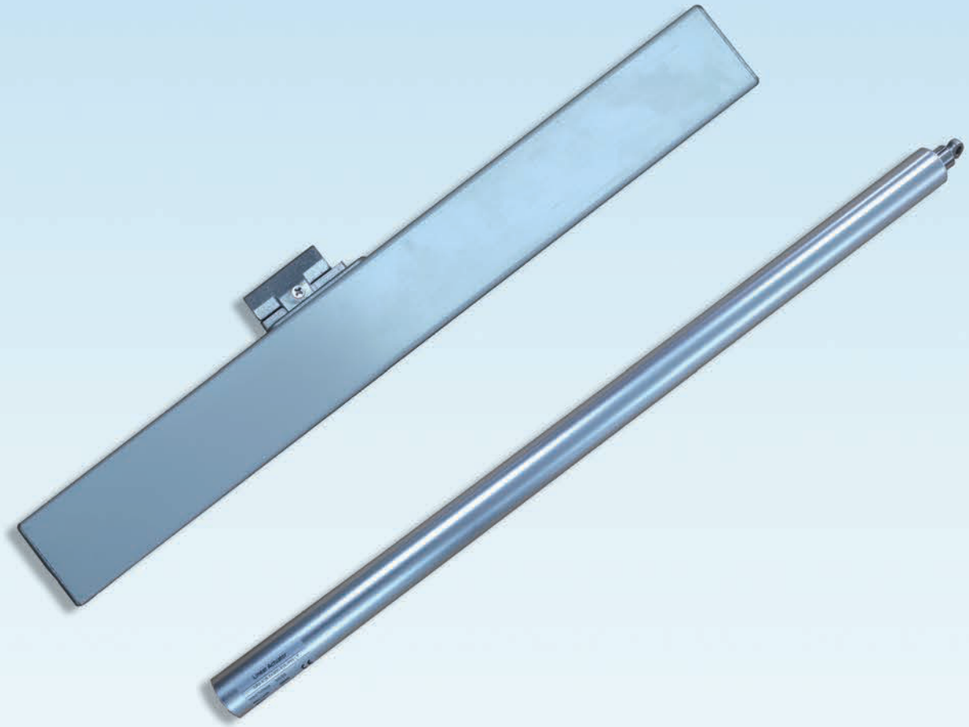
Quality casts the future.



[redacted]

Simon Lixing

National Fire Protection 3
C Certification Qualification
Intelligent Window Control System



China [redacted]

Shandong Simo[redacted]

ENTERPRISE SPIRIT

Corporate Philosophy: Quality First, Reputation First, Customer-Oriented.Corporate Spirit: Boldly innovate, strive for excellence, focus on practical results, and unite in dedication.

Management Philosophy: Advocating self-discipline and implementing regulations to govern enterprises.

Market Philosophy: The market is like an ocean, enterprises are like ships, concepts set the rudder, and integrity serves as the sail.

Business Philosophy: Integrity and Dedication, Technological Innovation, High Quality andEfficiency, Pioneering and Striving.

Talent Philosophy: Attract what I seek, cultivate what I have, utilize what I need, and retain those who align with my vision.

DIRECTORY

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ABOUT US

COMPANY PROFILE

DOWN-TO-EARTH, RIGOROUS AND PRAGMATIC,
COMMITTED TO INNOVATION, AND STRIVING FOR EXCELLENCE.

DOWN-TO-EARTH, RIGOROUS AND PRAGMATIC,
COMMITTED TO INNOVATION, AND STRIVING FOR EXCELLENCE.



Our company primarily manufactures and sells intelligent electric ventilation window systems. The products include smart smoke exhaust window systems, intelligent ventilation window systems, electric window operators series, manual window operators series, and door and window ventilation devices series. Since its establishment, our company has been continuously researching and developing intelligent products. Our company embodies a spirit of continuous advancement and innovation, enhancing modern engineering projects with superior quality, comprehensive services, and well–integrated design.

Our company's products can be applied in airports, hotels, exhibition centers, and conference centers, Public venues such as sports stadiums, large theaters, science and technology museums, shopping centers, greenhouses, and industrial plants effectively address the technical challenge of seamlessly integrating aesthetics, practicality, high transparency, energy efficiency, and economic considerations through the integration of glass curtain walls, transparent roofs, and other elements.

Based on the specific conditions of the project and the requirements of the property owners, our company designs the most reasonable and cost–effective solution, ensuring long–term product lifespan to meet the demands of design and engineering projects.

In the future, the company will continue to uphold the corporate tenets of integrity, stability and professionalism. Leveraging advanced management mechanisms, extensive after–sales service experience and innovative development concepts, and taking "customer satisfaction" as its mission, we will keep shaping a service benchmark in the smart window industry through practical actions, and forge ahead persistently on the path of market and industry development.

SIMON

■ ENTERPRISE QUALIFICATIONS

■ Qualification

COMPANY CERTIFICATION



统一社会信用代码
91370724MA3T5A1N8E

营业执照

（副本） 1-1

名　　称　山东西蒙电器有限公司
类　　型　有限责任公司(自然人独资)
法定代表人　宋明芳
经营范围　电子专用设备制造；电子专用设备销售；门窗制造加工；门窗销售；金属结构制造；金属结构销售；机械零件、零部件加工；电工机械专用设备制造；机械电气设备制造；机械设备销售；机械零件、零部件销售；建筑工程机械与设备租赁；技术服务、技术开发、技术咨询、技术交流、技术转让、技术推广；各类工程建设活动；建材销售。（依法须经批准的项目，经相关部门批准后方可开展经营活动）
注册资本　伍佰万元整
成立日期　2020年05月27日
营业期限　2020年05月27日至　年　月　日
住　　所　山东省潍坊市临朐县辛寨镇张陆河村东200米

登记机关　2021 年 10 月 29 日

国家企业信用信息公示系统网址：http://www.gsxt.gov.cn　市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告　国家市场监督管理总局监制



EETI

编号 (Serial No.): EETI24.0303J

制造单位 Manufacturer	山东西蒙电器
产品名称 Name of Product	消防电动装置
型号规格 Type and specification	XMLG-F DC
产品标准 Standard of Product	Q/XM001-202
防爆标志 Marking	Ex db IIC T4
总装图号 Assembly Drawing No.	

经对上述产品图样及技术文件审查和样

GB/T 3836.1-2021《爆炸性环境
GB/T 3836.2-2021《爆炸性环境

备注：1.证书号后"X"表示特殊使用条
2.定期更换循环泵，保证其基始

发证日期：2024 年 08 月 07 日
Issue Date:

发证单位：苏州电器
Suzhou Electrical
国家防爆电气
China National Center for Qualit

注：本证仅对符合送检样机的产品有效。
Note: This certificate is only valid for the produ
certificate have the responsibility to ensure the
地址(Address): 苏州市吴中区越溪新玛路5号
邮政编码(post code): 215104　电话: 0512
主页: http://www.eeti.cn　E-mail: eta

EETI　防爆合格证

CERTIFICATE OF CONFORMITY

编号(Searai NO.): EETI24.0302X

制造单位 Manufacturer	山东西蒙电器有限公司
产品名称 Name of Product	消防电动装置（消防电动开窗机）
型号规格 Type and specification	XMLT-F DC24V
产品标准 Standard of Product	Q/XM002-2024
防爆标志 Marking	Ex mb IIC T4 Gb
总装图号 Assembly Drawing No.	XMLG-000

经对上述产品图样及技术文件审查和样机检验，确认符合下列标准：

GB/T 3836.1-2021《爆炸性环境 第1部分：设备通用要求》
GB/T 3836.9-2021《爆炸性环境 第9部分：由浇封型 m 保护的设备》

备注：1.证书号后"X"表示特殊使用条件：环境温度-10℃～+60℃；
2.产品存在静电危险，见使用说明书。

发证日期：2024 年 08 月 16 日　有效期至：2029 年 08 月 15 日
Issue Date:　Valid Date:

发证单位：苏州电器科学研究院股份有限公司
Suzhou Electrical Apparatus Science Research Institute Co., Ltd
国家防爆电气产品质量检验检测中心（江苏）
China National Center for Quality Inspection and Test of Explosion Electrical Products (Jiangsu)

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Note: This certificate is only valid for the products which are in conformity with the tested sample. The holder of this certificate have the responsibility to ensure the products complying with relative standard(s).
地址(Address): 苏州市吴中区越溪新玛路5号 No.5 Qianzhu Rd, Yuexi, Wuzhong District,Suzhou
邮政编码(post code): 215104　电话: 0512-69552565 69552164　传真(Fax): 0512-68281686
主页: http://www.eeti.cn　E-mail: eservice@eeti.cn



消防产品认证证书

证书编号：2202208180100003

认证委托人：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生 产 者：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生产企业：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
产品名称：消防电气控制装置(消防电动开窗机控制设备)
认证单元：XMKZX-S
内含：XMKZX-S(主型)
产品认证实施规则：CCCF-CPRZ-15：2019
产品认证基本模式：型式试验 + 初始工厂检查 + 获证后监督
产 品 标 准 ：GB 16806-2006
上述产品符合消防类产品认证实施规则CCCF-CPRZ-15：2019的要求，特发此证。

首次发证日期：2022-06-15
发（换）证日期：2024年05月28日　有效期至：2027年06月14日

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中国消防产品信息网（www.cccf.com.cn）查询。

扫码查验证书信息

应急管理部消防产品合格评定中心

www.cccf.net.cn　北京市东城区东外西革新里平108号 北京市东城区西革新里116号首安嘉园大厦A座二层 邮编：100077　电话：+86 10 87898177



消防产品认证证书

证书编号：2202208180100055

认证委托人：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生 产 者：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生产企业：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
产品名称：消防电动装置（消防电动开窗机）
认证单元：XMLT-F
内含：XMLT-F(主型)
XMLT-T
产品认证实施规则：CCCF-CPRZ-15：2019
产品认证基本模式：型式试验 + 初始工厂检查 + 获证后监督
产 品 标 准 ：GB 16806-2006
上述产品符合消防类产品认证实施规则CCCF-CPRZ-15：2019的要求，特发此证。

首次发证日期：2022-06-21
发（换）证日期：2024年05月28日　有效期至：2027年06月20日

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也可在认监委网站（www.cnca.gov.cn）及
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消防产品认证证书

