

MAU FENG HARDWARE

Roll Up Door Solution Provider



YOUR BEST CHOICE

MAU FENG HARDWARE

Established from 1980, we have become the Taiwan leading manufacturer in roller shutter industry.

We are not just manufacturer, but also solution provider.

In order to provide the better service and quality, we constantly upgrade in technique, facilities, and production processes. We also keep to reinforce our abilities of OEM and cost-control.

When you need solutions for roller door, **Mau Feng Hardware** is absolutely your best choice.

EXPORT MARKET

Our customers have distributed over Asia, Middle East, Australia, America, and West Europe.

HISTORY

- 1980 – Establish Mau Feng Hardware
Start from Press Punch Line for accessories of manual roller shutter
- 2000 – Expand into Australian roller door domain
Establish Whole Plant Equipment know-how
Invest Plastic Injection Factory
Build flexible & competitive production hierarchy
- 2005 – Transform as Solution Provider, not only Manufacturer
Set up Spring Forming Line, open new market & reinforce mold supply chain
- 2010 – Acquire HJ roller shutter operator
Become the comprehensive manufacturer
Establish full series of product
- 2013 – Develop & Realize 10 kinds of roller shutter operator
Custom Made Order Oriented



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DOOR DESIGN

COLOR BOND ROLLER DOOR

The light weight door panel is made of HIGH TENSILE AL-ZN ALLOYED STEEL with superior corrosion resistance, and supply colorful choices for modern style.



TRADITIONAL ROLLER SHUTTER

The door slat can be made of STAINLESS STEEL, GALVALUME, or PREPAINTED STEEL, and it can be built up to more than 10 meter wide. Its reliability and durability continues to fulfill heavy-duty and industry request.





ALUMINUM ROLLER DOOR

The powder coating ALUMINUM door slat can supply more colorful choices, and durability. Moreover, it is more rigid and can be applied in different design.



POLYCARBONATE ROLLER DOOR

The See-Through door slat is made of POLYCARBONATE with high impact resistance, and it can also be displaced by Non See-Thru Aluminum slat. Provide both advantages of security and visibility. It's a great choice for shop front and shopping mall.



PERFORATED ROLLER SHUTTER

To perforate traditional roller shutter slat can make See-Through effect and ventilation. It's also a good choice for shop and shopping mall. The perforated door slat can be custom made.

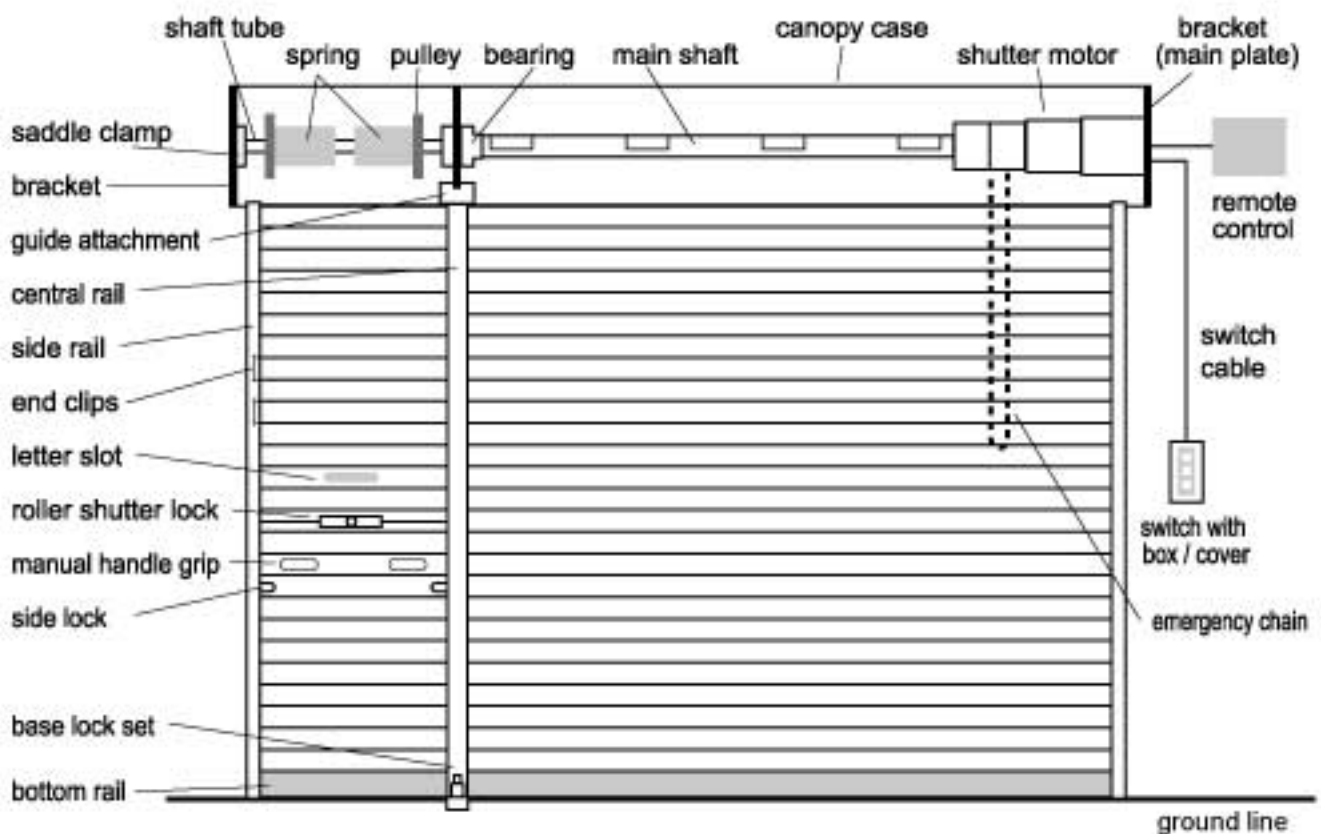


INTRODUCTION

TRADITIONAL ROLLER SHUTTER

The motorized roller shutter is mainly driven by shutter operator without spring tensile force. HJ- series of shutter operators provide widely choices, from economic type to heavy duty type, or frequent use type, even custom-made type for special demand. We could offer many safety devices, connecting with the operator and roller shutter.

