

# VERTICAL MAESTRO®

## CORD & CHAIN

### Assembly Instructions

#### MEASUREMENTS

The size of a blind can be known as recess or blind size. Blind sizes are the overall finished size of a blind. Recess sizes have to have an allowance of minus 6mm (1/4") from the width and minus 12mm (1/2") off the drop to reduce recess size to blind size.

#### 1. Headrail/ Tilt rod

Cut the headrail 20mm less than the blind size. Cut the tilt rod 8mm less than the blind size. Push fit a capped thrust washer to the end of the tilt rod and slide the sprocket wheel onto the tilt rod.

#### ONE WAY DRAW UNDER 2 METERS (78 ¾")

#### (CONTROL AND BUNCH SAME SIDE)

Place the headrail onto the bench, set the headrail against the jigs and put the rail to one side.

Put the tilt rod on the bench and slide onto the tilt rod a universal control end cap and fix into the jig. Place a 25mm (1") spacer tube if the blind is an 89mm (3 ½") or a 44mm (1 ¾") spacer tube if the blind is a 127mm (5") onto the tilt rod.

NOTE: Determine the amount of carrier trucks (LH or RH) required by using the louvre charts, (89mm/127mm). Reduce the first link by cutting it down to 5mm (3/16") long, slide these onto the tilt rod so that the short link side goes on last. Place a 19mm or 38mm spacer tube and attach the idle end cap to the jig.

You must pull all the carrier trucks along the tilt rod to test if this number of carrier trucks is correct and covers the width required.

Bunch back all the carrier trucks to the control end, turn them over and attach a cord saddle to the leading truck. Using the cord cutter to get a fine point on the cord, feed the cord through the inside of the hole nearest to the link on the cord lock saddle going towards the control end, through the control end cap and up the inside hole, around the cord drop jig and back down and through the outside hole of the end cap.

Go along the outside holes in the cord lock saddle and around the outside of the idle end wheel, cross the cord under the outside cord and back through to the hole in the saddle. Tie off the cord using a reef knot and mushroom seal the ends.

Release the cords from the jig and test that the blind runs freely.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carrier trucks into the headrail making sure not to snag the links on the underneath of the headrail. Replace the end caps back onto the ends of the headrail. Pull the carriers across the width of the blind and push fit a plain thrust washer onto the idle end with the thrust washer tool.

# VERTICAL SLIMLINE

## Assembly Instructions

---

### ONE WAY DRAW OVER 2 METRES (78 ¾")

#### (CONTROL AND BUNCH SAME SIDE)

The control end carrier truck can now be locked into position using a spacer bar.

Cut a length of No6 Chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a No. 6 connector.

Place the headrail onto the bench, set the headrail against the jigs and put the rail to one side.

Put the tilt rod on the bench and slide onto the tilt rod a control end cap and fix into the jig. Place a 25mm (1") spacer tube if the blind is 89mm or a 44mm (1 ¾") spacer tube if the blind is a 127mm onto the tilt rod.

NOTE: Determine the amount of carrier trucks (LH or RH) required by using the louvre charts, (89mm/127mm). Reduce the number of carriers by one.

The lead carrier truck needs to be assembled by placing a plastic nut inside the underneath of the carrier truck and fastening this with the metal plate on the front side with the self-tapping screw. Insert a 25mm spacer link into the slot at the base of the carrier truck and cut this down to its minimum size. Attach the leading carrier truck to the remainder of carrier trucks and slide them onto the tilt rod. Place a magnetic one way rod support (89mm/127mm) on to the tilt rod and attach the idle end cap to the jig.

You must pull all the carrier trucks along the tilt rod to test if this number of carrier trucks is correct and covers the width required.

Using the cord cutter to get a fine point on the cord, feed the cord through the inside hole nearest to the link on the cord lock saddle going towards the control end, through the rod support, through the control end cap, up the inside hole, around the drop and back down and through the outside hole of the end cap.

Go along the outside holes through the rod support, the cord lock saddle and around the outside of the idle end wheel, cross the cord under the outside cord and back through to the hole in the saddle. Tie off the cord using a reef knot and mushroom seal the ends.

