









Zero Wall Recliner (WHR501/ 501T/601/601T)

Compo Zero Wall Hugger mechanism offers a smooth, full reclining motion with zero wall clearance to accommodate any room configuration.

- Zero-wall-recline motionance.
- Effortless reclining and closing system.
- Designated ottoman mechanism guarantees an ergonomic calf support and eliminates the possibility of ottoman droop.
- Pull-release system unlocks the mechanism; the occupant's weight reclines the chair (also available in motorized version).
- Maintenance-free low voltage actuator is used in the motorized version.



Model	Description	Product Code
Manual/Motorized Recliner 	* Standard width is 19" (LCW of seat frame) However, other width is available on request. * 2 or 3 seater bracket is available.	WHR501 (4302)
	* Standard component for electric recliner    Actuator Power supply Plug for various destinations	WHR501T (5302)
Manual/Motorized Recliner 	* Standard width is 19" (LCW of seat frame) However, other width is available on request. * 2 or 3 seater bracket is available.	WHR601 (4104)
	* Standard component for electric recliner    Actuator Power supply Plug for various destinations	WHR601T (5104)

Optional Accessories

Manual - Pull Release		OKIN REFINED Electric Motorized Set			
					
Plastic + Metal casing	Big Handle				
		Pureline Button	Hand Switch FBB101-2B-OKN (A)	USB Switch FBB204-OKN	Rechargeable Battery Pack (RBP101-OKN)



Push-Back Recliner Mechanism

(PBR 101/102/103/104)

Technical Specification

Key Features

- Easy and simple push-open mechanism.
- Made of quality high tensile steel.
- Noise-free rivet joints.
- Soft recliner mechanism.
- Removeable push lock design for back rest allow for ease of handing and transportation.
- Simple, durable design and easy adaptable to a wide range of chair designs.
- Designed for complete knock-down and ease of assembly.
- Roll-in or flush ottoman design.



	Roll-in PBR	Flush Ottoman PBR
Sofa SideView	Roll-in ottoman allows for high leg design.	Flush-ottoman to allow classical styled flush mounting ottoman.
Standard Mechanism	PBR 101	PBR 102
Extra Long Ottoman Mechanism	PBR 103	PBR 104

Standard Item For PBR

Recliner Flush Mechanism L/R

- PBRM01- Normal roll-in
- PBRM02- Normal flush
- PBRM03- Extra long ottoman (roll-in)
- PBRM04- Extra long ottoman (flush)