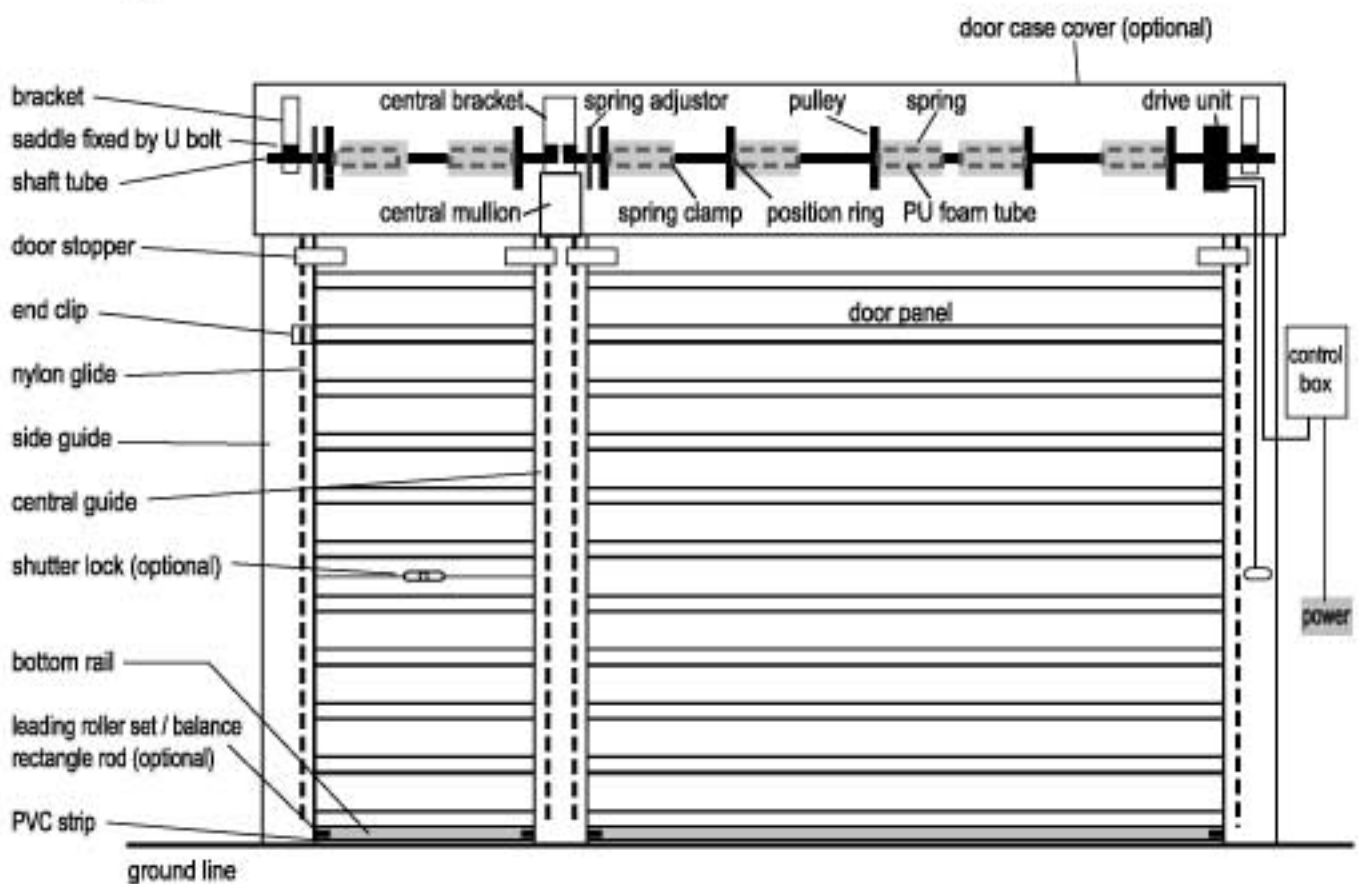
Diagram of Traditional Roller Shutter



AUSTRALIAN ROLLER DOOR

The hidden designed Drive Unit operates with high speed but low noise, and easy to switch into manual mode during power failure. It also adds the built-in intelligent device to increase safety, security and other multi-functions. Depending on the Spring combination enables the roller door to reach perfect balance at any height.

Diagram of Australian Roller Door



1-1. Operation System

A01 Shutter Operator

Protective Fuse

Protect the operator from incorrect or unstable power source.

Thermal Auto Cut-Off Switch

Every motor is with the thermal switch, which can cut off the power while the motor coil over-heat and auto-reset while recover at normal temperature to prevent possible damages.

Disc Brake Design

The reliable and accurate brake system, which can rise up the mechanical ability, ensures the timely stop for door with any kind of loading capacity.

Planetary Gear Design






Planetary Gear Design is applied in the series which can load more than 600KG operators. This design could divert the stress averagely on every gear, and upgrade the effectiveness of motor output.

Economic Type

HJ-20 and HJ-25 is the most basic and economic-oriented shutter operator series. It uses "Power Relay" to reach the cost down and to achieve the same precise control as required.

Frequent Use Type

HJ-55G is designed to cater for high frequency application, like traffic establishment. It is with the Oil-immersed treatment and specified ventilation design to make it durable operated enough for high frequency and long period use.