证书编号：Z2022081801001051

认证委托人：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生 产 者：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生产企业：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
产品名称：消防电动装置（消防电动开窗机）
认证单元：XMHB-S
内含：XMHB-S(主型)
产品认证实施规则：CCCF-CPRZ-15：2019
产品认证基本模式：型式试验 + 初始工厂检查 + 获证后监督
产 品 标 准 ：GB 16806-2006
上述产品符合消防类产品认证实施规则CCCF-CPRZ-15：2019的要求，特发此证。

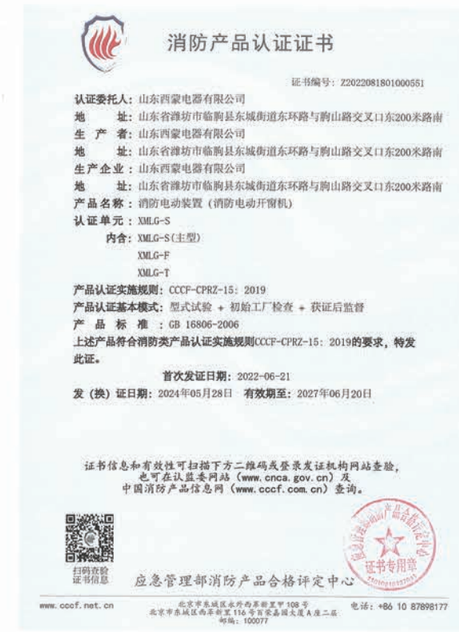
首次发证日期：2022-11-02
发（换）证日期：2024年05月28日　有效期至：2027年11月01日

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消防产品认证证书

证书编号：Z2022081801000551

认证委托人：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生 产 者：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
生产企业：山东西蒙电器有限公司
地　　址：山东省潍坊市临朐县东城街道东环路与朐山路交叉口东200米路南
产品名称：消防电动装置（消防电动开窗机）
认证单元：XMLG-S
内含：XMLG-S(主型)
XMLG-F
XMLG-T
产品认证实施规则：CCCF-CPRZ-15：2019
产品认证基本模式：型式试验 + 初始工厂检查 + 获证后监督
产 品 标 准 ：GB 16806-2006
上述产品符合消防类产品认证实施规则CCCF-CPRZ-15：2019的要求，特发此证。

首次发证日期：2022-06-21
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Certicate of Honor

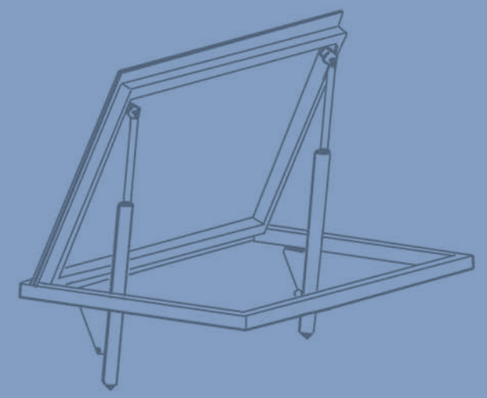






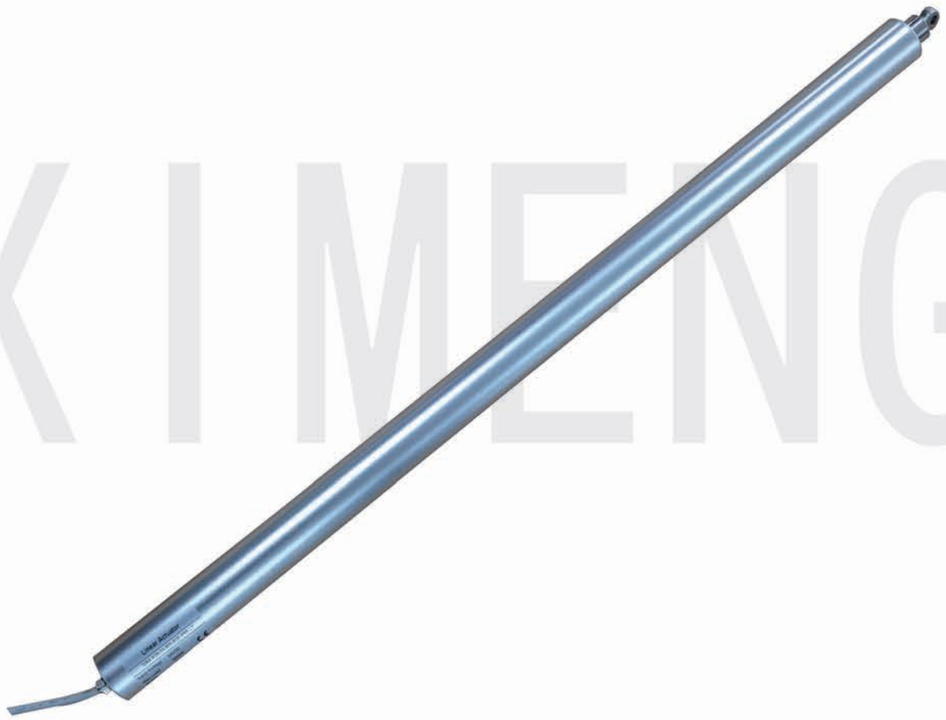


SIMON ■ Product introduction



『SCREW-TYPE WINDOW OPENER』

Precision manufacturing, originating from Germany. 2000N



XIMENG

SIMON LIXING

Classic Case:



Qingdao Rehabilitation University



Wuyue Plaza



Zibo University Town

Features:

- Its exquisite design features a full aluminum alloy casing, offering low energy consumption and maintenance-free characteristics.
- Overload protection to prevent motor overload.
- The push rod is made of aluminum alloy with surface corrosion-resistant treatment (or stainless steel as an optional choice).
  Suitable for long-term humid environments, requiring minimal maintenance and upkeep costs.
- More than 30,000 push-and-pull tests.
- After shutdown, the motor's locking force reaches 2000 N.
- It features strong pushing and pulling force, with a maximum output of 2000N.

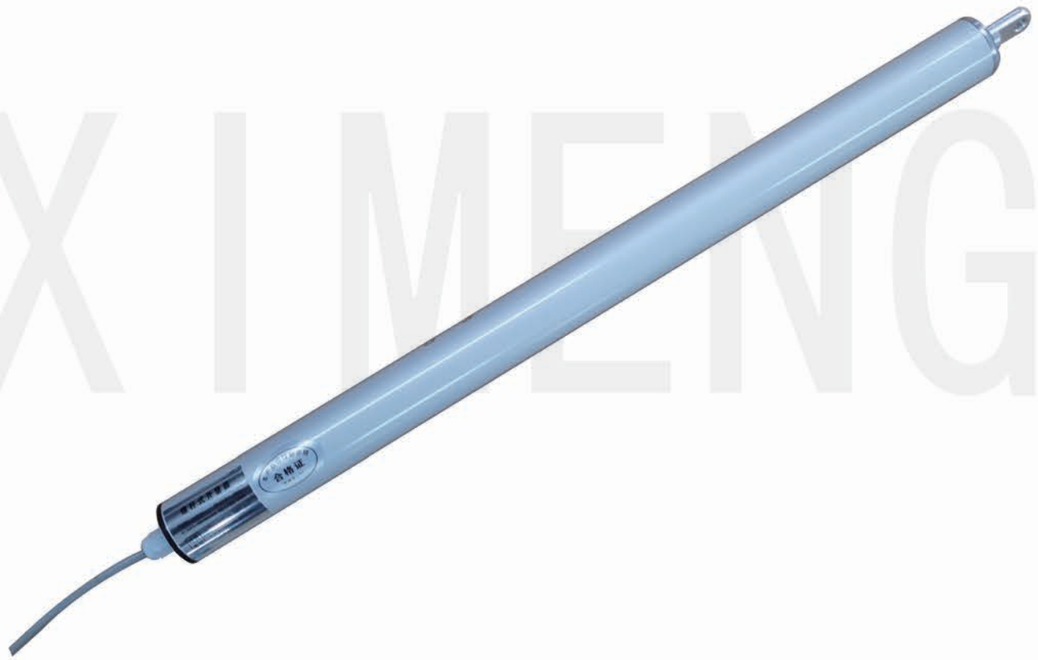
Technical parameters:

Thrust and tension (N): 2000	Mechanical locking function: √
Clamping force (N): 3000	Operating speed: (mm/s): 8
Route length (MN): 100~1500 custom-made	Multi-point lock interconnection: √ Options and configurations
Output type: Screw-type	Maximum window width (m): 2.0
DC motor: √	Minimum window width (m): 0.5
Single-control switch function: √ Options and configurations	Rated voltage (V): DC24
Electric sliding and pushing function: √	Rated current (A): 3.0
Overload protection function: √	Rated power (W) :72
Built-in synchronization function: √ Options and configurations	Protection rating (IP): 65
Fire linkage/daytime ventilation two-level control:	

The company reserves the right of final interpretation.

『 SCREW-TYPE WINDOW OPENER 』

Precision manufacturing, originating from Germany. 1200N



SIMON LIXING

case study



Qingdao Rehabilitation University



Wuyue Plaza



Zibo University Town

characteristic

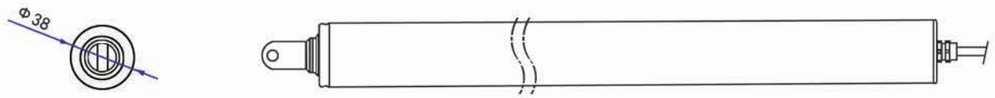
- Its exquisite design features a full aluminum alloy casing, offering low energy consumption and maintenance-free characteristics.
- Overload protection to prevent motor overload.
- The push rod is made of stainless steel with surface corrosion protection, making it suitable for long-term use in humid environments, requiring only minimal Maintenance and upkeep costs
- More than 20,000 push-and-pull tests.
- After shutdown, the motor's locking force reaches 2000 N.
- It features strong pushing and pulling force, capable of outputting up to 1200N, suitable for opening heavy windows.

Technical parameters:

Thrust and tension (N): 1200	Mechanical locking function: √
Clamping force (N): 2000	Operating speed (mm/s): 8
Route length (MN): 100~1500 custom-made	Multi-point lock interconnection: √ Options and configurations
Output type: Screw-type	Maximum window width (m): 1.5
DC motor: √	Minimum window width (m): 0.5
Single-control switch function: √ Options and configurations	Rated voltage (V): DC24
Electric sliding and pushing function: √	Rated current (A): 2.0
Overload protection function: √	Rated power (W) :48
Built-in synchronization function: √ Options and configurations	Protection rating (IP): 65
Fire linkage/daytime ventilation two-level control: √	

The company reserves the right of final interpretation.