Back Rest Bracket - BA3003

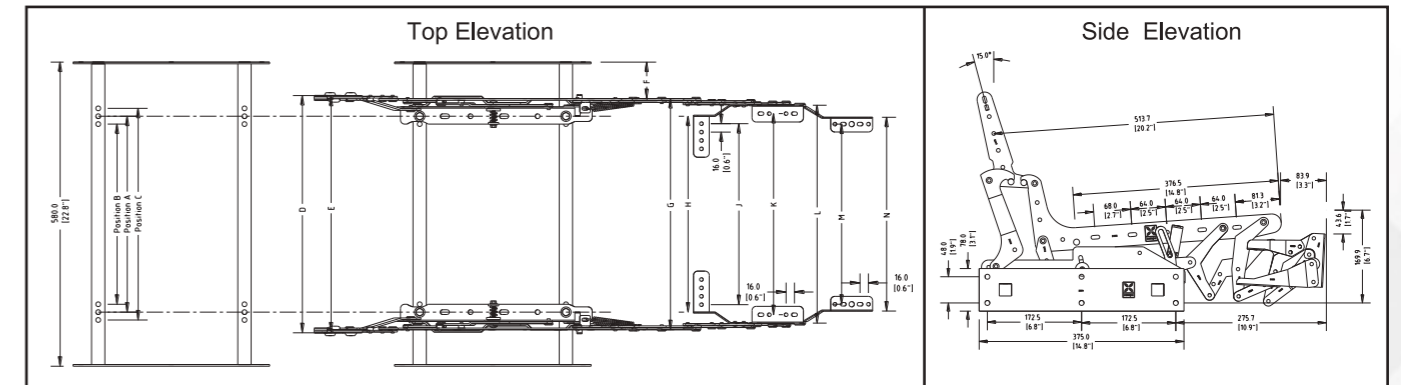
Optional Items For PBR

Safety Cover L/R - PBSC01

Cross Frame - PBCF02

Cross Link Kit for Motorized Mechanism

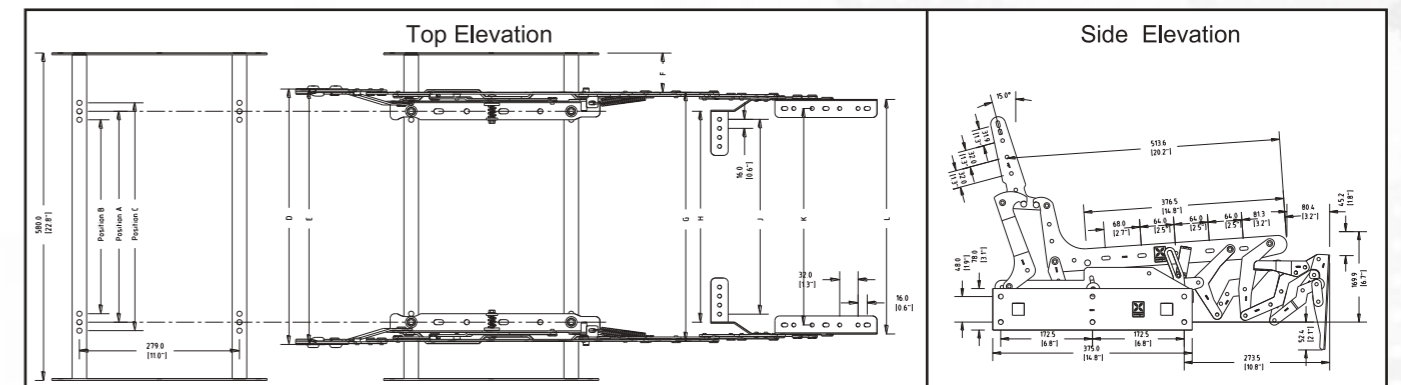
Model : PBR01



Mounting Dimension Table

Fastening Position	D (with back rest bracket)	E (without back rest bracket)	F	G (seat frame internal dimension)	H (maximum width allowed)	J	K	L (minimum width required)	M	N
Position A	452.4	449.4	69.6	440.7	373.5	345.1	383.5	415.5	343.5	369.5
Position B	424.4	419.4	84.6	410.7	333.5	375.1	353.5	385.5	313.5	339.5
Position C	482.4	479.4	54.6	470.7	403.5	375.1	413.5	445.5	373.5	399.5

Model : PBR02



Mounting Dimension Table

Fastening Position	D (with back rest bracket)	E (without back rest bracket)	F	G (seat frame internal dimension)	H (maximum width allowed)	J	K	L (minimum width required)
Position A	452.4	449.4	69.6	440.7	373.5	345.1	383.5	415.5
Position B	424.4	419.4	84.6	410.7	333.5	375.1	353.5	385.5
Position C	482.4	479.4	54.6	470.7	403.5	375.1	413.5	445.5

Options Available

Cross Frame	Electric Actuator								
<table border="1" style="margin-left: 20px;"> <tr> <td></td> <td>One Seater</td> <td>Two Seater</td> <td>Three Seater</td> </tr> <tr> <td>Length (mm)</td> <td>580</td> <td>1160</td> <td>1740</td> </tr> </table> <p>We can provide standard cross frame for one seater, two seater and three seater. We can also provide customized frames made to order and provide cross frame for actuator operated recliners.</p>		One Seater	Two Seater	Three Seater	Length (mm)	580	1160	1740	<p>Electric Actuator</p> <p>Switches</p> <ul style="list-style-type: none"> Remote Control Big Button
	One Seater	Two Seater	Three Seater						
Length (mm)	580	1160	1740						

Glider Mechanism (GLD01)