Release the cords from the jig and test that the blind runs freely.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carriers trucks into the headrail making sure not to snag the links on the underneath of the headrail and replace the end caps back into the ends of the headrail. Pull the carrier trucks across the width of the blind and push fit a plain thrust washer onto the idle end with the thrust washer tool.

The control end carrier truck can now be locked into position using a spacer bar.

Bunch back the carriers to the end but leave the magnetic rod support at the opposite end. Measure the distance from the bunched carrier trucks to the idle end and mark the halfway point on the top of the headrail, this must be in line with the lug on the rod support, drill and place a self-tapping screw so that this will stop the rod support when the trucks are pulled back.

# VERTICAL SLIMLINE

## Assembly Instructions

---

Cut a length of No.6 chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a no.6 connector.

### **ONE WAY DRAW UNDER 2 METRES (78 ¾")**

#### **(CONTROLS AND BUNCH OPPOSITE SIDES)**

Place the headrail onto the bench, set the headrail against the jigs and put the headrail to one side.

Put the tilt rod on the bench and slide onto the tilt rod a control end cap, fix into the jig. Place a 25mm (1") spacer tube if the blind is an 89mm or a 44mm (1 ¾") spacer tube if the blind is an 127mm on to the tilt rod.

NOTE: Determine the amount of carrier trucks (LH or RH) required by using the louvre charts, (89mm/127mm). Reduce the first link by cutting it down to 5mm (3/16") long, slide these onto the tilt rod so that the short link side goes on first. Place a 25mm or 44mm spacer tube and attach the idle end cap to the jig.

You must pull all the carrier trucks along the tilt rod to test if this number of carrier trucks is correct and covers the width required.

Bunch back all the carrier trucks to the control end, turn them over and attach a cord saddle to the leading truck.

Using the cord cutter to get a fine point on the cord, feed the cord through the inside hole nearest to the link on the cord lock saddle going towards the control end, through the control end cap and up the inside hole, around the drop and back down through the outside hole of the end cap. Go along the outside holes in the cord lock saddle and around the outside of the idle end wheel, cross the cord under the outside cord and back through to the hole in the saddle. Tie off the cord using a reef knot and mushroom seal the ends of the cord.

Release the cords from the jig and test that the blind runs freely.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carrier trucks into the rail making sure not to snag the links on the underneath of the headrail. Replace the end caps back into the ends of the headrail.

Pull the carriers across the width of the blind and push fit a plain thrust washer onto the idle end with the thrust washer tool.

The control end carrier truck can now be locked into position using a spacer bar.

Cut a length of No.6 chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a no.6 connector.

# VERTICAL SLIMLINE

## Assembly Instructions

---

### ONE WAY DRAW OVER 2 METRES (78 ¾")

#### (CONTROLS AND BUNCH OPPOSITE SIDES)

Place the headrail onto the bench, set the headrail against the jigs and put the rail to one side.

Put the tilt rod on the bench and slide onto the tilt rod a control end cap and a magnetic one-way rod support (89mm/127mm) onto the tilt rod.

NOTE: Determine the amount of carrier trucks (LH or RH) required by using the louvre charts (89mm/127mm) and reduce the number of carriers by one.

The lead carrier needs to be assembled by placing a plastic nut inside the underneath of the carrier truck and fastening this with the metal plate on the front side with the self-tapping screw. Insert a 25mm spacer link into the slot at the base of the carrier truck and cut this down to its minimum size. Attach the leading truck to the remainder of the carrier trucks and slide them onto the tilt rod with the leading carrier truck going on first. Place a 19mm or 38 mm spacer tube and attach the idle end cap to the jig.

You must pull all the carrier trucks along the rod to test if this number of carrier trucks covers the width required.

Bunch back all the carrier trucks to the control end and turn them over and attach a cord saddle to the leading truck. Using the cord cutter to get a fine point on the cord, feed the cord through the inside hole nearest to the link on the cord lock saddle going towards the control end and through the control end cap and up the inside hole, around the drop, back down and through the outside hole of the end cap.

Go along the outside holes in the cord lock saddle and around the outside of the idle end wheel, cross the cord under the outside cord and back through to the hole in the saddle.