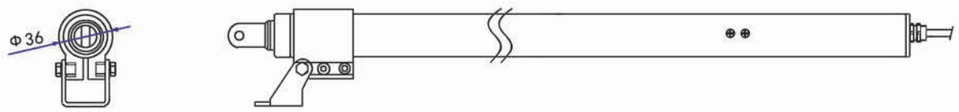
XMLT-Fseries 1200N Dimensions and specifications （24V/DC）



Start with the Travel Configuration and Body Length Reference Table:

开启行程C（mm）	300	400	500	600	700	800	1000
机身长度L（mm）	600	700	800	900	1000	1100	1200

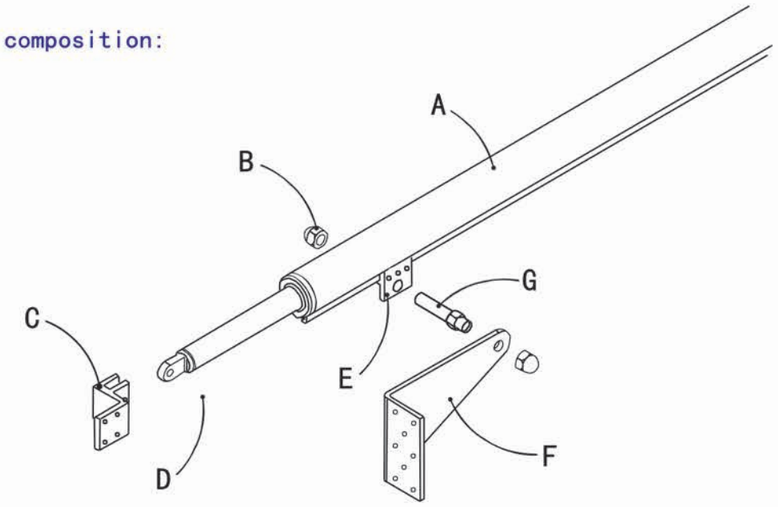
XMLT-Tseries 2000N Dimensions and specifications （24V/DC）



Start with the Travel Configuration and Body Length Reference Table:

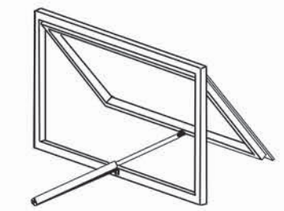
开启行程C（mm）	100	200	300	400	500	600
机身长度L（mm）	390	490	590	690	790	890

Component composition:



A. Push-rod type fire-resistant electric window opener　B. Nut
C. Window sash connector　D. Connecting pin
E. Slider　F. Fixed Bracket　G. Screw

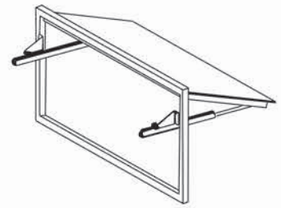
Installation schematic for applicable window types:



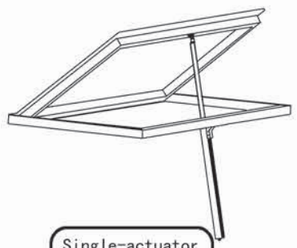
Single-actuator overhead window



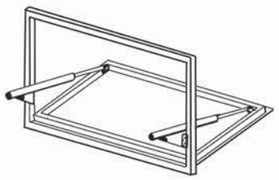
Double push rod overhead window



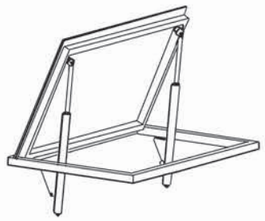
Double-rod large-angle top-hinged window



Single-actuator sunroof

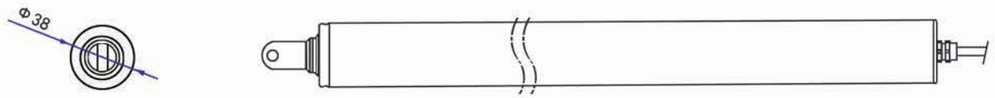


Double-rod hinged outward-opening window with overhang.



Dual-push rod sunroof

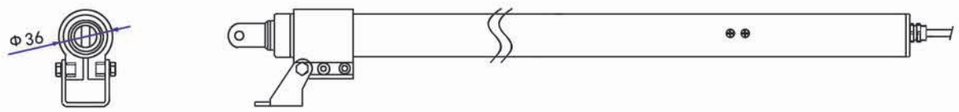
XMLT-Fseries 1200N Dimensions and specifications （24V/DC）



Start with the Travel Configuration and Body Length Reference Table:

开启行程C（mm）	300	400	500	600	700	800	1000
机身长度L（mm）	600	700	800	900	1000	1100	1200

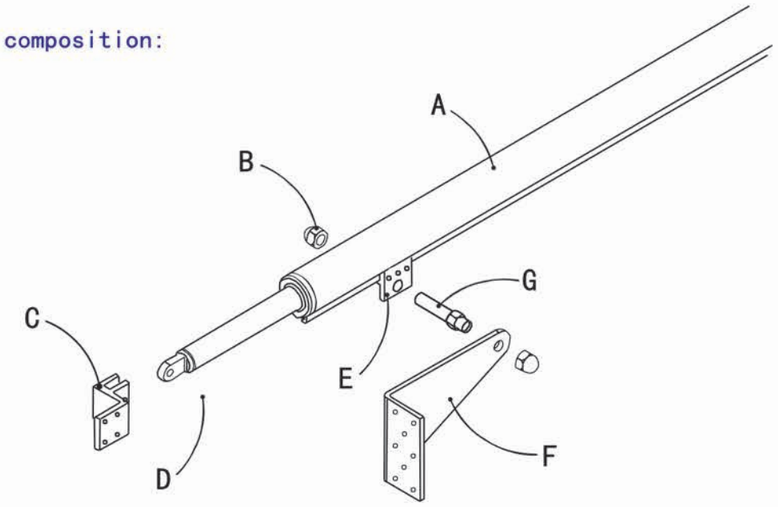
XMLT-Tseries 2000N Dimensions and specifications （24V/DC）



Start with the Travel Configuration and Body Length Reference Table:

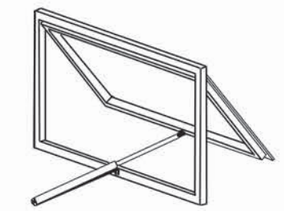
开启行程C（mm）	100	200	300	400	500	600
机身长度L（mm）	390	490	590	690	790	890

Component composition:



A. Push-rod type fire-resistant electric window opener　B. Nut
C. Window sash connector　D. Connecting pin
E. Slider　F. Fixed Bracket　G. Screw

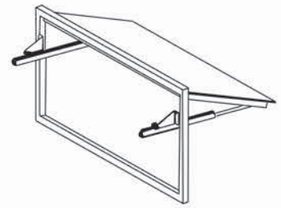
Installation schematic for applicable window types:



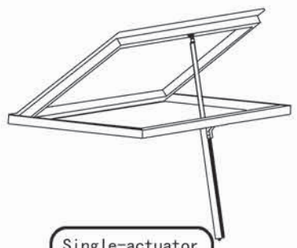
Single-actuator overhead window



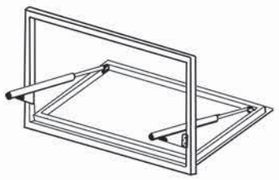
Double push rod overhead window



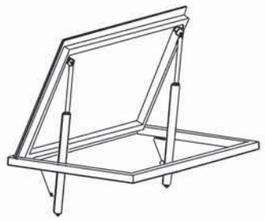
Double-rod large-angle top-hinged window



Single-actuator sunroof



Double-rod hinged outward-opening window with overhang.



Dual-push rod sunroof

『Push-rod style window opener』

Precision manufacturing, originating from Germany.



X IMENG

Simon Lixing

Classic cases:



Wanda Plaza



Le Fu Qiang Commercial Plaza in Shanghai



Shanghai Electrical Shanghe Equipment Industrial Park

Features:

- Its exquisite design features a full aluminum alloy casing, offering low energy consumption and maintenanCe-free characteristics.
- Overload protection to prevent motor overload.
- The push rod is made of aluminum alloy with surface corrosion-resistant treatment (or stainless steel as an optional choice), making it suitable for long-term use in humid environments.It requires only minimal maintenance and upkeep costs.
- More than 30,000 push-and-pull tests.
- After shutdown, the motor's locking force reaches 2000 N.
- It features strong pushing and pulling force, with a maximum output of 1000N.

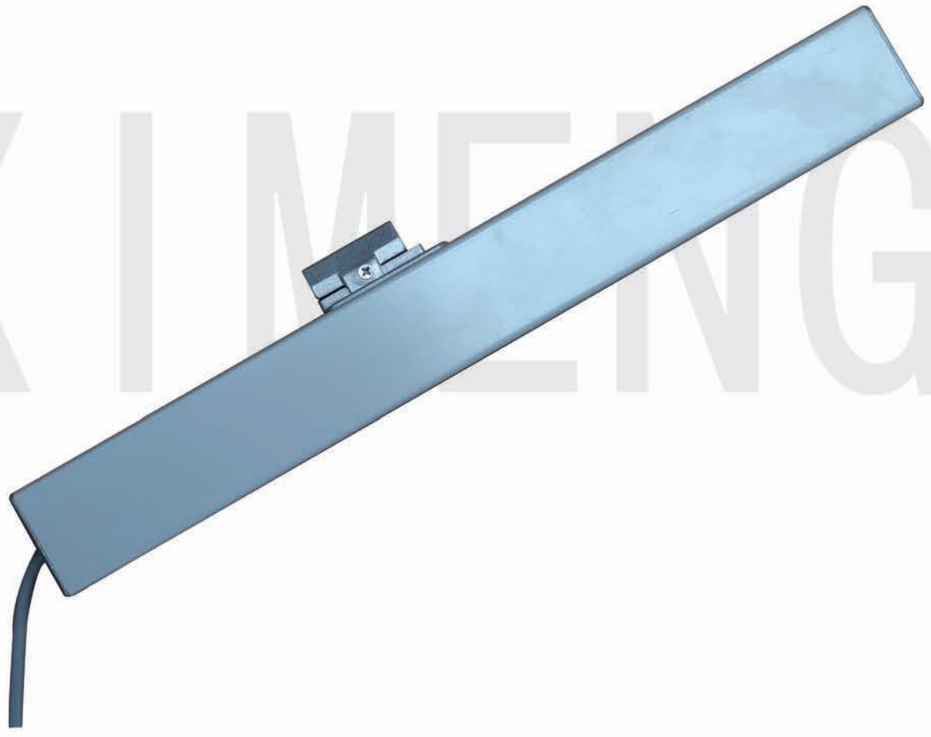
Technical parameters:

Thrust and tension (N): 1000	Mechanical locking function: √
Clamping force (N): 3000	Operating speed (mm/s): 8
Route length (MN): 100~600 custom-madeRoute length	Multi-point lock interconnection: √ Options and configurations
Output method: Push rod type	Maximum window width (m): 1.5
DC motor: √	Minimum window width (m): 0.5
Single-control switch function: √ Options and configurations	Rated voltage (V): DC24
Electric sliding and pushing function: √	Rated current (A): 1.2
Overload protection function: √	Rated power (W) :28.8
Built-in synchronization function: √ Options and configurations	Protection rating (IP): 65
Fire linkage/daytime ventilation two-level control: √	

The company reserves the right of final interpretation.