Base Options For Glider

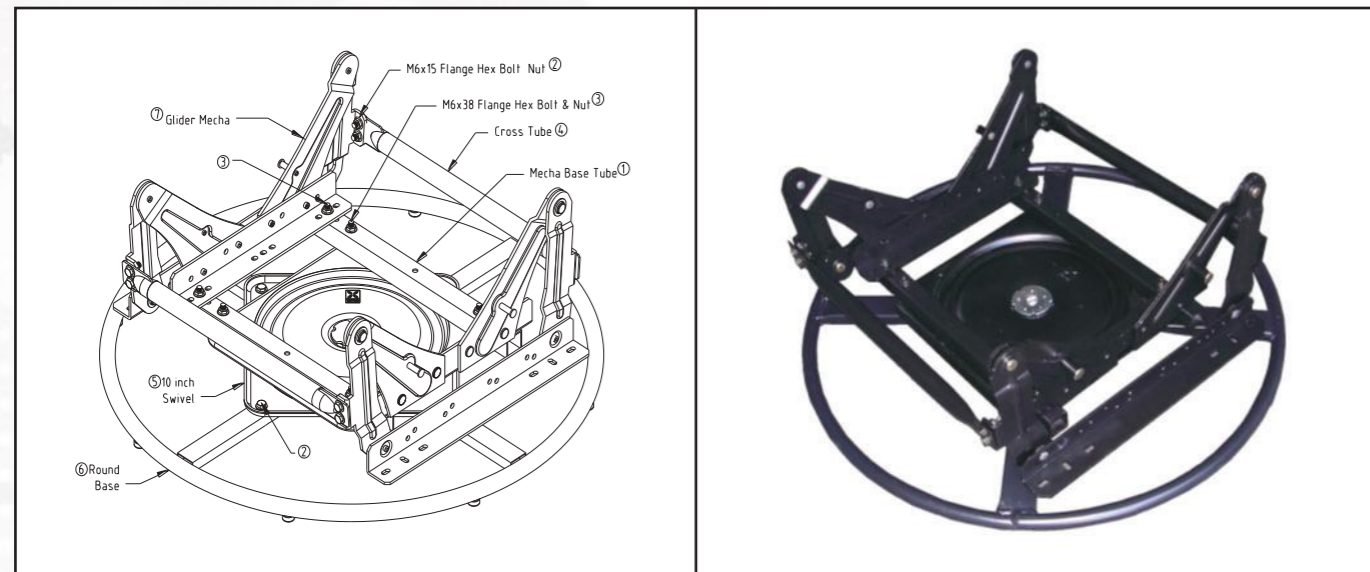
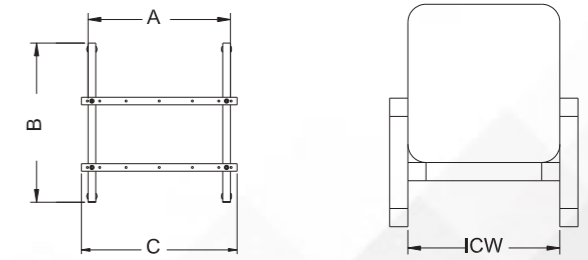
Compo Glider is designed for various type of application ranging from rattan chair, wooden garden chair, veranda upholstered chair and any other applications that the upholsterer can think of. It can also be configured as a single seater, two seater or even 3 seater configuration. Its gliding action will always be super smooth.

As always the glider is built to compo high standard and is tested to take load up to 300kg without any problem.