Model	HJ-20	HJ-25	HJ-30	HJ-40	HJ-50
Photo					
Relay Control	■		■(Custom Made)		
Magnetic Switch Control			■		
Brake Type	Drum Brake (Single)		Drum Brake (Single)		
Power(HP)	1/6 HP	1/6 HP	1/4 HP	1/3 HP	1/2 HP
Power(W)	120 W	150 W	180 W	250 W	360 W
Poles(P)	4 P	4 P	4 P / 6 P	4 P / 6 P	4 P
Motor Speed (r.p.m.)	1780	1780	1780 / 1180	1780 / 1180	1780
Proper Time Rating (min)	5 min	5 min	10 min	10 min	10 min
Temperature Protector (°C)	130 °	130 °	135 °	135 °	135 °
Reduction Gear Type	Oblique		Oblique		
Material of Gear Box	Aluminum Alloy		Aluminum Alloy		
Driving Type	Chain/Gear		Chain/Gear/Quick Coupling		
Chain & Sprocket	#40*9T #50*9T	#40*9T #50*9T	#50*9T	#50*9T	#50*9T
Net Weight (kg)	7	7	12	12	14
Gross Weight (kg)	8	8	13	13	15
Max Loading (kg)	200 Ø4	250 Ø4	300 Ø4	400 Ø4	500 Ø4

New Safety Design! 24VDC Control Unit



- Avoid direct touching high voltage current
- Reduce the risk of electric shock
- Optional for shutter operator below 600kg

HJ-30D	HJ-40D	HJ-50D	HJ-60d	HJ-55	HJ-55G	HJ-70	HJ-60D	HJ-80D	HJ-100D	HJ-150D
■ (Custom Made)										
■			■				■			
Disc Brake (Dual)				Drum Brake (Single)			Disc Brake (Dual)			
1/4 HP	1/3 HP	1/2 HP	1/2 HP	1/2 HP	1/2 HP	3/4 HP	1/2 HP	3/4 HP	1 HP	1.5HP
180 W	250 W	360 W	400 W	375 W	375 W	500 W	400 W	560 W	750 W	1100W
4 P / 6 P	4 P / 6 P	4 P	4 P	4 P	4 P	4 P	4 P	4 P	4 P	4 P
1780 / 1180	1780 / 1180	1780	1780	1780	1780	1780	1780	1780	1780	1780
10 min	10 min	10 min	10 min	10 min	20 min	10 min	12 min	12 min	12 min	10 min
135 °	135 °	135 °	135 °	135 °	135 °	135 °	135 °	135 °	130 °	130 °
Oblique				Oblique			Planetary			
Aluminum Alloy				Aluminum Alloy		Cast Iron	Cast Iron			
Chain/Gear/Quick Coupling		Chain		Chain			Chain			
#50*9T	#50*9T	#50*9T	#50*9T #60*9T	#50*9T #60*9T	#50*9T #60*9T	#60*9T	#50*11T #60*10T	#50*11T #60*10T	#60*11T*2 #80*11T*1	#60*11T*2 #80*11T*1
12	12	14	16	16	16	17	23.5	23.5	35	35.5
13	13	15	17	17	17	18	24.5	24.5	36	36.5
300 Ø4	400 Ø4	500 Ø4	600 Ø4	550 Ø4	500 Ø4	700 Ø5	600 Ø5	800 Ø5	1000 Ø6	1500 Ø6

A01S Push Button Switch



- Measure: L100 x W42 x H36 mm
- Color: black (standard)
gray (optional)

A01SC Power Cable



- Four wire
- 70M/roll

A02 Remote Control



- Input Power: AC110V/220V
- Security Code: rolling code
dip code

1-2. Door Shaft

A01B Shutter Bracket Set

Main Bracket

Chain Type



Quick Coupling Type



Gear Type



Sub Bracket



Sprocket (#40/ #50/ #60/ #80)



Chain (#40/ #50/ #60/ #80)



Steel Shaft



Connecting Plate



Bearing (#6207/ #6208/ #6209)



Bowl type

O-ring type

Operator Mounting Bolt

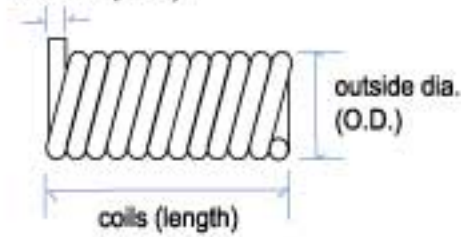


General Specification List

Operator	Bracket Model	Thk (mm)	Main Bracket (mm)		Sub Bracket (mm)	Sprocket	Chain	Shaft (mm)	Conn. Plate	Bearing Size
			Length	Width						
HJ-20/25	1.0 FT	3.5	480	303	303*303	#40*45T/ #50*50T	#40/ #50	∅35*130	4"*3	#6207
	1.1 FT		515	333	333*333					
	1.2 FT		530	363	363*363					
HJ-30/40/50 HJ-300/400/500	1.1 FT	4.0	515	333	333*333	#50*50T	#50	∅35*150	4"*3/ 5"*3	#6207
	1.2 FT		530	363	363*363					
	1.3 FT		545	394	394*394					
	1.4 FT		560	425	425*425					
	1.5 FT		575	455	455*455					
HJ-60d HJ-55/55G	1.3 FT	4.0/ 4.5	545	394	394*394	#50*50T/ #60*50T	#50/ #60	∅35*150	4"*3/ 5"*3	#6207
	1.4 FT		560	425	425*425					
	1.5 FT		575	455	455*455					
	1.6 FT		590	485	485*485					
HJ-70 HJ-60D/80D	1.4 FT	5.0	640	425	425*425	#60*50T	#60	∅35*150	5"*3/ 6"*3	#6207
	1.5 FT		655	455	455*455					
	1.6 FT		670	485	485*485					
	1.8 FT		730	545	545*545					
HJ-100D/150D	1.6 FT	6.0	750	485	485*485	#60/#80 By Case	#60/#80 By Case	∅45*330 ∅45*230	6"*4/ 8"*4/	#6209*2
	1.8 FT	6.0/8.0	780	545	545*545					
	2.0 FT	8.0/10.0	800	606	606*606					

A03 Tighten Type Spring

wire dia. (W.D.)