Tie off the cord using a reef knot and mushroom seal the ends.

Release the cords from the jig and test that the blind runs freely.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carrier trucks into the rail making sure not to snag the links on the underneath of the headrail and replace the end caps back into the ends of the headrail.

Pull the carriers across the width of the blind and push fit a plain thrust washer onto the idle end.

The control end carrier truck can now be locked into position using a spacer bar.

Cut a length of No6 Chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a No. 6 connector.

# VERTICAL SLIMLINE

## Assembly Instructions

---

### ASSEMBLY SPLIT DRAW BLIND

Place the headrail onto the bench, set the headrail against the jigs and put the rail to one side.

Put the tilt rod on the bench and slide onto the rod a control end cap and fix into the jig. Place a 25mm (1") spacer tube if the blind is an 89mm (3 1/2") or a 44mm spacer tube if the blind is a 127mm (5") on to the tilt rod.

NOTE: Determine the amount of carrier trucks required by using the louvre charts, (89mm/127mm). Equally split the carrier trucks into left hand and right hand and reduce the first links on each set by cutting them down to 5mm long, slide the correct handed trucks onto the rod so that the short link side goes on last. Place a centre rod support (89mm/127mm) onto the tilt rod and slide on the opposite set of carrier trucks with the shortest link going on first, place a 25mm or 44mm spacer tube and attach the idle end cap to the jig.

You must pull all the carrier trucks along the tilt rod to test if this number of carrier trucks is correct and covers the width required.

Bunch back all the carrier trucks to the control end and turn them over. Attach cord locks to both the leading carrier trucks. Using the cord cutter to get a fine point on the cord, feed the cord through the inside of the hole nearest to the link on the leading carrier truck in the set of carrier trucks nearest to the control end, going towards the control end, cord through and up the inside hole, around the drop and back down and through the outside hole of the end cap. Go along the outside holes in the cord lock, through the centre rod support and through the other cord lock along and around the outside of the idle end wheel, cross the cord under the outside cord and through the cord lock, centre rod support to the leading truck. Tie off the cord using a reef knot and mushroom seal the ends of the cord.

Release the cords from the jig and test the blind that one set of carrier trucks runs freely.

Return the cords to go back around the cord jigs and pull the carrier trucks back to the control end. Slide by hand the other set of carrier trucks to the opposite end and mark the outside cord where it comes out of the leading carrier truck. Place an open ball onto the cord at this point and fold it over on itself to grip the cord, fold another open ball on the other side of the carrier truck to hold it in place.

Test by pulling the cord that both sets of carrier trucks pull to the centre and back to both sides.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carriers trucks into the rail making sure not to snag the links on the underneath of the headrail and replace the end caps back into the ends of the headrail.

Pull the carriers across the width of the blind and push fit a plain thrust washer onto the idle end.

The control end carrier truck can now be locked into position using a spacer bar.

Cut a length of No.6 Chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a No. 6 connector.

# VERTICAL SLIMLINE

## Assembly Instructions

---

### CORDED ASSEMBLY CENTRE BUNCH BLIND

Place the headrail onto the bench, set the headrail against the jigs and put the rail to one side.

Put the tilt rod on the bench and slide onto the tilt rod a control end cap and fix into the jig. Place a 25mm (1") spacer tube if the blind is an 89mm (31/2") or 44mm spacer tube if the blind is a 127mm onto the tilt rod.

NOTE: Determine the amount of carrier trucks required by using the louvre charts, (89mm/127mm). Equally split the carrier trucks into left hand and right hand. Reduce the first links on each set by cutting them down to 5mm long and slide the correct handed trucks onto the tilt rod so that the shortest link side goes on first. Place a centre rod support (89mm/127mm) onto the rod and slide on the opposite set of carrier trucks with the shortest link going on last. Place a 25mm or 44mm spacer tube and attach the idle end cap to the jig.

You must pull all the carrier trucks along the tilt rod to test if this number of carrier trucks covers the width required.