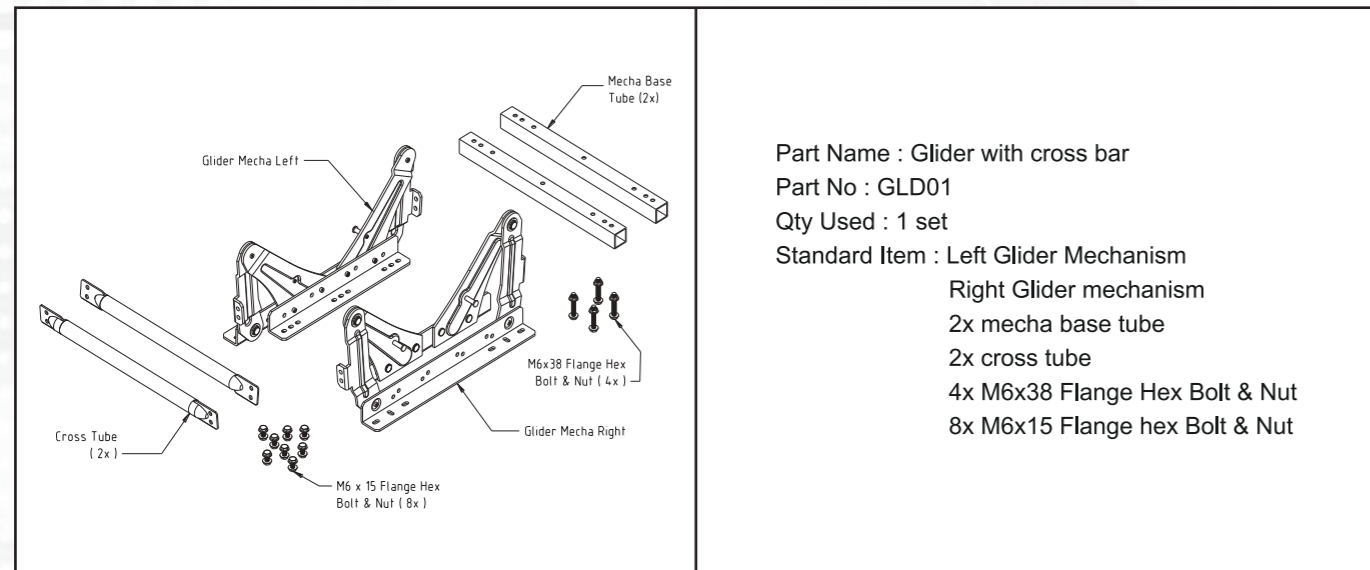


To assist upholsterer in designing a glider chair, we have available several standard options ready for use. However, upholsters are encouraged make their own base from any material to switch their applications. It also possible to order custom base from Compo.

*Size of 21" & 23" are internal chair width (ICW)
ICW = internal distance between two arm rest of single seater



Standard Item For GLD01





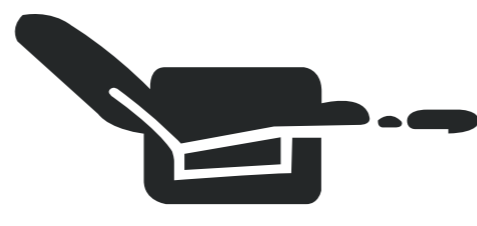
<p>Mecha Base Tube (2x) Mounting screws (4x) Base Tube Assy (2x) M6 Screw Base (4x)</p> <p>Single Seater</p>	<p>Mecha Base Tube (2x) Mounting screws (4x) Base Tube Assy (2x) M6 Screw Base (4x)</p> <p>Two Seater</p>	<p>Mecha Base Tube (2x) Mounting screws (4x) Base Tube Assy (2x) M6 Screw Base (4x)</p> <p>Three Seater</p>	<p>Mecha Base Tube (2x) Mounting screws (4x) 10" Swivel (1x) Swivel Mounting screws (4x) 24" Round Base (1x)</p> <p>Single Seater With Swivel & Round Base</p>
21" ICW-GBASE121	23" ICW-GBASE123	21" ICW-GBASE221	23" ICW-GBASE223
A = 367.8 mm B = 524.6 mm C = 462.6 mm ICW = 533.4 mm	A = 469.8 mm B = 524.6 mm C = 513.4 mm ICW = 584.2 mm	A = 932.1 mm B = 524.6 mm C = 996.0 mm ICW = 1,066.8 mm	A = 1,037.0 mm B = 524.6 mm C = 1,097.6 mm ICW = 1,168.4 mm
21" ICW-GBASE321	23" ICW-GBASE323	21" ICW-GRBASE121	23" ICW-GRBASE123
A = 1,465.5 mm B = 524.6 mm C = 1,529.4 mm ICW = 1,600.2 mm	A = 1,617.9 mm B = 524.6 mm C = 1,681.8 mm ICW = 1,752.6 mm	A = N/A mm B = N/A mm C = 462.6 mm ICW = 533.4 mm	A = N/A mm B = N/A mm C = 513.4 mm ICW = 584.2 mm

Glider Recliner GLR101-500 (4181)

The Glider Recliner is designed to glide forward and backward smoothly. Heavy duty bearing is used to ensure years of trouble free gliding action. The mechanism can also be mounted on wood legs, ring base with swivel or on its standard steel legs. For safety, the mechanism will be self lock during the reclining action. High quality rivet bushing are used in the mechanism pivot point to recline wear and noise from steel-to-steel contacts.



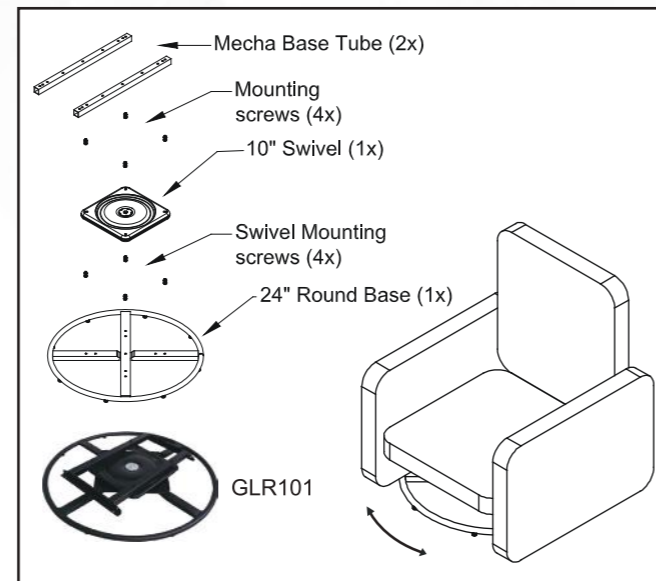
Standard Glider Motions

Close	Semi-Recline	Full-Recline
		
Gliding Motion is enable only when the mechanism is not reclining	Gliding Mechanism is locked when mecha is reclined. This will prevent tipping	

Standard Single Seater with fixed legs.