『 The company reserves the right of final interpretation. 』

Precision manufacturing, originating from Germany.



XIMENG

Simon Lixing

Classic cases:



Tianchang City Public Health Center



Anhui University



Feixi High-Speed Rail Station

Features:

- High-quality high-strength carbon steel chain, with customizable stainless steel chain options.
- Precise electronic overload protection
- Slow opening and closing, along with end-reversal protection functions, safeguard window and door gaskets as well as window operators.
- Two-level separated control system for fire protection and ventilation.
- The intelligent APP supports multiple connection methods including WIFI, Bluetooth 2.4GHz, and infrared.
- Obstacle detection and rebound, intelligent anti-pinch protection.
- Extra-long lifespan with daily repeated opening/closing tests exceeding 100,000 cycles.
- Industry-leading noise reduction level
- Intelligent voltage control ensures stable operation of the equipment.
- The casing is made of aluminum alloy metal, and the color can be customized according to customer requirements.

技术参数：

Thrust and tension (N): 300~600	Mechanical locking function: √
Clamping force (N): 2000	Operating speed (mm/s): 10~18
Route length (MN): 100~1000 custom-madeRoute length	Multi-point lock interconnection: √ Options and configurations
Output method: Single chain	Maximum window width (m): 1.5
DC motor: √	Minimum window width (m): 0.5
Single-control switch function: √ Options and configurations	Rated voltage (V): DC24
Electric sliding and pushing function: √	Rated current (A): 1.2
Overload protection function: √	Rated power (W): 28.8
Built-in synchronization function: √ Options and configurations	Protection rating (IP): 32
Fire linkage/daytime ventilation two-level control: √	

The company reserves the right of final interpretation.

『Single-chain rain-sensitive window opener』

Precision manufacturing, originating from Germany.



XIMENG

Simon Lixing





Features:

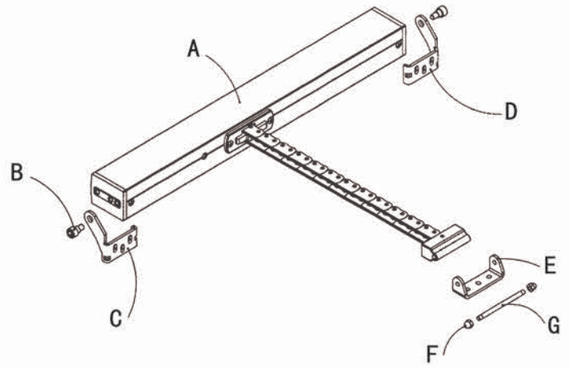
- High-quality high-strength carbon steel chain, with customizable stainless steel chain options.
- Precise electronic overload protection
- Slow opening and closing, along with end-reversal protection function to safeguard window and door gaskets and window operators.
- Two-level separated control system for fire protection and ventilation.
- Encountering resistance and rebounding, with daily repeated opening and closing tests exceeding 100,000 times.
- Industry-leading noise reduction level
- Intelligent voltage control ensures stable operation of the equipment.
- The casing is made of aluminum alloy metal, and the color can be customized according to customer requirements.

Technical parameters:

Thrust and tension (N): 300~600	Mechanical locking function: √
Clamping force (N): 2000	Operating speed (mm/s): 10~18
Route length (MN): 100~1000 custom-madeRoute length	Multi-point lock interconnection: √ Options and configurations
Output method: Push rod type	Maximum window width (m): 1.5
DC motor: √	Minimum window width (m): 0.5
Single-control switch function: √ Options and configurations	Rated voltage (V): DC24
Electric sliding and pushing function: √	Rated current (A): 1.2
Overload protection function: √	Rated power (W) :28.8
Built-in synchronization function: √ Options and configurations	Protection rating (IP): 32
Fire linkage/daytime ventilation two-level control: √	

The company reserves the right of final interpretation.

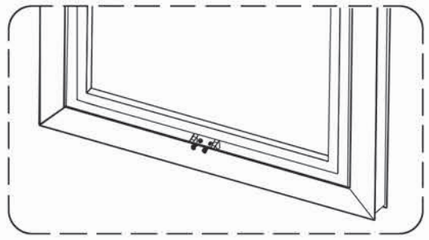
XMLT-FSeries of components



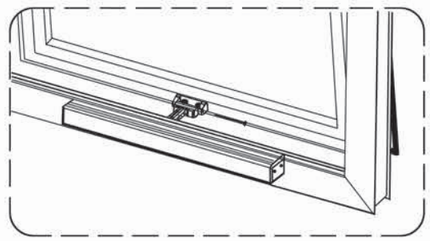
A. Chain-type fire-resistant electric window opener B. Bracket screw
C. Left bracket D. Right bracket
E. Window Fan Connector (U-shaped Bracket) F. Nut G. Screw

Start the journeyC（mm）	300	400	500	600	750	1000
Body lengthL（mm）	420	470	520	570	620	670

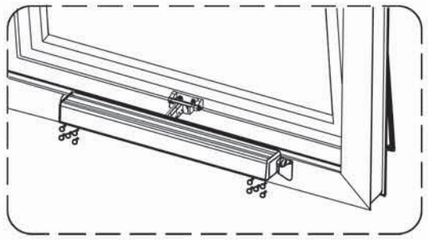
Installation step diagram



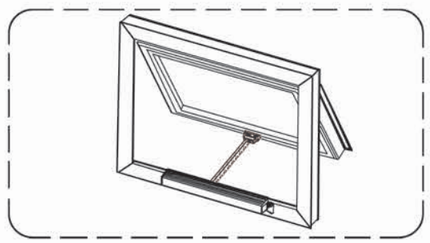
1、Install the window sash connector at the center position of the window sash, using two 2# screws at this location.



2、Extend the window opener chain by about 5 centimeters, and connect the chainhead to the window sash connector.Connect one 3# screw properly.

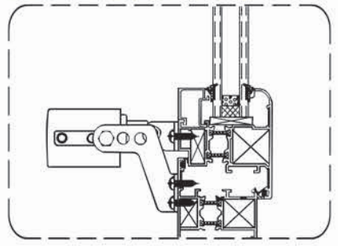


3、First, connect the bracket screws to the left and right brackets, then mount thebrackets onto the window frame.Ten 1# screws are used here.

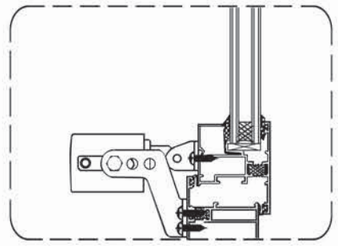


4. Upon completion of installation, connect the fire protection electrical control device and initiate the start-up and trial operation.

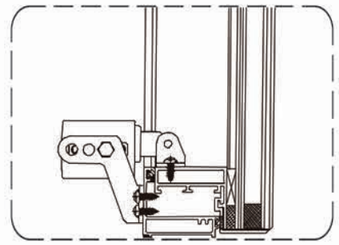
Installation Node Diagram for Window Ventilator



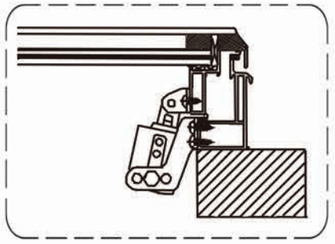
Type 1: Facade window, aluminum alloy profile window. When closed, the window frame and the inner surface of the sash are flush. Select the first hole on the left of the support bracket and connect it to the third hole on the left of the window opener.



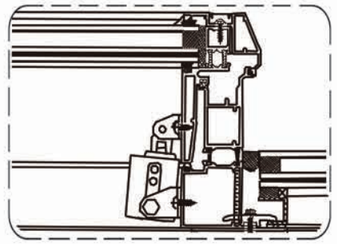
Type 2: Facade windows, aluminum alloy profile windows, where the window frame and sash are not flush when closed, with a difference of about 1 cm. Select the leftmost hole of the support bracket and open... Connect to the second hole from the left on the window fixture.



Type 3: Facade curtain wall windows, which close when...
The frame is perpendicular to the inner surface of the window sash, and the third hole on the left of the bracket should be connected to the second hole on the left of the window

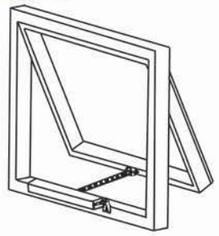


Type 4: Skylight, where the window frame aligns with the window when closed.
The inner surface of the fan is uneven; select the second hole from the left on the bracket and connect it to the lowest hole of the window opener.

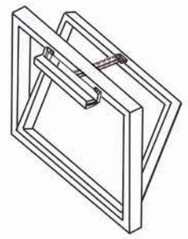


Type 5: Skylight, where the window frame aligns with the window when closed.
The inner surface of the panel is uneven; select a specialized skylight bracket and connect it to the lowest hole of the window opener.

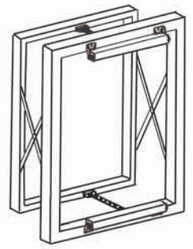
Installation schematic for applicable window types



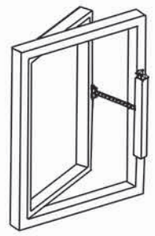
Upper-hanging outward-opening



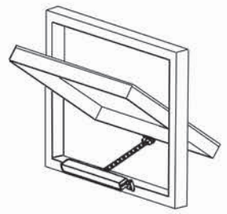
Upper suspension, external inversion.