History Record:
Max W.D.: 12.0 mm
Max Length: 2160mm

Specification

Code	W.D. x O.D. x Length
S324	6.5mm X 90mm X 24inch
S322	6.5mm X 90mm X 22inch
S320	6.5mm X 90mm X 20inch
S318	6.5mm X 90mm X 18inch
S424	6.0mm X 90mm X 24inch
S422	6.0mm X 90mm X 22inch
S420	6.0mm X 90mm X 20inch
S418	6.0mm X 90mm X 18inch
S520	5.5mm X 90mm X 20inch
S518	5.5mm X 90mm X 18inch
S516	5.5mm X 90mm X 16inch
S514	5.5mm X 90mm X 14inch
S616	5.0mm X 85mm X 16inch
S614	5.0mm X 85mm X 14inch
S612	5.0mm X 85mm X 12inch
S714	4.5mm X 80mm X 14inch
S712	4.5mm X 80mm X 12inch
S710	4.5mm X 80mm X 10inch

Material: 70C common carbon steel wire

*Above is general size list. Welcome for custom made size.

A04 Pulley



A04-145

- Material: steel
- Outer Dia.: 145mm
- Inner Dia.: 35mm
- Thickness: 1.2mm
- Bearing: single



A04-160

- Material: steel
- Outer Dia.: 160mm
- Inner Dia.: 35mm
- Thickness: 1.5mm
- Bearing: single



A04-180

- Material: steel
- Outer Dia.: 180mm
- Inner Dia.: 43mm
- Thickness: 1.5mm
- Bearing: single / dual



A04-200

- Material: steel
- Outer Dia.: 200mm
- Inner Dia.: 43 / 35 mm
- Thickness: 2mm
- Bearing: single / dual

A04SB Spring Box



- Material: galvanized steel
- Outer Dia.: 8inch
- Inner Dia.: 2, 1¹/₂, 1³/₄, 1 inch
- Thickness: 1mm (main plate)
2.5mm (bracket)
- Width: adapted to 1/4inch spring belt

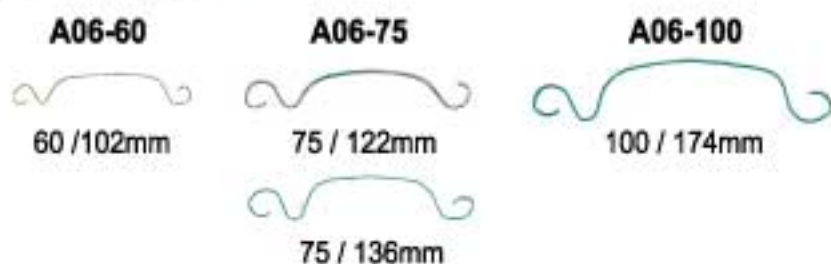
A05 Saddle Clamp



- Material: stainless steel
black steel
- Shaft.: 43 / 35 mm
- Thickness: 4 / 3 mm
- Height: 50 / 31 mm

1-3. Door Slat & Door Frame

A06 Door Slat



Width: after formed / before formed (Taiwan Standard)

- Material: stainless steel
color-bond steel
- Thickness:
0.4-1.5mm (color-bond steel),
0.6-2.0mm (stainless steel)
- Length: custom made



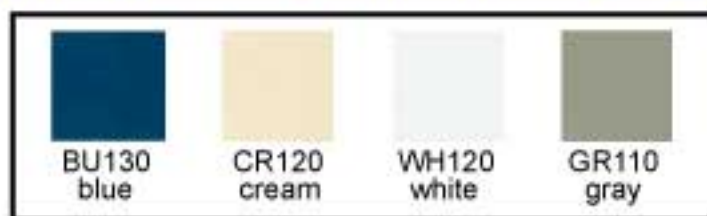
* we also supply custom made type
(ex: Perforated Coil or Slat)

A06C End Clip



- Material: stainless steel
galvanized steel
- Type: dual leaf
single leaf
custom made

A06R Pre-Painted Galvanized Steel Coil (PPGI)



Front Coat



Back Coat

- Weight: 3MT/C~5MT/C
- Internal Diameter: 508mm
- Standard Width: 914mm / 1219mm (before Slitting)
- Thickness: 0.4-1.5mm (0.7~1.0mm general use)
- Color: as above (please refer to color code for more choices)

A08 Manual Hand Grip



- Material: stainless steel
- Measure:
L113 x W31 x T0.5 x D8 mm

A07 Letter Slot



- Material: stainless steel
- Size:
L155 x W43 mm (small)
L188 x W39 mm (medium)
L250 x W39 mm (large)

A09 Bottom Rail



- Material: stainless steel
color-bond steel
- Thickness:
0.8~1.2 mm
- Length: custom made

A10 Side Rail / A11 Central Rail



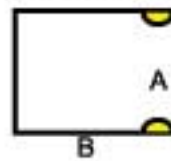
Side Rail / Central Rail with anti-noise strip

- Material: galvanized steel
stainless steel
color-bond steel
- Length: custom made

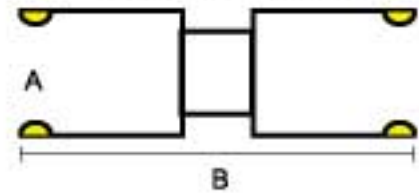


*We also provide Side Rail / Central Rail without anti-noise strip.