Bunch back all the carrier trucks to the control end and turn them over so that the cord holes are in view. Using the cord cutter to get a fine point on the cord, feed the cord through the inside of the hole nearest to the link on the leading carrier truck in the set of carrier trucks nearest to the control end, going towards the control end, cord through and up the inside hole, around the drop and back down and through the outside hole of the end cap. Go along the outside holes in the cord lock, through the centre rod support and through the other cord lock along and around the outside of the idle end wheel, cross the cord under the outside cord and through the cord lock, centre rod support to the leading truck. Tie off the cord using a reef knot and mushroom seal the ends of the cord.

Release the cords from the jig and test the blind that one set of carrier trucks runs freely.

Measure the distance between the spacer tubes on the outside of the blind, half this distance and set the centre of the centre rod support at this point. Return the cords to go back around the cord jigs and pull the carrier trucks back to the centre point.

Slide by hand the other set of carriers to the centre point and mark the outside cord where it comes out of the leading carrier truck. Place an open ball onto the cord at this point and fold it over on itself to grip the cord and fold another open ball on the other side of the carrier truck to hold it in place. Test by pulling the cord that both sets of carrier trucks pull to the outside and back to the centre.

Release the skeleton blind from the jigs and spray silicone into the inside wall of the headrail. Feed the carriers trucks into the rail making sure not to snag the links on the underneath of the headrail and replace the end caps back into the ends of the headrail.

Pull the carrier trucks across the width of the blind and push fit a plain thrust washer onto the idle end.

The control end carrier truck can now be locked into position using a spacer bar.

Cut a length of No.6 Chain to the same size as the cord drop. Feed this around the sprocket wheel at the control end and connect the ends of the chain together, forming a loop using jointing pliers or a No. 6 connector.

# VERTICAL SLIMLINE

## Assembly Instructions

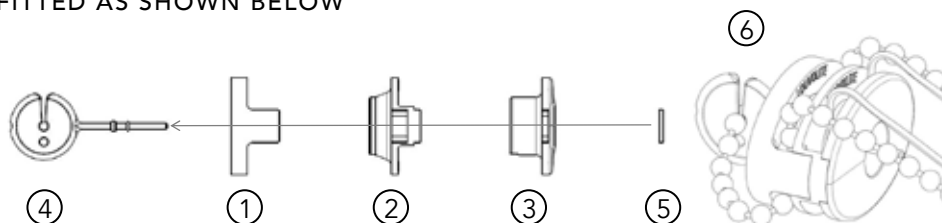
### HOW TO FIX THE CORD TIDY SAFETY TAB

This device is designed for use on any looped cord and chain operated blind and is fitted to the cord and chain on a blind in such a way that it be fitted as the blind is being installed. On vertical blinds a double cord tidy must be used.

The cord tidy safety tab is fitted at the bottom of the chain on the blind. Feed the loop of cord over the cord area of the cord tidy before feeding the loop of chain over the chain area of the tidy before snapping the chain and cord tidy sections together. Feed the cord and chain tidy safety tab through the central hole of the chain tidy and push fit the plastic thrust washer onto the end of the chain tidy safety tab. Feed and push fit the chain into the groove on the chain tidy safety tab to prevent operation of the chain.

To conform with Standard EN13120 European child safety standards the following warning tags and labels must be fitted to the finished product, child safety devices and packaging.

### FITTED AS SHOWN BELOW



Before packing, ensure a general child safety warning tag has been attached to the blind (1).

Attach a child safety device warning tag to the cord and chain tidy (2).

If the blind is to be installed in commercial premises where children are not likely to be present then the unlikely access tag can be applied to the operating cord (3).

Ensure a manufacturers ID label has been attached to the blind headrail for traceability (4).

Wrap the cord and chain neatly into the rail, knot a sleeve/bag at one end and place the blind into this. Knot the other end of the bag/sleeve leaving enough to enclose appropriate number of brackets, fixing screws and fitting and operating instructions before knotting the end of the sleeve/bag.

Once packed ensure a warning child safety warning label has been attached to the packaging (5).