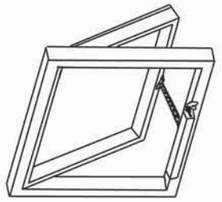
Sliding window



Pivot window



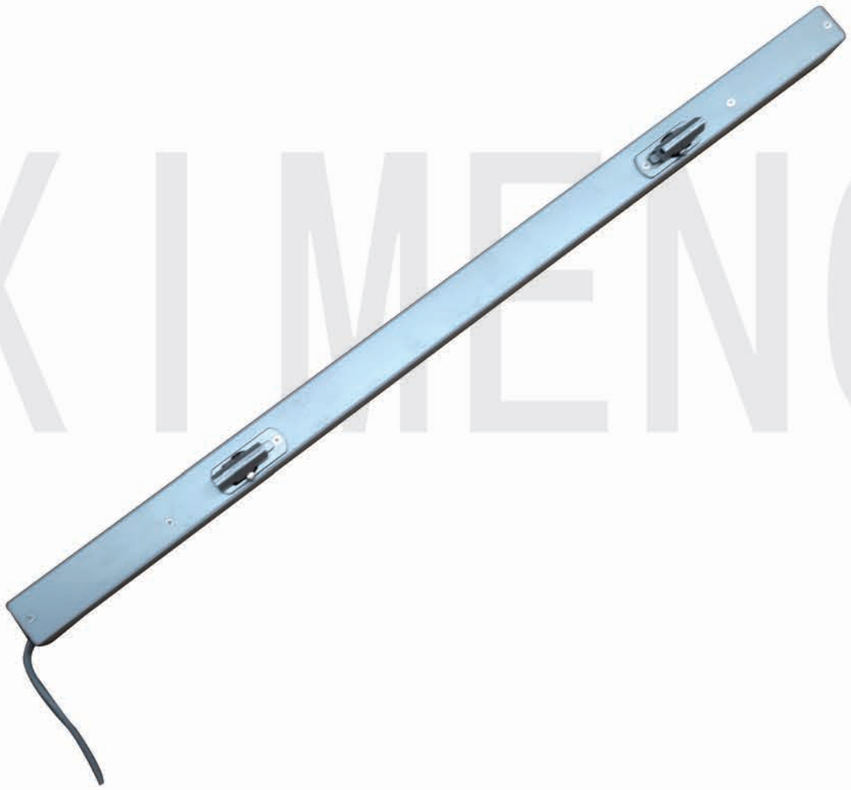
Center-hung window



skylight

『24V double chain window opener』

Precision manufacturing, originating from Germany.



XIMENG

Simon Lixing

Classic Projects



Chengdu Blood Center



Wuhan Dongxihu Cultural Center



Shucheng Integrated Chinese and Western Medicine Hospital

Features

- High-strength carbon steel chains, stainless steel chains available on request.
- Built-in precision synchronization module.
- Precise electronic overload protection.
- Soft opening & closing with end reverse protection, to protect window seals and the opener.
- Two-stage control system for fire ventilation.
- Supports multiple connection methods: Smart APP, WiFi, Bluetooth, 2.4GHz, Infrared.
- Obstacle rebound & intelligent anti-pinch function.
- Ultra-long service life: over 100,000 open-close cycles tested.
- Industry-leading low noise level.
- Intelligent voltage control to ensure stable equipment operation.
- Aluminum alloy housing, color customizable.

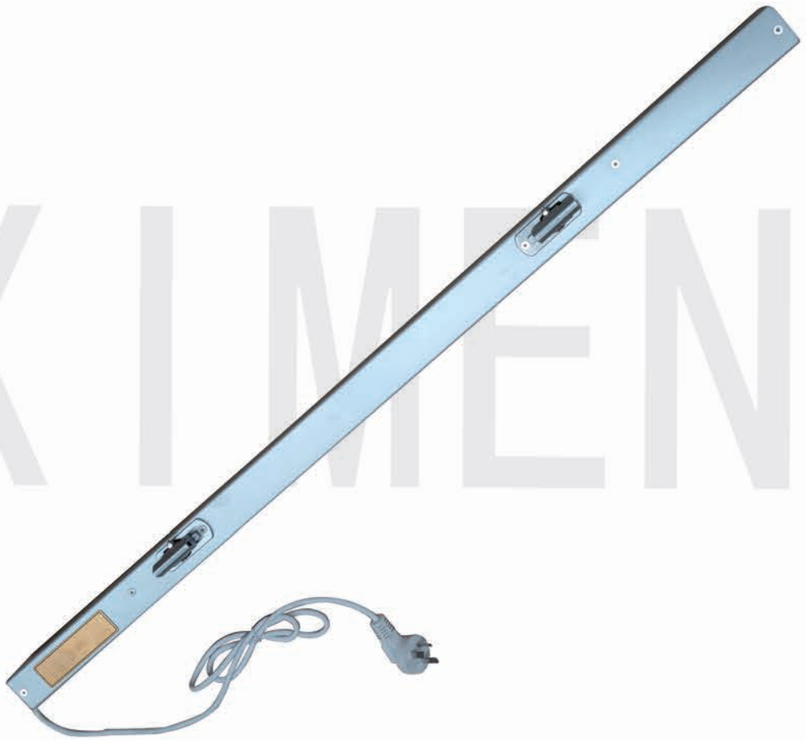
Technical Parameters

Item	Specification	Item	Specification
Thrust & Tractive Force (N)	600~1000	Mechanical Locking	✓
Locking Force (N)	4000	Running Speed (mm/s)	10~18
Stroke Length (mm)	100~1000 (Customizable)	Multi-point Lock Linkage	✓ (Optional)
Output Type	Double Chain	Max. Window Width (m)	2.5
DC Motor	✓	Min. Window Width (m)	1
Single Control Switch	✓ (Optional)	Rated Voltage (V)	DC24
Electric Push & Pull	✓	Rated Current (A)	2.4
Overload Protection	✓	Rated Power (W)	57.6
Built-in Synchronization	✓ (Optional)	Ingress Protection (IP)	32
Two-stage Control for Fire Linkage / Daily Ventilation	✓		

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『Double Chain Rain-Sensing Window Opener』

Precision Engineering, German Craftsmanship



XIMENG

SIMON

Simon Lixing





Features

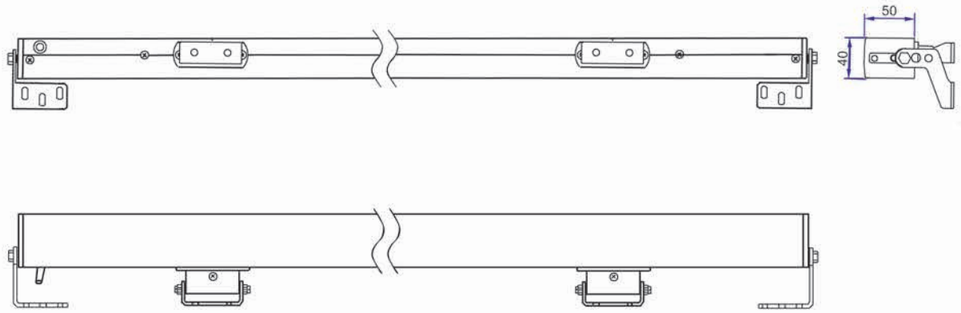
- ◆ High-strength carbon steel chains; stainless steel chains available on request.
- ◆ Built-in precision synchronization module.
- ◆ Precise electronic overload protection.
- ◆ Soft opening & closing with end reverse protection to protect window seals and the opener.
- ◆ Ultra-long service life: over 100,000 open-close cycles tested.
- ◆ Industry-leading low noise performance.
- ◆ Intelligent voltage control to guarantee stable operation of equipment.
- ◆ Aluminum alloy housing, customizable colors.

Technical Parameters

Item	Specification	Item	Specification
Thrust & Tractive Force (N)	600~1000	Mechanical Locking	✓
Locking Force (N)	4000	Running Speed (mm/s)	10~18
Stroke Length (mm)	100~1000 (Customizable)	Multi-point Lock Linkage	✓ (Optional)
Output Type	Double Chain	Max. Window Width (m)	2.5
DC Motor	✓	Min. Window Width (m)	1
Single Control Switch	✓ (Optional)	Rated Voltage (V)	DC24
Electric Push & Pull	✓	Rated Current (A)	2.4
Overload Protection	✓	Rated Power (W)	57.6
Built-in Synchronization	✓ (Optional)	Ingress Protection (IP)	32
Two-stage Control for Fire Linkage / Daily Ventilation	✓		

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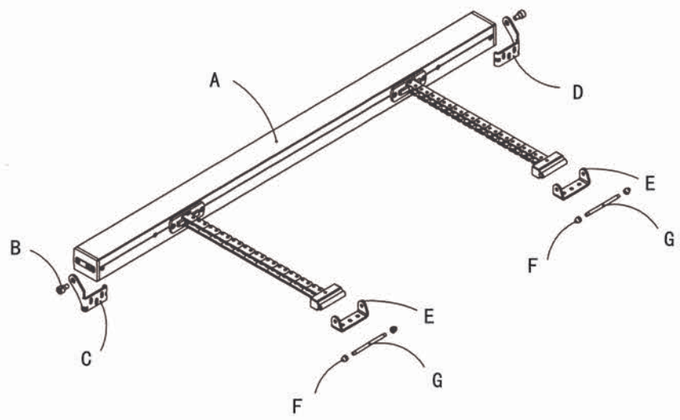
XMLT-F Series Dimension Specification (24V/DC)



Opening Stroke & Body Length Comparison Table

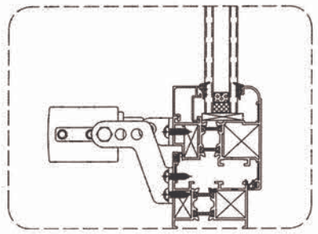
Opening Stroke C (mm)	300	400	500	600	700	800
Body Length L (mm)	840	940	1040	1140	1240	1340

Component Composition

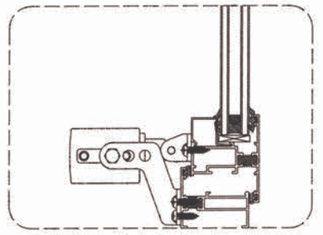


A. Chain-type Fire Window Opener
B. Bracket Screw
C. Left Bracket
D. Right Bracket
E. Sash Connector (U-shaped Bracket)
F. Nut
G. Screw

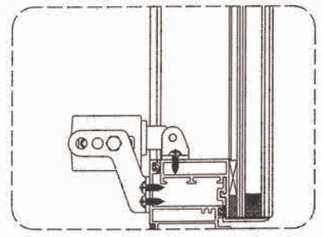
Type 1: Facade Window, Aluminum Alloy Profile



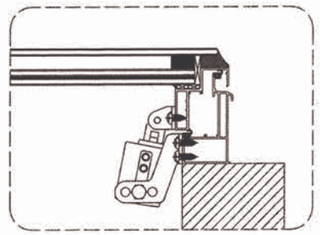
Type 1: Facade Window, Aluminum Alloy Profile
When closed, the window frame is flush with the inner wall of sash. Use the 1st hole of bracket to connect with the 3rd hole of opener.