A10 Side Rail



A11 Central Rail



Specification List

Code	A(mm)	B(mm)	Thickness(mm)
A10-60	18	45	1.2
A11-60	18	112	1.2
A10-75-122	22	60	1.2
A11-75-122	22	142	1.2
A10-75-136	25	60	1.2
A11-75-136	25	138	1.2
A10-75-136T	25	55	1.5 / 2.0
A11-75-136T	25	132	1.5 / 2.0
A10-100	30	70	1.5 / 2.0
A10-100D	28~30	98	1.5 / 2.0
A11-100	30	156	1.5 / 2.0

A11A Central Rail Attachment



- Material: galvanized steel
- There are suitable size for A11-60, A11-75-122, A11-75-136, A11-100.

A13 Pull Handle



- Material: galvanized steel
stainless steel
- Length: 60, 90, 120, 150 cm and custom made
- Head Type:



U type L type T type
(U type head is general used)

A14 Manual Door Stopper



- Material: galvanized steel
- Measure: L189 x W17 x H4 mm

A15 Insert Strip for Side Rail



- Measure: 10ft/pcs
150pcs/pkg
- Color: orange (standard)
black (optional)

2-1. Operation System



4E

Eco-System

Recyclable & reusable material inside.
Low power but high performance
DC-Motor applied.

Economic Cost

All the materials and structural design
reduce the elementary cost.
Compared to other systems, it must
be competitive.

Efficient Operation

Door balance depended on torque
spring to increase the performance
of drive unit.

Effective Design

Visible control box strengthen
branding in end users' mind.

4S

Safe Up & Down

Whatever runs up or down, it is with safe
device to stop or reverse.

Speedy Run

Standard speed between 15~20cm/ per
sec., create more convenience while
entrance or exit.

Security Devices

Connectable with many security devices
is helpful to build one private request
interface.

Silent Work

Through the application of plastic
components, it decreases possible
noises.

B01-280R Drive Unit



motor's side



adjustor's side



Custom-Made Pulley (Drum Wheel)

We offer the custom-made service of pulley. Through the specified teeth design, it helps to keep door assembling vertically & horizontally, without spiral condition.

- Speed: 15~20cm/sec
- Input Power: DC 24V
- Max Outer Dia.: 280mm
- Inner Dia.: 35mm
- Application Area Range
 Single Motor: Smaller than 9 Sq M.
 Dual Motor: Between 9~25 Sq. M.
 Appropriate Door Height: Below 5.0M.
 Appropriate Door Width: Below 6.0M.



DC Motor

Main Shaft 3200RPM
 Reduction Shaft: 54-55RPM
 Advantage:
 Through the current detection, control box can make door much safer.



Quick Adjustor

Our design for setting UP& DOWN limit can make user easily to adjust. Hand only! No need any tool!



Assistant Gear

Specified design for drive unit with single motor. This gear is useful to avoid stumble between gears and gear drum.

Drive Unit with Chain Wheel Model



B01-280H



B01-280M

Considering different application, we design more models to fit to request. This kind of model is with 6~8M chain& leading support arm.

B01-280H Manual Type

Low cost solution for higher door. Recommend to use, while door higher than 3.5M.

B01-280M Motorized Type

Best solution for higher door. Recommend to use, while door higher than 3.5M.

2-1. Operation System

B02 Control Box

Durability

All components on circuit board are high quality. Every product is through serious Q.C.

Security Hub

Beside of driving "Drive Unit", it can be a basic security hub of the entrance.



Safety Device

Designed with Fuse & Ground Line to avoid accidental damages.

Multi Version

We offer multi-versions and custom-made version circuit design to fit different request projects.

Optional Accessory

B001 Access Control System



sensor button & card
keypads card reader

B002 IR Sensor



Range: 30M
Input: 12V DC

B003 Magnetic Sensor



The intelligent Control Box enables door automatically to stop or reverse while contacting with any obstruction. It also can connect to many optional accessories to add more security functions.

B004 Smoke Detector



Input: 12V DC

B005 Warning Light with Buzzer



Indoor Use
Input: 12V DC

Outdoor Use
Input: 12V DC

B006 UPS



Output: 24V 7.0AH

Attached Parts Bag for Drive Unit



BP01 Position Bar
L220 x W54 x H44 mm
Nylon with 30%GF



BP02 Tubes
Ø1" x L120mm



BP06 Power Wire
Standard Length: 1.5M
Custom Made Length:
2.5M, 3.5M



BP03 Iron Cast Saddle
L79 x W44 x T33 mm (Thick)



BP04 Iron Cast Saddle
L79 x W44 x T25 mm (Thin)



BP05 Spindle U Bolt
Ø8.2 x L190 mm
Used with M9 Nuts



BP10 Screws Set
Washer 4pcs
Screw 4pcs
M9 Nut 4pcs
U Pin 2pcs
Cupri-Hitch 2pcs



BP07 L Piece (Long)
(on motor's side)
L45x W32 x H75 x T3 mm



BP08 L Piece (Short)
(on switcher's side)
L45 x W32 x H45 x T3 mm



BP09
Auto / Manual Switcher (Pull Push Type)
Standard Length: 1.5 M
Custom Made Length: 1~5M

BP09R Auto / Manual Switcher (Rotate Type)

Standard Length: 1.5 M
Custom Made Length: 1~5M
Please note RH or LH



(Alternative Option)

Optional Accessory



BP09L
Auto / Manual Switcher
with Tubular Lock
(security plus design for BP09)