Standard Glider With Swivel & Round Base





Rocker Recliner (ROR 101 - 500)




Hardware by Compo

Compo Rocker mechanism guarantees a smooth and relaxing rocking/reclining motion with the capability of supporting up to 150 kg.

- Rock/recline motion.
- Effortless reclining and closing system.
- Designated ottoman mechanism guarantees an ergonomic calf support and eliminates the possibility of ottoman droop.
- Close-to-the-wall proximity feature in any reclining position to accommodate any room configuration.
- High quality rivet bushings are used in mechanism pivot joints to reduce wear and noise from steel-to-steel contacts.



Standard Glider Motions

Close	Semi-Recline	Full-Recline
		
Rocking motion while the mechanism is not reclining.	The rocking mechanism will be locked while the mecha is reclined to avoid tipping	

Optional Accessories

		
Rocker Mechanism	Big Handle	Metal Handle

Various Functions





Hardware by Compo







Incliner (INR101 / 101T / 201)

Compo Incliner guarantees you the maximum comfort intrinsiting from sitting, reading to full-recline position.


Key features:-

- Close-to-the-wall recline motion.
- Effortless reclining and closing system.
- Available in 19" and 25" seat widths.
- Pull-release system unlocks the mechanism; the occupant's weight reclines the chair (also available in motorized version – 19"/25").
- Maintenance-free low voltage actuator is used in the motorized version.



	Model	Product Code
Manual Recliner 	* Size : 500mm 525mm * Other width available on request	INR101-500 INR101-565
Manual Recliner (High Leg) 	* Size : 565mm 615mm 787mm * Other width available on request	INR201-565 INR201-615 INR201-787
Motorized Recliner 	* Size : 500mm 650mm * Other width available on request * Actuator Kit:  Actuator  Power supply  Plug for various destinations	INR101T-500 INR101T-650

Optional Accessories

Manual - Pull Release		OKIN REFINED Electric Motorized Set			
 Plastic + Metal casing	 Big Handle	 Round USB Control	 Round Remote Button	 Touch Pad (FBB202-OKN)	 Touch Sensor (FBB203-OKN)
		 Pureline Button	 Hand Switch FBB101-2B-OKN (A)	 USB Switch FBB204-OKN	 Rechargeable Battery Pack (RBP101-OKN)



Lift and Rise Recliner (LRR 101 Single Motor)

Product Specification

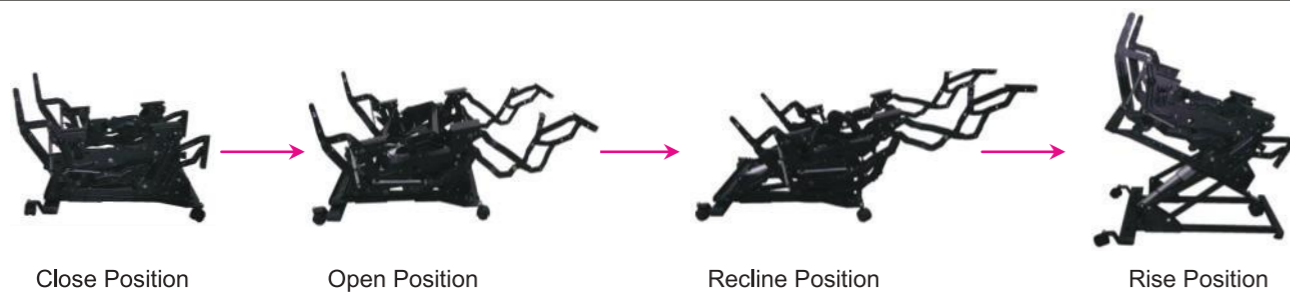
Compo LRR offers full reclining action with zero wall proximity and lift at the same time provides a high lift and tilt action.

- It is designed on a modular concept, that is fixing a true zero wall recliner on a lift and tilt base. You can place the mechanism right up against the wall without any problem.
- It is actuated by a 600kg (~6000N) electric actuator which provides smooth lifting and reclining action.
- The electric actuator comes with a motor failure brake system which prevents the chair from dropping straight down if the actuator should fail.
- The various options available to WHR 101 is also available to the LRR mechanism.