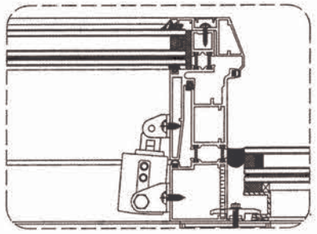
Type 2: Facade Window, Aluminum Alloy Profile
When closed, the window frame is not flush with the inner wall of sash with a gap of approx.10mm. Use the 1st hole of bracket to connect with the 2nd hole of opener.



Type 3: Facade Curtain Wall Window
When closed, the window frame is perpendicular to sash inner face. Use the 3rd hole of bracket to connect with the 2nd hole of opener.

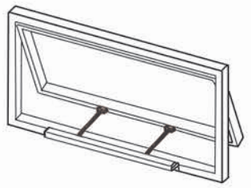


Type 4: Skylight,When closed, the window frame is not flush with the inner wall of sash. Use the 2nd hole of bracket to connect with the bottom hole of opener.



Type 5: Skylight,Use dedicated skylight bracket; connect the bottom hole of skylight bracket with the bottom hole of opener.

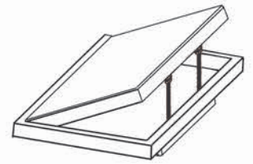
Installation Diagram for



Top-hung Outward Window



Bottom-hung Outward Window



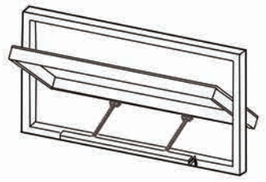
Skylight



Horizontal Sliding Window



Casement Window



Center-hung Window

『Electric External Swing Arm Window Opener』

Precision Engineering, German Craftsmanship



XIMENG

SIMON

Simon Lixing







External Swing Arm Window Opener



External Swing Arm Slide Rail

Features

- Smooth and powerful output
- Obstacle detection protection function
- Safe DC24V power supply
- Easy external installation with elegant appearance

Technical Parameters

Specification Item	Technical Data
Voltage (V)	24V DC ±10%
Motor Torque (N·m)	<1 N·m
Max. Operating Current (A)	1
Opening Angle (°)	90°
Pushing Speed (mm/sec)	8
Ambient Temperature (℃)	-15 ~ +75
Ingress Protection (IP)	65

『# Explosion-proof Control Box』

Precision Engineering, German Craftsmanship



Simon Lixing

Classic Projects



Dongping Economic Development Zone Food Processing Plant



Jincheng Pharmaceutical



Qilu Pharmaceutical

Features

- Smooth and powerful output
- Obstacle detection protection function
- Safe DC24V power supply
- Convenient external installation with elegant appearance

Technical Parameters

Specification Item	Technical Data
Rated Voltage	220V, 380V
Rated Current	10A, 20A, 50A
Ingress Protection	IP54, IP65
Overall Dimension (L×W×H)	430mm×360mm×200mm
Installation Method	Wall-mounted, Floor-standing, Recessed and other installation types
Material	The enclosure is generally made of high-quality explosion-proof materials such as cast aluminum alloy and stainless steel, featuring good strength and corrosion resistance.

『 Explosion-proof Chain Window Opener 』

Precision Engineering, German Craftsmanship



XIMENG

Simon Lixing

Classic Projects



Vienna International Hotel



Suzhou Yujin Hotel



Zhongwei High-Tech Chemical Co., Ltd.

Features

- Smooth and powerful output
- Obstacle detection protection function
- Safe DC24V power supply
- Convenient external installation with elegant appearance

Technical Parameters

Specification Item	Technical Data
Stroke	300mm, 400mm, 500mm, etc.
Thrust & Tractive Force	Approx. 800N - 3000N
Transmission Efficiency	Approx. 60% - 85%
Chain Speed	Approx. 20 - 50mm/s
Rated Voltage	220V, 380V commonly used
Rated Current	5A, 3A, 6A, etc.

『 Explosion-proof Screw Type Window Opener』

Precision Engineering, German Craftsmanship**



Simon Lixing

Classic Projects



Tengger Zhongwei Power Plant



Dezhou Hengli Electric Motor Co., Ltd.



Fengshi Yangcheng 110kV Substation

Features

- Smooth and powerful output
- Obstacle detection protection function
- Safe DC24V power supply
- Convenient external installation with elegant appearance

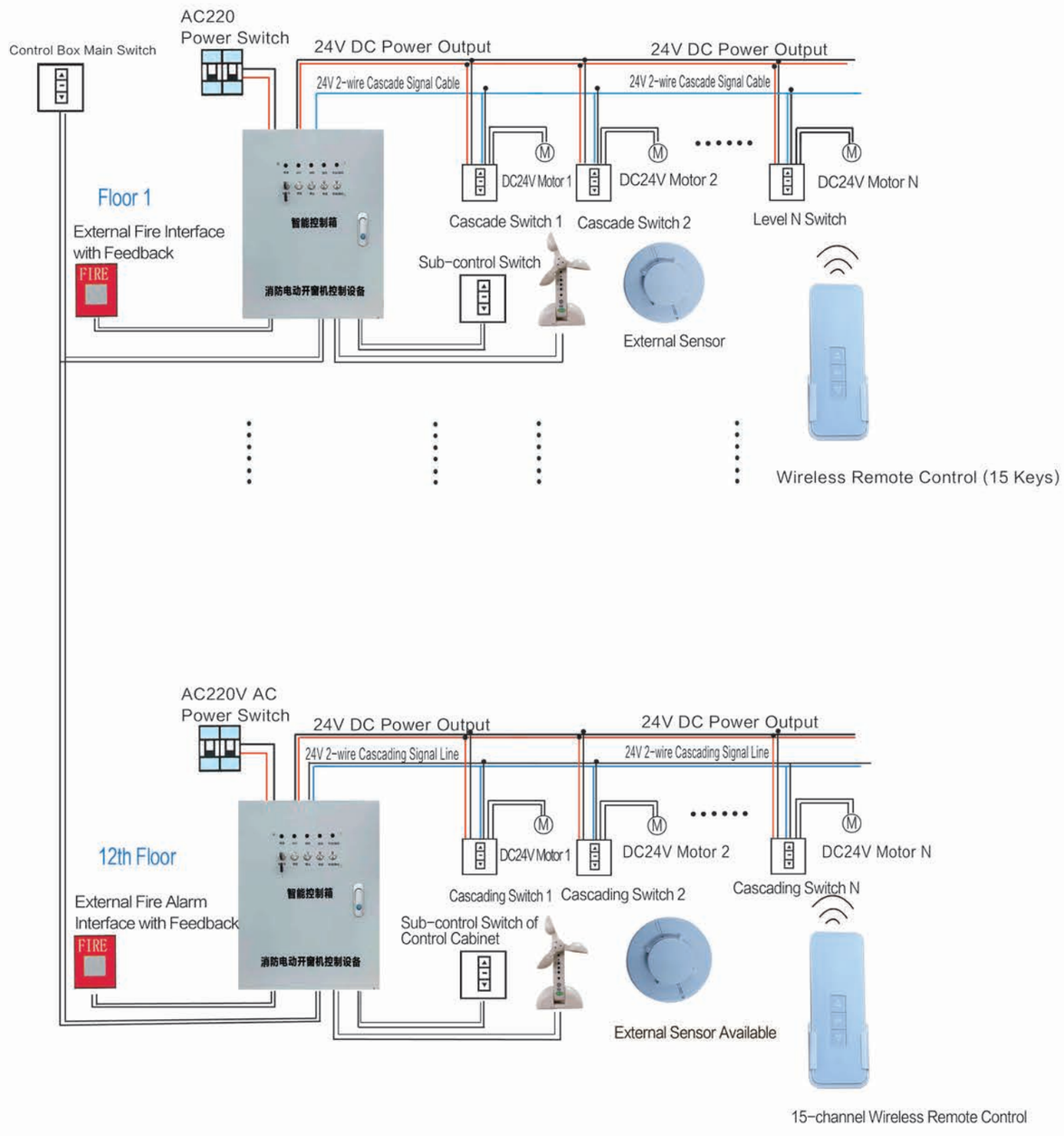
Technical Parameters

Specification Item	Technical Data
Stroke	200mm, 300mm, 400mm
Thrust & Tractive Force	500N - 2000N approx.
Transmission Efficiency	70% - 90% approx.
Rated Voltage	24V, 220V, 380V commonly used
Rated Current	1A, 2A, 5A

『 High-power Fire Linked Control Box』

Precision Engineering, German Craftsmanship





◆ This fire linked control box consists of a main control box. The main controller provides fire feedback signal output and 2-channel motor output (20A). Sub-control box supports maximum 80A current output.

◆ Fire signal has absolute priority: it responds to window opening signal within 15 seconds upon receiving fire alarm signal and ignores other operations.

◆ Equipped with DC24V fire signal input and dry contact switch fire signal input.

◆ External manual pull station supports local emergency and central emergency input.

◆ Compatible with wind, rain, smoke and gas sensors.