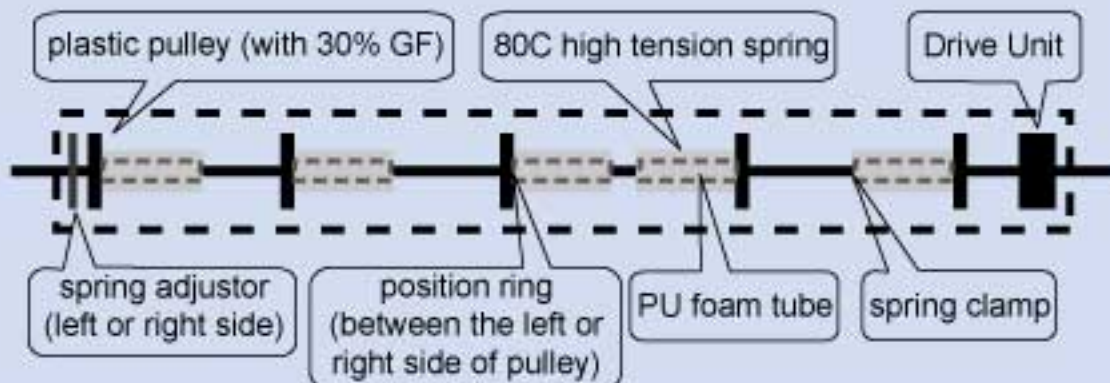
Custom Made Length: 1~5M

BP11 Steel Saddle
L110 x W32 x T22 mm



2-2. Door Shaft

Example of Door Shaft Assembly



NOTE: The combination of spring and pulley depends on door size.

B03 Loosen Type Spring

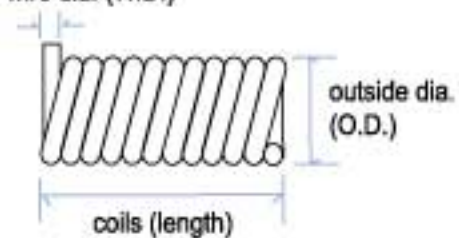
Specification

Code	W.D. x O.D. x Coil
S759072	7.5mm X 90mm X 72coils
S759062	7.5mm X 90mm X 62coils
S709065	7.0mm X 90mm X 65coils
S709058	7.0mm X 90mm X 58coils
S659065	6.5mm X 90mm X 65coils
S659056	6.5mm X 90mm X 56coils
S609065	6.0mm X 90mm X 65coils
S609056	6.0mm X 90mm X 56coils
S657068	6.5mm X 70mm X 68coils
S657061	6.5mm X 70mm X 61coils
S607072	6.0mm X 70mm X 72coils
S607065	6.0mm X 70mm X 65coils

Material: 80C high carbon steel wire

*Above is general size list. Welcome for custom made size.

wire dia. (W.D.)



General Type



Spindle Type



Dual Circle Head

B04 Pulley



B04-280R

- Material: Nylon (with 30% GF)
- Max Outer Dia.: 280mm
- Inner Dia: 35mm
- Type: Round / General Use
- For all kind of panel profile



B04-280RS

- Material: Nylon (with 30% GF)
- Max Outer Dia.: 280mm
- Inner Dia: 35mm
- Type: Round / Strengthened Use
- For all kind of panel profile



B04-230R

- Material: Nylon (with 30% GF)
- Max Outer Dia.: 230mm
- Inner Dia: 35mm
- Type: Round
- For all kind of panel profile



B04-215R

- Material: Nylon (with 30% GF)
- Max Outer Dia.: 215mm
- Inner Dia: 35mm
- Type: Round
- For all kind of panel profile

NOTE: We also provide custom made pulley for specified panel profile.

B05 Accessory



B0501 Spring Clamp

- Material: cold rolled steel
- Measure:
L55 x W24 x H65 x T3 (mm)
- With 10x30 Bolt & M10 Nut

B0501B Specific Spring Clamp



joint plate
for spring
and pipe



joint plate
for spring
and pulley

B0502 Bracket

- Material: angle steel
38 x 38 x 5 mm
- Measure:
L380 x H240 mm
- Custom Made Allowed



large

small

B0504 Position Ring

- Material: ABS with PC
- Measure:
Fit to Shaft Dia: 35mm



R type



B0503 Spring Adjustor Plate

- Dual holes' lines
- Max Outer Dia.: 195mm
- Inner Dia: 35mm
- Thickness: 3mm
- Specific wrench (optional)



B0505 PU Foam Tube

- Measure:
Fit to Shaft Dia: 35mm
- Fix between spring and shaft tube



B0506 Shaft Pipe

- Material: galvanized steel
- Measure:
D34mm x T2.3mm x L6M
(custom made length: 7M, 8M)

2-3. Door Panel

B06 Al-Zn Door Panel

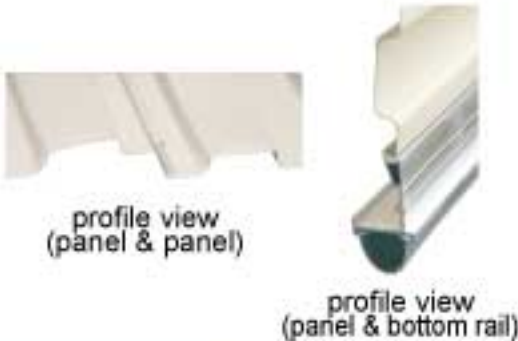
- Material: High Tension 55% Al-Zn Alloyed Steel (different from roofing material)
- Thickness: 0.426 / 0.476 mm (base material)
0.47 / 0.52 mm (after coating)
- Roll Formed Length: 4, 4.5, 5, 5.5, 6, 6.5, 7M and custom made



- Finish Coating
- Primer Coating
- Chemical Pretreatment
- 55% Al-Zn Coating
- Cold Rolled Strip
- 55% Al-Zn Coating
- Chemical Pretreatment
- Service Coating

Interlocking Type

- Width: 350mm / 457mm (after formed / before formed)



profile view (panel & panel)

profile view (panel & bottom rail)

