

SLAT DESIGNS



400 **420** **440** **450** **500** **520** **530** **540** **560** **561**
Series Series Series Series Series Series Series Series Series Series

TYPE OF SLAT										
Height of Slat	40 mm	40 mm	37 mm	40 mm	53 mm	53 mm	66 mm	53 mm	56 mm	56 mm
Roll Formed Aluminum - Regular Density Foam	•				•					
Roll Formed Aluminum - High Density Foam		•				•				
Roll Formed Aluminum - Ultra Hard Resin			•					•		
Extruded Aluminum				•					•	•
Clear Lexan							•			
Perforated										•
AVAILABLE COLORS										
Arctic White	•	•	•	•	•	•	•			
Ivory Tusk	•	•		•	•	•	•			
Sand Beige	•	•	•	•						
Aluminum Grey	•	•	•		•	•	•	•		
Medium Brown	•	•	•	•	•	•	•			
Clear Anodized				•					•	•
MAX RECOMMENDED SIZES										
Maximum Width	126"	156"	204"	204"	192"	204"	120"	228"	228"	228"
Maximum Height	98"	144"	156"	168"	132"	144"	98"	168"	168"	168"
Maximum Area	80ft ²	100ft ²	140ft ²	140ft ²	110ft ²	140ft ²	50ft ²	200ft ²	200ft ²	200ft ²
MAX HEIGHT PER BOX SIZE										
5-3/8" (137 mm)	32"	32"	32"	32"						
6-1/2" (165 mm)	59"	59"	60"	56"						
8" (205 mm)	98"	98"	102"	94"	58"	58"	58"	61"	70"	70"
10" (250 mm)	165"	165"	168"	160"	102"	102"	102"	102"	140"	140"
12" (300 mm)	264"	264"	264"	230"	160"	160"	160"	160"	200"	200"
OPERATIONS AVAILABLE										
Tape Colier • Tape Winch • Manual Push-Up • Crank • Electric Motor • Electric Motor with Remote Control										

COLORS



Arctic White



Ivory Tusk



Sand Beige



Aluminum Grey

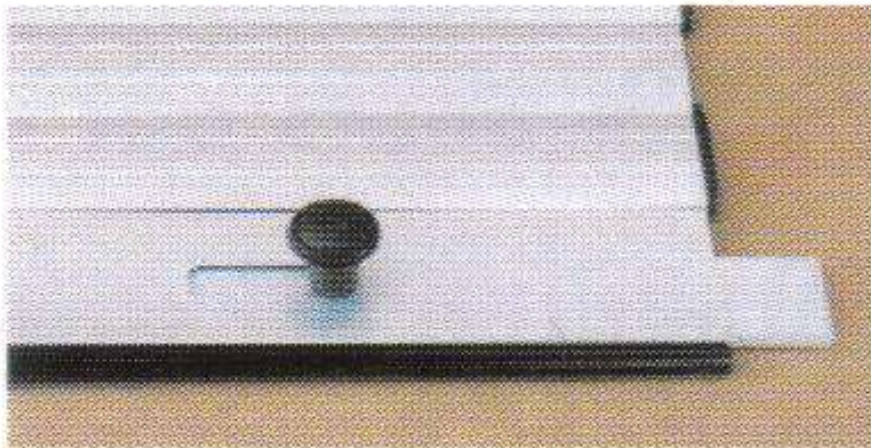


Medium Brown



Clear Anodized

LOCKING



SLIDE BOLT

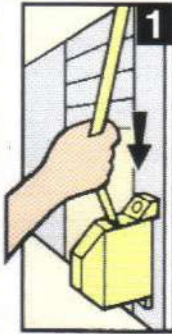
**Cost effective
and reliable**



KEYLOCK

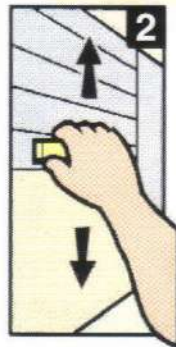
**Master keying
available**

OPERATORS



TAPE

Cost effective solution for interior applications such as residential and counter shutters



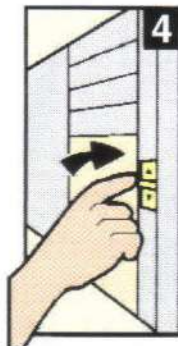
COUNTER BALANCE

This manual push up/pull down option is common. We use only high quality torsion springs mounted within the axle.