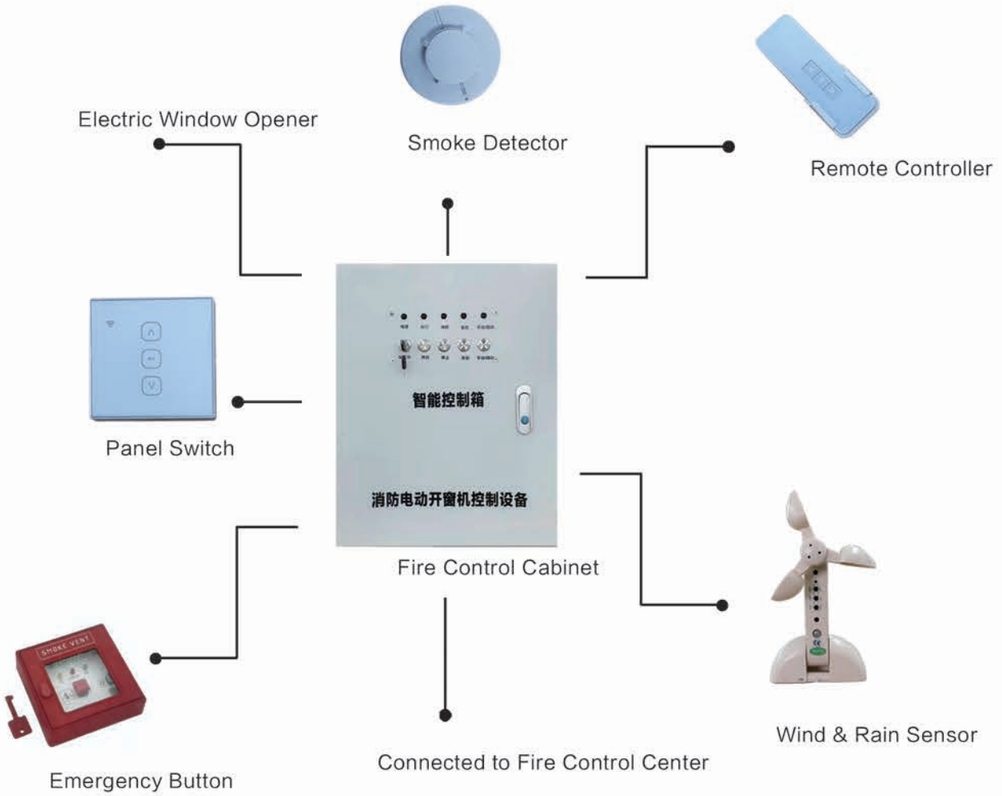
◆ 485 communication interface for central control.

◆ Reset button available for fire alarm reset.

◆ Cascade signal input interface, works with fire main controller to realize grouped motor control.

Intelligent Control System

Intelligent Smoke Exhaust & Ventilation Control System and Wiring Diagram



Features

- ◆Adopts microcomputer control chip, greatly improving product quality and reliability
- ◆Backup battery supports 72-hour operation in case of power failure
- ◆Priority processing design for registration of multiple models
- ◆Basic daily ventilation and daylighting functions
- ◆Fire network linkage function
- ◆New models can be designed and developed according to customer requirements



Touch Glass Panel Switch (Built-in Remote Receiver)
Model: XM0506



Touch Glass Panel Ventilation Switch (White)
Model: XM031S
Rated Voltage: 5V DC



Temperature Sensor
Model: XM0208
Rated Voltage: 24V DC



Synchronizer
Model: XM0305
Rated Voltage: 24V DC



Wireless Rain Sensor
Model: XM0508
Rated Voltage: 24V DC



Emergency Button
Model: XM0561
Rated Voltage: 5V DC



Smoke Detector
Model: XM0315
Rated Voltage: 24V DC



Wind Sensor
Model: XM0312
Rated Voltage: 24V DC



Rain Sensor
Model: XM0309
Rated Voltage: 24V DC

『Manual Chain Window Opener』

Precision Manufacturing, German Technology



XIMENG

Simon Lixing

Classic Projects



Weifang Airport



Zhongfang Siji Huacheng



Linzi University for the Elderly

特点：

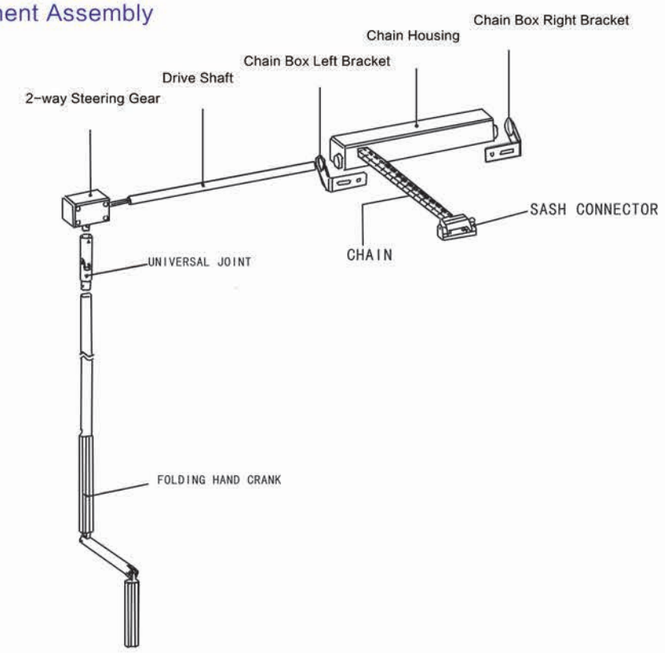
- ◆Compact design with full aluminum alloy housing, low power consumption and maintenance-free.
- ◆Integrated mechanical transmission, easy installation, reliable and durable.
- ◆Can drive 1 to 4 windows subject to window size.
- ◆The opener is equipped with reliable self-locking function.
- ◆Detachable hand crank is optional for space saving.

技术参数：

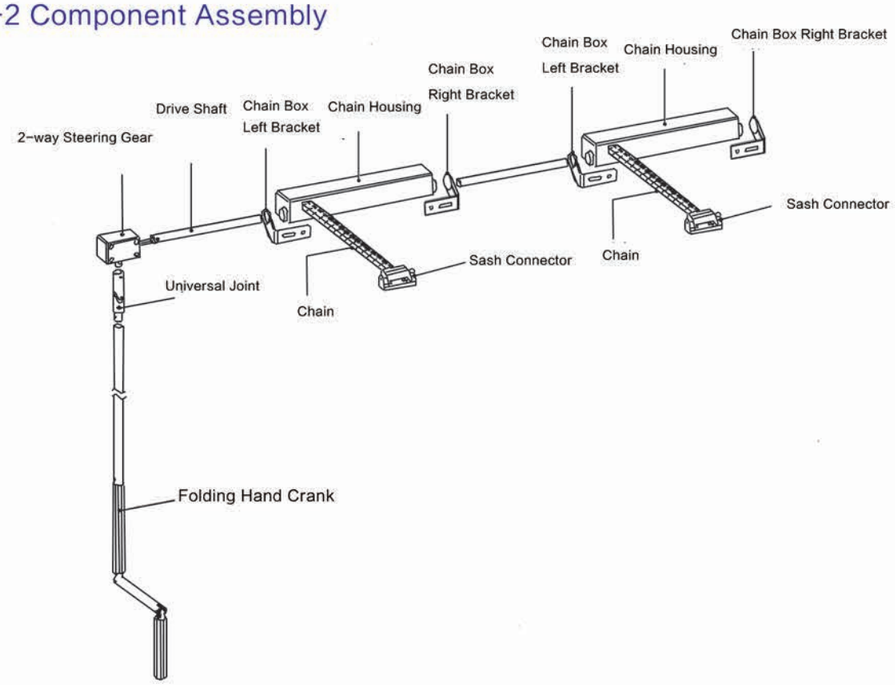
Thrust & Pull Force (N): 200~500	Multi-window Linkage Function: ✓ (Optional)
Locking Force (N): 2000	Linked Sash Quantity: 3
Stroke Length (mm): 100~1000 (Customizable)	Max. Window Width (m): 1.5
Manual Push-Pull Function: ✓	Min. Window Width (m): 0.5
Detachable Crank Function: ✓ (Optional)	Rotations (R): 1.5
Mechanical Locking Function: ✓	Applicable Height (m): 1.5~4 (Optional)

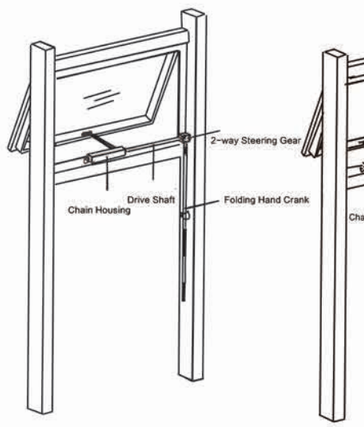
The company reserves the right of final interpretation.

1-Drive-1 Component Assembly

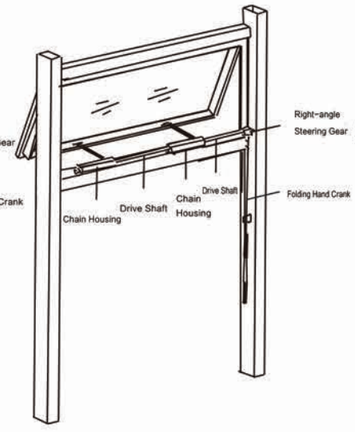


1-Drive-2 Component Assembly

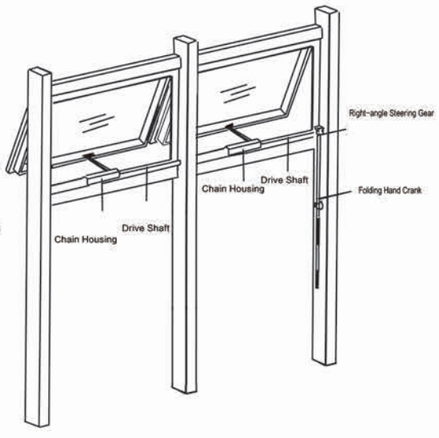




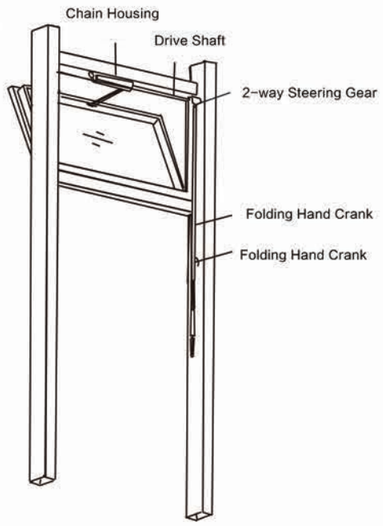
Manual Chain Top-hung Window



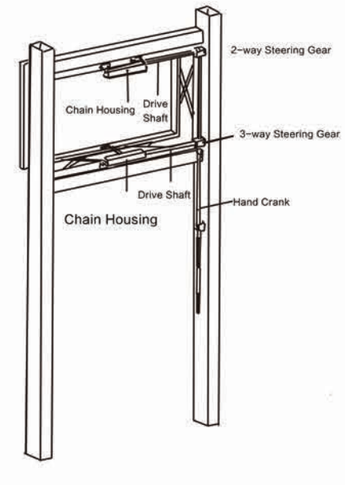
Double-chain Manual Top-hung Window



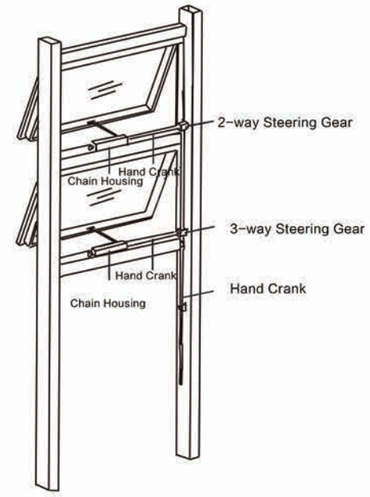
Horizontal 1-Drive-2 Manual Chain Top-hung Window