B06C End Clip



- Material: Aluminum 6063-T5
- Length: 4, 4.5, 5, 5.5, 6, 6.5, 7M

B10 Bottom Rail



Seaming Type

- Width: 350mm / 457mm
710mm / 914mm (after formed / before formed)



profile view (panel & bottom rail)

B06C End Clip



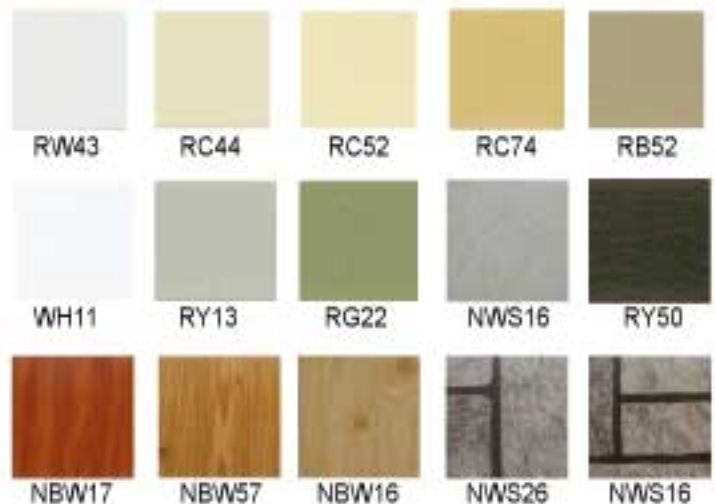
- Material: Aluminum 6063-T5
- Length: 4, 4.5, 5, 5.5, 6, 6.5, 7M

B10 Bottom Rail



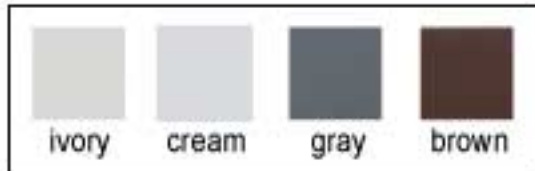
B06R Pre-Painted Galvalume Steel Coil (PPGL)

- Weight: 3MT/C ~ 5MT/C
- Internal Diameter: 508mm
- Standard Width: 914mm / 1219mm
- Color: as right
please refer to color code for more choices



B07 Aluminum Door Panel

- Material: Aluminum 6063-T5
 - Length: 4, 4.5, 5, 5.5, 6, 6.5, 7M
 - Profile: custom made
 - Type: single / dual layer
 - Color: as below
- Please refer to color code for more choices



single layer



dual layer

(reference figure)

B07C End Clip



reference figure

- Material: Aluminum 6063-T5
- Length: 4, 4.5, 5, 5.5, 6, 6.5, 7M

B10 Bottom Rail



B08 Polycarbonate Door Panel



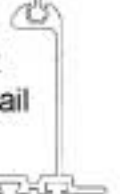
Export Package

- Material: Polycarbonate (B08 panel)
Aluminum 6063-T5 (B08A panel)
Aluminum 6063-T5 (B08A-1 link rod)
 - Measure: T2.0mm x W88mm x L100M/Roll
 - Color: as above (B07)
- Please refer to color code for more choices

B08A-1
link rod

B08 / B08A
PC / Aluminum
panel

B08A-2
Bottom Rail



B08C End Clip



B09 Nylon Glide



- Width: 19 mm
- 400M/30KG/CTN
- Used for noise reduction

B10L Leading Roller Set



Measure: L34.5 x W21.5 x H10.5 mm



B11 Rubber Weather Strip



- 70M/12KG/ROLL
- Used for Anti-Dust

B10R Balance Rectangle Rod



Measure: 25mm x 9mm x 2M

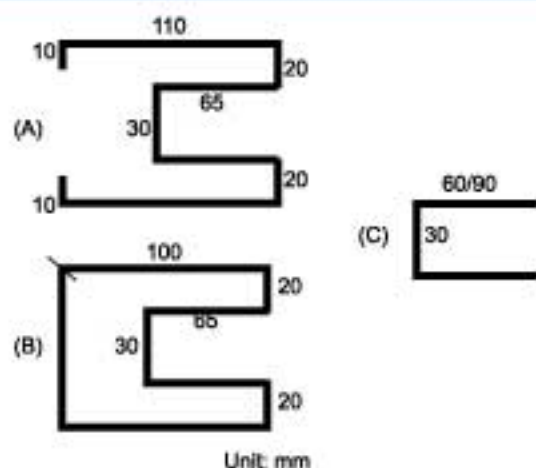


2-4. Door Frame & Tools

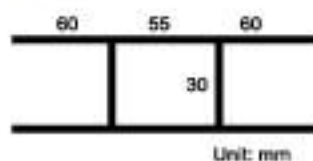
B12 Side Guide



- Material: #304 stainless steel
galvanized steel
- Measure: (A) 110 x 70 x 65 x 30 mm
(B) 100 x 70 x 65 x 30 mm
(C) 60/90 x 30 mm
- Thickness: 1.0, 1.2, 1.5 mm
- Max Formed Height: 6M
- *We also provide custom made profile



B13 Central Guide



- Material: Aluminum 6063-T5
- Measure: 60 x 55 x 60 x 30 mm
(general size)
- Thickness 2.5mm
- Max Height: 6M