CRANK ROD

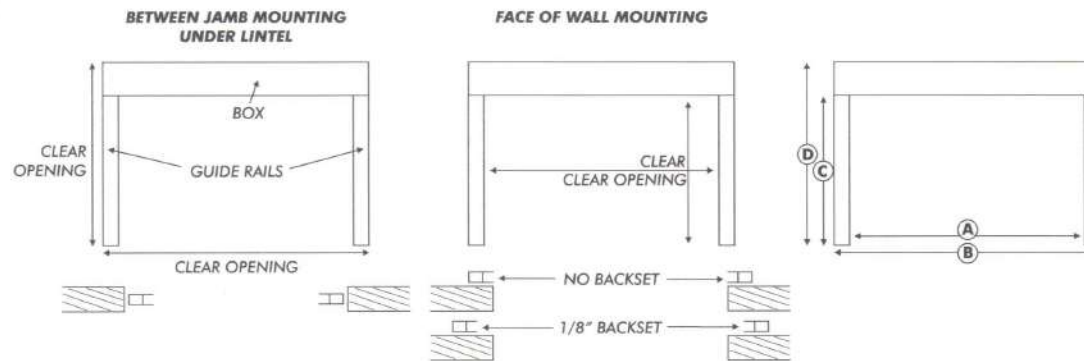
Precision gear driven roll shutters are smoothly operated by a crank rod, which effortlessly clips on or off in seconds



ELECTRIC MOTOR

Most desired! Internally concealed motor provides visually pleasing appearance. Easy operation by a variety of controls: rocker switch, high security key switch and cordless remote.

DETERMINING SIZE



1. Our pricing is based on measurements taken from inside of guide rails (A) and under box (C).
2. If the shutter is between jamb, under lintel, please advise us when you give us the opening size and we'll deduct guide rail width and box height for pricing.
3. When taking final opening measurements you should take the measurement at various points of the width and height of the opening. For 'face of wall' applications give us the largest of these measurements; for 'between jamb' give us the smallest of these measurements.
4. On face of wall mount installations if space permits, we recommend 1/8" backset.
5. Please note: When in the open position, the bottom bar hangs below the bottom of the box 2". If you don't want this hanging down on a 'face of wall' mount application, please add 2" to the height.
6. SILL: If there is no ledge for shutter to rest on when in the closed position sill is required.
7. BUILD-OUT: In some situations there may be obstructions (ie. door handles) that require you to mount the rollshutter away from the opening. Indicate thickness required.

INFORMATION REQUIRED FOR PRICING

For us to provide you with a quotation we will need to know the following:

1. **Size:** See "How to Size a Shutter" Instructions.
2. **Type of Slat:** Each of our slats have different characteristics and are thereby suited to different applications. Look in our brochure or call our office for recommendations.
3. **Operation:** Manual Tape (common for residential and smaller shutters)
Manual Push Up (can be used on most shutters, although on larger shutters crank is recommended)
Manual Crank (recommended on larger shutters)
Electric Motor (can be used on any sized shutter; at the touch of a button even the largest shutter can be operated without any effort)
4. **Locking:** Self locking (not available on manual push up) shutter cannot be lifted more than 2".
Slide bolt (simple and cost effective; perfect for counters)
Keylock (high security; can be rekeyed to match existing locks)
Rocker Switch (electric only; suitable for window and counter applications)
Keyswitch (electric only; high security; can be rekeyed to match existing locks)
Hand held/wall mounted remote transmitter (electric only).
5. **Sill:** If there is no ledge for shutter to rest on when in the closed position, sill is required.
6. **Build-Out:** In some situations there may be obstructions (ie: door handles) that require you to mount the rollshutter away from the opening. Indicate thickness required.

INSTRUCTIONS FOR FILLING OUT YOUR ORDER FORM

The instructions below are meant to help you fill out your order form. However, if you have any questions or need clarification on anything, please feel free to call.

Please fill in the following information:

1. Your invoice name, address and your name.
2. Today's date.
3. Your purchase order number, if applicable.
4. Where you want the shutters shipped to, if different from invoice to.
5. Authorized buyer's signature.
- A. Number of shutters with exactly the same specifications.
- B. Width in mm or inches. Indicate if this includes or excludes guide rails by circling the appropriate box.
- C. Height in mm or inches. Indicate if this includes or excludes box by circling the appropriate box. For face of wall, add 2" if you don't want bottom bar to hang down 2" into opening.
- D. Enter the mounting method for the guide rails. For an explanation look at 'D' on the order form. Please note: indicate if 1/8" backset is required by ✓ in small box.
- E. Enter the mounting method for the box. For an explanation look at 'E' on the order form.
- F. Enter the slat profile you want. See your Pentagon detail sheet for an explanation of each profile option. Profiles available are listed in 'F' on the order form.
- G. Light slots are small vents in the slats which allow light through the rollshutter in certain positions. If you would like light slots on your rollshutter enter Yes (Y) or No (N).
- H. Enter the colour for your rollshutter. See 'G' on the order form for colour options and abbreviations.
- I. If there is no ledge for the shutter to rest on when in the closed position, sill is required. Enter Yes (Y) (extra charge applies) if needed or No (N) if not required.
- J. If there is an obstruction that would hinder the rollshutter from closing completely, you will need build-out. Enter the thickness of the build-out required (extra charge applies). If no build-out is required, put N for No.
- K. Enter how you want us to drill your guide rails. See 'K' on order form for a diagram.
- L. Enter what type of operation you need. See 'L' on order form for list of operators available. For further explanation see Pentagon detail sheet.
- M. Enter which side you want your operator on. See diagram under 'M' on order form.
- N. Enter the position of your operator. Looking at Side A (box side) of your rollshutter, is it on the left or right? On electric operated shutters this will tell you which end the wire exits.
- O. This applies to electric motors only. Would you like to order a manual override for your shutter in case of a power failure? No (N) / Yes, side A (A) / Yes, side B (B).
- P. This applies to electric motors only. Look at diagram 'P' on order form and enter the exit position of the motor wire. If other, show on drawing where you would like it.
- Q. Enter the type of locking method you would like. See 'Q' on order form for options available.
- R. Enter which side of the shutter you want the locks on. See 'R' on order form for options.
- S. Is this shutter released for immediate production? Or do you want us to wait for site dimensions from you before releasing for production? Enter Yes (Y) for immediate; No (N) to wait.
- T. Enter the approximate date you would like to have the rollshutter shipped.