Manual Chain Bottom-hung Outward Tilt Window



Manual Chain Sliding Window

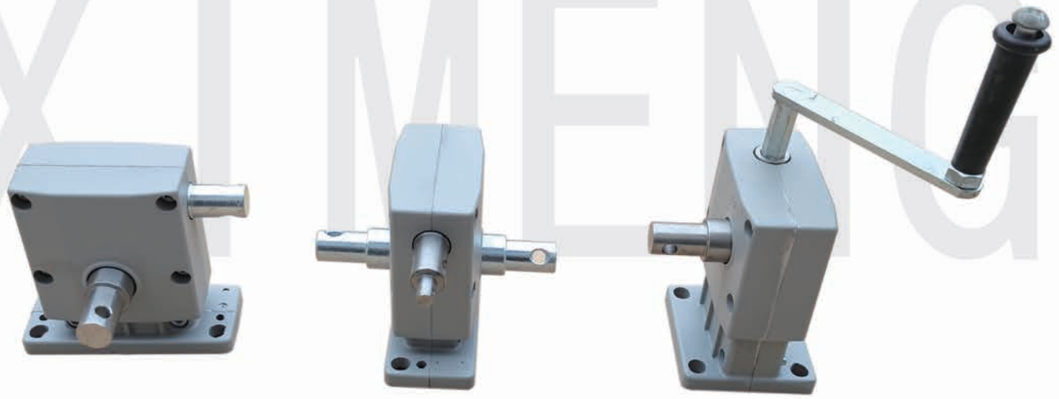


Vertical 1-Drive-2 Manual Chain Top-hung Window

『Manual Crank Arm Window Opener』

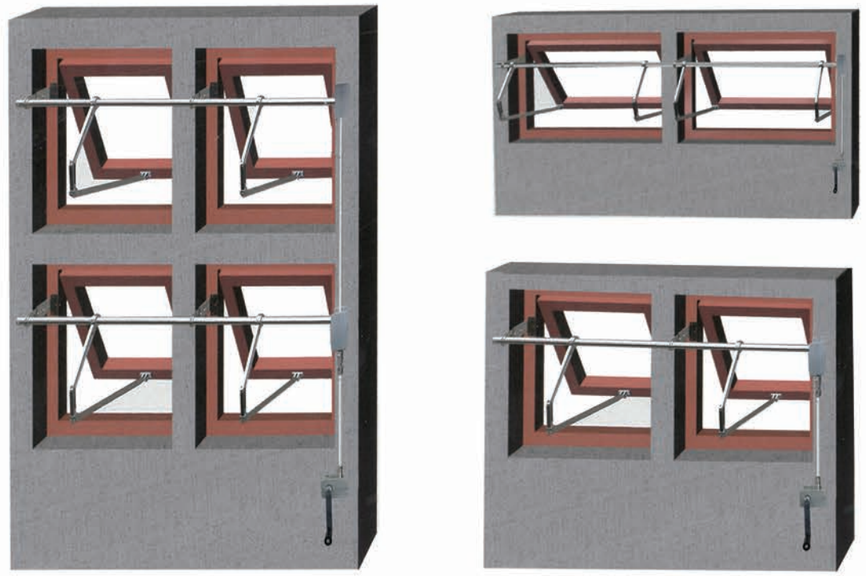
Precision manufacturing, originating from Germany.

XIMENG



Simon Lixing

Window Type Installation Diagram



Features

- ◆ Smooth and powerful output
- ◆ Multiple thrust options available
- ◆ Extremely rigid material ensures safe and balanced operation of the actuator
- ◆ Over 20,000 push & pull cycle tests
- ◆ Static locking force: 1000N
- ◆ Protection Class: IP32

Technical Parameters

Specification	Technical Data
Locking Force (N)	1000
Opening Angle (°)	30° ~70°
Pushing Speed (mm/sec)	8
Ambient Temperature (℃)	-15~+75
Protection Class (IP)	32

SIMON

■ Classic case



Project Name: University of Rehabilitation

Project Location: Qingdao City, Shandong Province

Product Used: Electric Double Screw Window Opener

Quantity: 4,820 Sets



Project Name: Zibo University Town

Project Location: Zibo City, Shandong Province

Product Used: Manual Chain Window Opener

Quantity: 3,580 Units



Project Name: Shanghai Electric SCO Equipment Industrial Park

Project Location: Jiaozhou City, Shandong Province

Product Used: Electric Double Screw Window Opener

Quantity: 10,560 Units



Project Name: National Fitness Center

Project Location: Tianchang City, Anhui Province

Product Used: Electric Double Screw Window Opener

Quantity: 2,230 Units

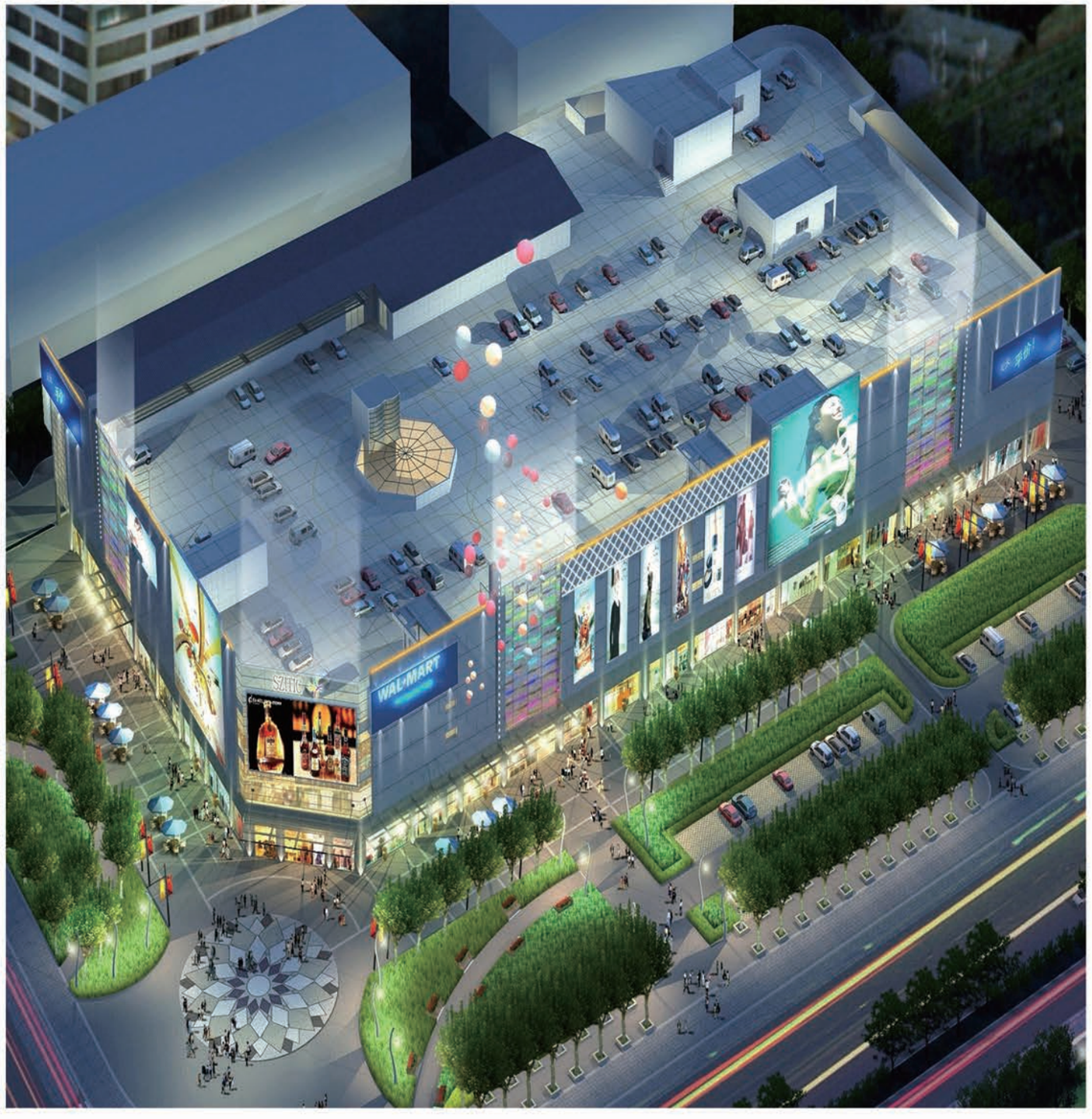


Project Name: Wuhan No.1 World

Project Location: Wuhan City, Hubei Province

Product Used: Electric Double Screw Window Opener

Quantity: 3,260 Units



Project Name: Lefuqiang Commercial Plaza

Project Location: Pudong New Area, Shanghai

Product Used: Electric Chain Window Opener

Quantity: 2,850 Units



Project Name: Feixi High-speed Railway Station

Project Location: Hefei City, Anhui Province

Product Used: Electric Chain Window Opener

Quantity: 1,940 Units

西蒙 · 立兴

Selected Domestic Partners

In no particular order