B13LM Central Bracket and Mullion

Material:
angle steel (bracket)
aluminum (mullion)



inner rolling Type



outer rolling Type



B13L
Bracket

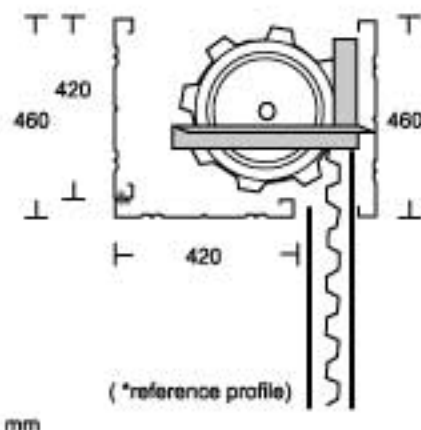
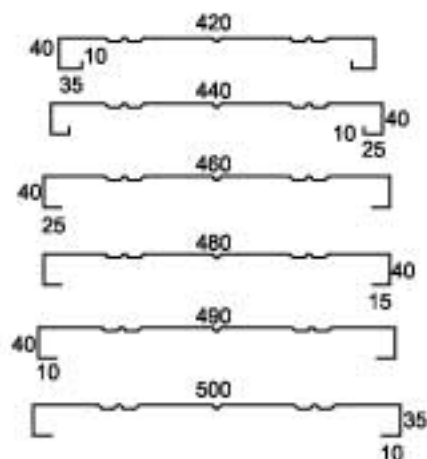
whole set

B13M Mullion

B15 Door Case Cover



- Material: #304 stainless steel
color-bond steel
- Width: 420, 440, 460mm
480, 490, 500mm
- Optional use



Tool

B1701A
Sharp Point Screw



*Applied in locking panel & pulley

B1701B
Hex Screw



*Applied in locking panel & pulley

B1702
Self-Tapping Screw



*Applied in locking position ring & shaft tube

B1703
Carriage Bolt



*Applied in locking spring & pulley

B1704
Rivet(5-3)



*Applied in locking end lock & panel

B16
Lubricating Grease

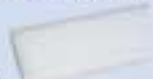


*5 Gallon/Can
*Applied in door shaft assembly

B18 PE Wrap



B19 PU Foam



*Applied in packaging assembled door set

B20F Staples



- Material: galvanized steel
- Crown: 9.5mm (3/8")
- Leg: 16mm(5/8"), 19mm(6/8")
- 20,000PCS/CTN

B20
Stapler Set



(Pattern Design)

- Height: 0.8~1.2M
- Air Pressure: 1.5HP



B20S Stapler
With Security Device

- Measure: L373 x W100 x H269 mm
- Weight: 2KG



B14 Door Stopper



- Material: galvanized steel
stainless steel
- Thickness: 2.6mm
- Tail: 78mm & 80mm
- Width: 28mm
- Height: 25mm / 18mm

B21M
Manual Lifter

- Load: 200KG
- Max Height: 3.5M
- Platform: 650 x 460mm
- Material: Aluminum



Lock Series

3-1. Shutter Lock

C01 809 Lock

- flat key type



- cross key type



- round key type



- rod wing (optional)



- Length: 166mm
- Width: 38.5mm
- Depth: 8mm
- Throw: double 20mm
- Fixing Center: 156mm
- Cylinder Diameter: 27mm

C02 929 Lock

- flat key type



- Length: 160mm
- Width: 38mm
- Depth: 9mm
- Throw: double 23mm
- Fixing Center: 122mm
- Cylinder Diameter: 27mm

C04 Italian Lock

- central lock



- side lock



- Length: 155mm
- Width: 55mm
- Case Height: 15mm
- Throw: double 26mm
- Fixing Center: 138mm
- Cylinder Diameter: 25mm

C03 Auto Lock

- rod wing



- flat wing



manual unlock inside -
pull the wind without key



- Length: 148mm
- Width: 38mm
- Depth: 9.5mm
- Throw: double 24mm
- Fixing Center: 118mm
- Cylinder Diameter: 27mm

C05 Shutter Lock Cover

C05-1

C05-2

C05-3



Round Type

Diamond Type

Eye Type

C06 Brand Cover



C06-1 (with lock hole)



C06-2 (without lock hole)

3-2. Switch Box

A01S2 Embeded Switch Box

- Measure:
Small: L127 x W86 x H55 mm
Large: L184 x W113 x H62 mm
- with 2 flat keys



A01S3 External Switch Box

- Measure:
Small: L127 x W86 x H55 mm
Large: L152 x W92 x H60 mm
- with 2 flat keys



NOTE: above lock cylinder can be changed to round key type, and tubular key type

3-3. Side Lock (Sliding Bolt)

A12-1 Taiwan Rod Type



- Material: galvanized steel
stainless steel
- Cover: L130 x W32x xT0.7 mm
- Shaft: O8 x L105 mm

A12-2 Small Type (without lock hole)



- Material: galvanized steel
- Cover: L119 x W30 mm
- Shaft: L179 x W24 x xH12 mm
- With two carriage bolts

A12-3 Large Type (with lock hole)



- Material: galvanized steel
- Cover: L128 x W30 x H28 mm
- Shaft: L275 x W25 x xH58 mm
- With two carriage bolts

3-4. Other Lock

A11B Mullion Base Lock & Ground Plate



Base Lock

- Material: galvanized steel
stainless steel
- Measure: L140 x W93x xH20 mm

Ground Plate

- Material: stainless steel
- Measure: L120 x W58x xH27 mm

A11C Ground Lock



- Material: galvanized steel
- Measure: L73 x W38 x H30 mm

Whole Plant Equipment

Project Solution

Base on being the professional supplier in roller door industry, we are experienced expert in many different manufacture processes. Therefore, we can assist to plan whole plant equipment, and supply all kinds of machines. Welcome to inform us what production line you need, we must be able to satisfy you.

4-1. Roll Forming Machine



fixing edge set



roller set



back cutter



Uncoiler



roll forming machine (350mm interlocking door panel)
reference figure

4-2. Press Machine & Mold Design



reference figure: press machine & molds

4-3. Other & Custom Made Machine



reference figure:
roller forming machine (case cover)
uncoiler
bending machine

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