The LRR mechanism is designed to take load up to 125kg maximum.



Lift and Recliner 4 Positions



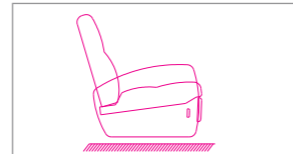
LRR 101 (Without Safety Ottoman)



LRR 102 (With Safety Ottoman)

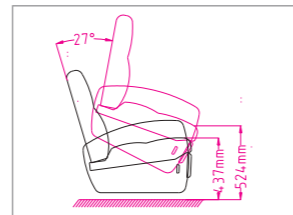


The LRR mechanism is designed to assist the user in rising from the sofa comfortably and safely. The total lift action is almost 524 mm and the tilt angle is a 35 degree from horizontal.



Close

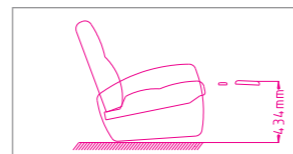
The rising and lowering action is actuated via a switch which stops immediately once the finger is lifted from the switch.



Rise

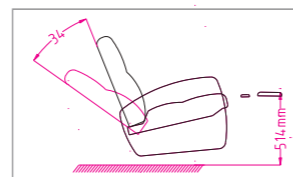
Lifting Time
9.0 Sec

The electric actuator comes with a built-in lock which can prevent sudden collapse in event of electric failure.



Open

Opening Time
4.2 Sec



Recline

Full Recline Time
4.8 Sec

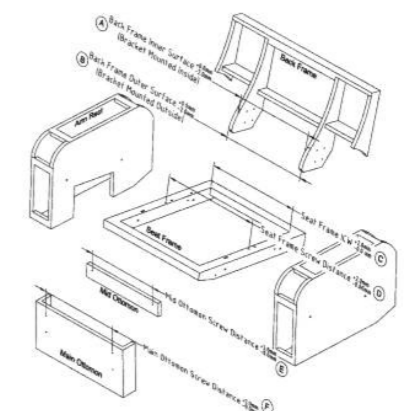
Chair width available: 18"- 475mm, 19"- 500mm, 20"- 525mm



Electric Actuator for Lift and Rise Recliner (6000N) 	Options for Transformer		Options for Switch	
	Attached Transformer 	Trailing Transformer with Ni-Cd Rechargeable Back-Up Battery 	Big Button 	Remote Switch

Stack up table for chair frame assembly

Item	Description	18"	19"	20"
A	Back Frame Inner Surface	437.6	463.0	488.4
B	Back Frame Outer Surface	452.0	477.4	502.8
C	Seat Frame Screw Distance	473.6	499.0	524.4
D	Seat Frame Screw Distance	499.2	525.0	550.4
E	Mid Ottoman Screw Distance	63.0	378.4	403.8
F	Main Ottoman Screw Distance	393.6	419.0	444.4



Optional Accessories

Safety Cover 	Safety Ottoman
Back Rest Clip (BRC) 	Castor Bracket

*Used to prevent detachment of back rest from mechanism.

Maximum weight : Our recliner is tested to a maximum load wt of 125kg.

Compo's twin-motor actuated has the following features:

- Full recline to flat position.
- Back and ottoman can be adjusted separately via separate motor.
- Power lift for easy exit. Lifting actuator can provide up to 600kg lifting power.
- Special button to return the recliner to neutral sitting position from any position.
- Friendly remote switch that make adjustment easier for user.
- The holes position for the wood frame are identical to our standard WHR 101.
- The LRR mechanism is designed to take load up to 125kg mechanism.



LRR 201 Mechanism



Transformer



Trailing transformer with Ni-Cd rechargeable back-up battery.

6000N Electric Actuator

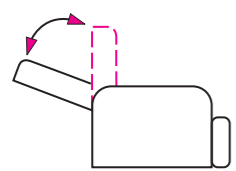


Custom made actuator with programmed action.

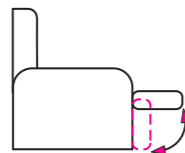
Remote Switch



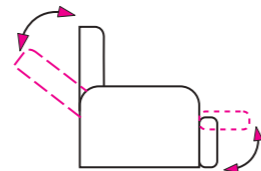
Lift and Rise Twin Motors 4 Action



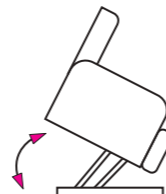
Full-flat Reclining Action



Opening Action



Simultaneous Closing



Rising Position

LRR 201 (Without Safety Ottoman)



LRR 202 (With Safety Ottoman)

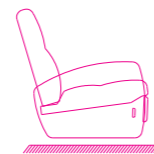


The LRR mechanism is designed to assist the user in rising from the sofa comfortably and safely. The total lift action is almost 524mm and the tilt angle is 19° degree from horizontal.