# VERTICAL SLIMLINE

## Assembly Instructions

### ONE WAY DRAW

No of Trucks	89	127
2	184	257
3	260	371
4	336	486
5	412	600
6	488	714
7	564	829
8	640	943
9	716	1057
10	792	1171
11	868	1286
12	944	1400
13	1020	1514
14	1096	1629
15	1172	1743
16	1248	1857
17	1324	1972
18	1400	2086
19	1476	2200
20	1552	2314
21	1628	2429
22	1704	2543
23	1780	2657
24	1856	2772
25	1932	2886
26	2008	3000
27	2084	3115
28	2160	3229
29	2236	3343
30	2312	3457
31	2388	3572
32	2464	3686
33	2540	3800
34	2616	3915

No of Trucks	89	127
35	2692	4029
36	2768	4143
37	2844	4258
38	2920	4372
39	2996	4486
40	3072	4600
41	3148	4715
42	3224	4829
43	3300	4943
44	3376	5058
45	3452	
46	3528	
47	3604	
48	3680	
49	3756	
50	3832	
51	3908	
52	3984	
53	4060	
54	4136	
55	4212	
56	4288	
57	4364	
58	4440	
59	4516	
60	4592	
61	4668	
62	4744	
63	4820	
64	4896	
65	4972	
66	5048	



# VERTICAL SLIMLINE

## Assembly Instructions

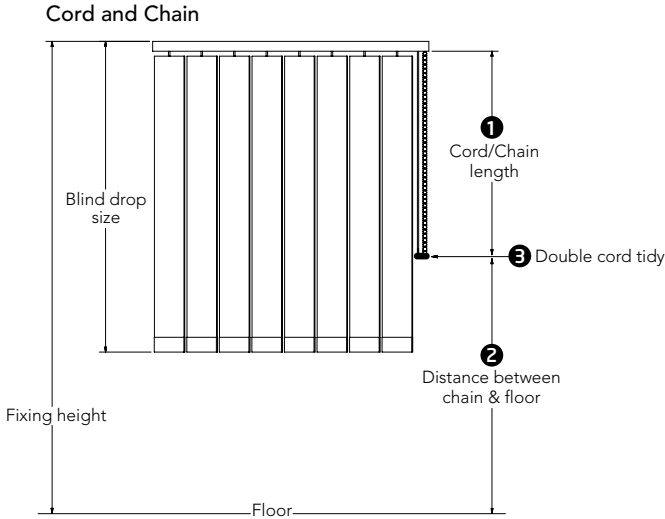
---

### SPLIT DRAW

No of Trucks	89	127
2	164	238
4	316	467
6	469	696
8	621	924
10	774	1153
12	927	1382
14	1079	1610
16	1232	1839
18	1384	2067
20	1537	2296
22	1690	2525
24	1842	2753
26	1995	2982
28	2147	3210
30	2300	3439
32	2453	3668
34	2605	3896
36	2758	4125
38	2910	4353
40	3063	4582
42	3216	4811
44	3368	5039
46	3521	

No of Trucks	89	127
48	3673	
50	3826	
52	3979	
54	4131	
56	4284	
58	4436	
60	4589	
62	4742	
64	4894	
66	5047	

# CHILD SAFETY - BS EN 13120 GUIDELINES FOR VERTICAL BLINDS



## ❶ If fixing height is unknown

- Blind drop  $\leq$  2.5 metres, the cord/chain length must be  $\leq$  1 metre.
- Blind drop  $>$  2.5 metres, the cord/chain length must be drop of blind minus 1.5 metres.

## ❷ If fixing height known

All blind drop sizes, distance between floor and bottom of cord/chain must be greater than 1.5 metres.

## ❸ Cord tidy

Affix cord tidy to wall at the maximum distance possible from the blind control mechanism ensuring all operating cords are taut (cords no more than 50mm apart at entry/exit of cord tidy).

### Labelling required

General warning tag on product	✓	Accessible inner cords tag	N/A	Warning label on packaging	✓
Non-integral devices tag	✓	Unlikely access tag	★	Manufacturer ID and date label	✓

★ Only to be affixed if blind is to be installed in a commercial premises where children are unlikely to be present

Visit [www.louvolite.com](http://www.louvolite.com) to view the links to all of our assembly instructional videos.