INVOICE

NAME _____
ADDRESS _____ ① _____
POST. CODE _____ YOUR NAME _____
TEL. _____ FAX _____
ORDER DATE ② _____ PURCHASE ORDER # ③ _____

SHIPPING

NAME _____
ADDRESS _____ ④ _____
POST. CODE _____ CONTACT _____
TEL. _____ SIGNATURE OF APPROVAL _____
⑤ _____

ORDER FORM

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
QUANTITY # REQUIRED	WIDTH	HEIGHT	GUIDE RAIL MOUNTING	BOX MOUNTING	SLAT PROFILE	LIGHT SLOTS	COLOUR	SILL	BUILD OUT	DRILLING	OPERATION	OPERATOR SIDE	OPERATOR POSITION	MANUAL OVERRIDE	EXIT POSITION	LOCKING	LOCK POSITION	RELEASE FOR PRODUCTION	DATE REQUIRED
	inc.	inc.																	
	ex.	ex.																	
	inc.	inc.																	
	ex.	ex.																	
	inc.	inc.																	
	ex.	ex.																	
	inc.	inc.																	
	ex.	ex.																	
	inc.	inc.																	
	ex.	ex.																	
	inc.	inc.																	
	ex.	ex.																	

EXPLANATION NOTES

- A QUANTITY REQUIRED**
If any of the shutters you are ordering have exactly the same specifications fill-in the quantity required.
- B WIDTH**
Fill in width and circle inc. if measurement INCLUDES guide rails, circle ex. if it EXCLUDES them.
- C HEIGHT**
Fill in height and circle inc. if measurement INCLUDES box, and ex. if it EXCLUDES the box. If you do not want the bottom bar hanging down in opening on face of wall installations add 2" to height.
- D GUIDE RAIL MOUNTING**
FW - Face of Wall BJ - Between Jamb
1/8" Backset optional
Check small box if 1/8" back set is required.
- E BOX MOUNTING**
FW - Face of Wall UL - Under Lintel
2" BOTTOM BAR 2" BOTTOM BAR
- F SLAT PROFILE**
400 - 40mm foam filled 450 - 40mm extruded alum.
420 - 40mm high density foam 500 - 50mm foam filled
- G** Do you want light slots in your slats? Yes (Y) or No (N)
- H COLOURS** (Not all colors available on all series)
W - Arctic White G - Aluminum Grey
B - Medium Brown A - Clear Anodized
I - Ivory Tusk C - Custom Colour
- I** Do you require a sill on your shutter? Yes (Y) or No (N)
Extra charge will apply if not stated on quote.
- J** Do you require build-out with your shutter No (N); if Yes - indicate thickness required. Extra charge will apply if not stated on quote.
- K DRILLING OF GUIDE RAILS**
S - Surface R - Recessed N - No drilling
T - Tape Coiler S - Counterbalance Spring
C - Crank Handle E - Electric Motor
- L OPERATION**
- M OPERATOR SIDE** Side A Side B
- N OPERATOR POSITION**
When looking at shutter from side A, which side do you require your operator - left (L) or right (R)?
On electric operation this will determine which end the wire exits.
- O MANUAL OVERRIDE**
Override or electric motor required? No: (N) Yes: Side A (A); Side B (B)
- P EXIT POSITION**
From diagram at right indicate which position you would like wire to exit from. For other position show on drawing.
- Q TYPE OF LOCKING**
S - Slide bolt locks ER - Electric key switch recessed (electric only)
K - Cylinder key lock ES - Electric key switch surface (electric only)
T - Thumb turn WT - Wall mounted transmitter (electric only)
R - Rocker Switch (electric only) HT - Handheld transmitter (electric only)
- R LOCK POSITION**
A - Side A B - Side B AB - Side A and B
- S RELEASE FOR PRODUCTION**
Do you want this shutter released for immediate production? Y - Yes N - No
- T DATE REQUIRED**
Fill in the estimated ship date.