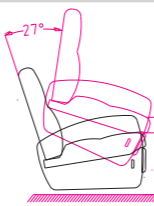
The back rest can reclined to almost bed like position.

The rising and lowering action is actuated via a switch which stop immediately once the finger is lifted from the switch.

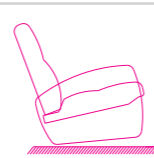
The leg action and back rest action are controlled by separate motor.



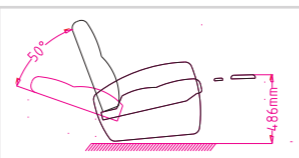
Close



Rise
Lifting Time
11.6 Sec



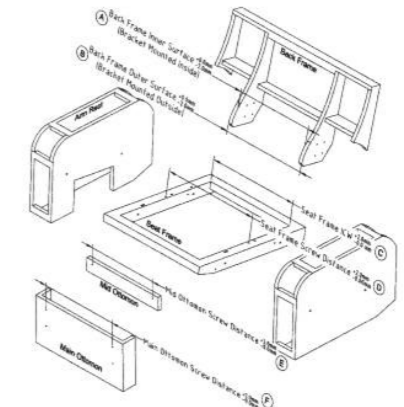
Open
Opening Time
6.4 Sec



Recline
Full Recline Time
11.3 Sec

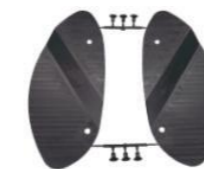
Stack up table for chair frame assembly

Item	Description	18"	19"	20"
A	Back Frame Inner Surface	437.6	463.0	488.4
B	Back Frame Outer Surface	452.0	477.4	502.8
C	Seat Frame Screw Distance	473.6	499.0	524.4
D	Seat Frame Screw Distance	499.2	525.0	550.4
E	Mid Ottoman Screw Distance	63.0	378.4	403.8
F	Main Ottoman Screw Distance	393.6	419.0	444.4



Optional Accessories

Safety Cover



Safety Ottoman



Back Rest Clip (BRC)



Castor Bracket



*Used to prevent detachment of back rest from mechanism.

Maximum weight : Our recliner is tested to a maximum load wt of 125kg.

Chair width available: 18"- 475mm, 19"- 500mm, 20"- 525mm

Compo's Tubular Steel Frame offers sofa makers an alternative way to make an upholstered sofa. Compo's Tubular Steel Frame are designed for easy upholstery and also assembly. Other features include :-

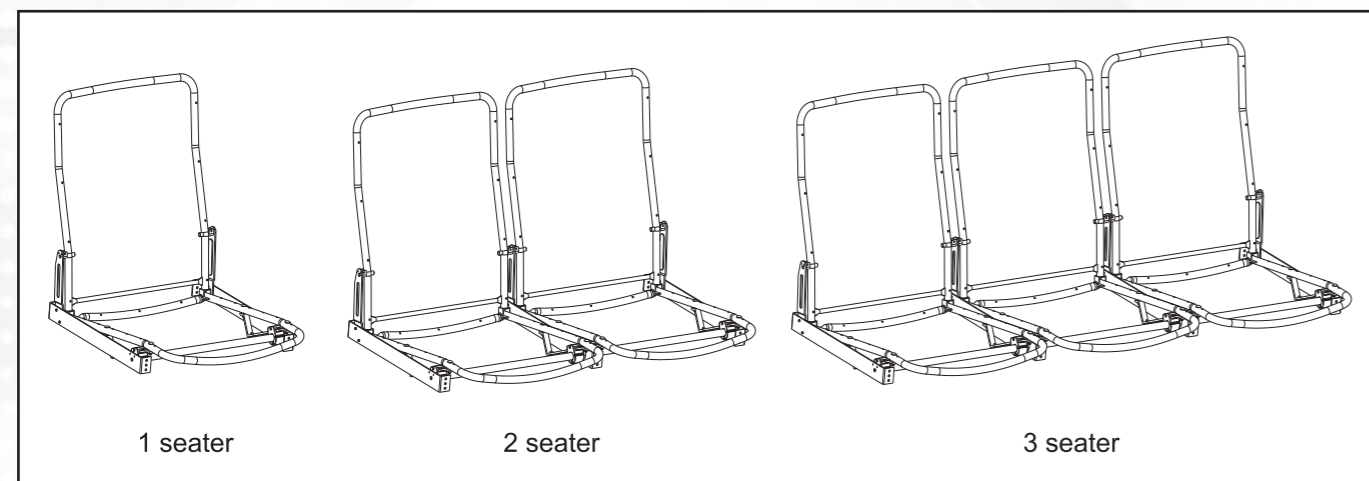
- Can be used for fixed seat or reclining seat.
- Thick gauge Ø19.0 quality steel frame for sturdy and long lasting usage.
- Detachable back frame for easy packing and delivery.
- Optional adjustable head rest bracket for better head posture.
- Can be configured for single seater, two seater or three seater.



TSF 101 Features

<p>Easy drop in assembly</p>	<p>Adjustable head rest bracket</p>	<p>Durable glider mechanism for smooth reclining action</p>	<p>Detachable back rest</p>
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Various Configuration of Seats



Back Frame Shapes & Sizes

Low Back		Standard Back		Adjustable Head Rest		Auto Tilt Head Rest (TSF 102)	
Height	Order Code	Height	Order Code	Height	Order Code	Height	Order Code
24"	LB24	29"	CB29	29"	HB29	29"	AB29
26"	LB26	31"	CB31	31"	HB31	31"	AB31

Seat Frame Sizes

Seat Frame	
Depth	Order Code
22"	SD22
24" & 26"	SD24

Accessories

<p>Glider Mechanism Set</p>	<p>Mounting Bracket (Left/Right)</p>	<p>Sinuous Spring (6 pcs per seat frame)</p>
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Optional Items

<p>Adjustable Head Rest Bracket</p>	<p>Metal Cross Bar For Rigid Frames</p>	<p>Bracket For Fixed Seat</p>
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How to order :

To order your chair frame, you will need to specify the chair width, back frame type and height, and seat frame depth.

eg : chair frame of 21" width, with adjustable head rest back of 29" with seat depth of 22".

The order code is as follow :
TSF21 -AB29SD22



Compo's Tubular Frame Recliner offers sofa makers an alternative way to make an upholstered sofa. The mechanism is designed for easy upholstery and also assembly.









Features includes:-

- Can be used for fixed seat or reclining seat.
- Thick gauge Ø19.0 quality steel frame for sturdy and long lasting usage.
- Adjustable head rest bracket for better head posture.
- Maximum loading is 130kg.

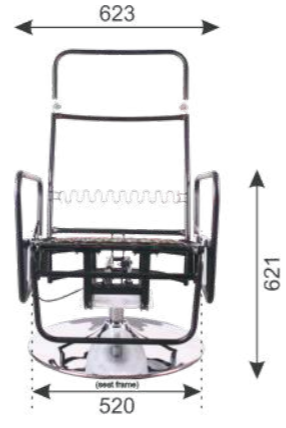

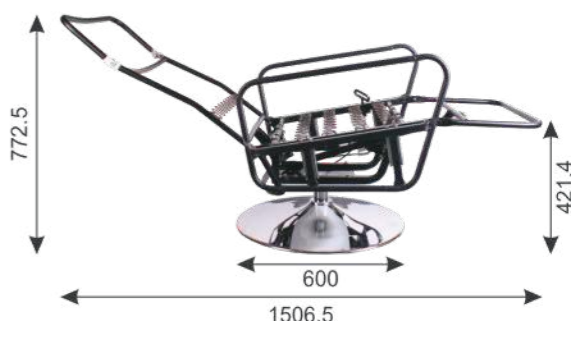


Features







1. This mechanism can be actuated by lockable gas spring or by electric motor.	  <p>Lockable gas damper Electric motor</p>
2. Stepless adjustable head rest bracket for comfortable reading or TV viewing position.	 
3. You can choose either chrome leg or stainless steel leg.	  <p>Chrome Stainless steel</p>
4. KD bracket joints for easy attachment of arms to seat.	 

Key Dimension






		
Front view	Side view (sitting)	Side view (recline)

Basic Frame

Back frame	Seat frame	H frame	Ottoman
			
TSBF-101	TSF-101	OT-101	BB-101

*Accessories such as screw, nylon lock nuts, zig zag spring, hinges locking coins and washers will be provided.

Optional Items

<h4>Electric Motor</h4>  <p>* we can supply various plug option</p>	<h4>Remote control</h4>    <p>Wireless remote control Wired remote control Fixed button control</p>
<h4>Armrest frame</h4>  <p>* the design can be custom designed</p>	

Compo seat slide mechanism is designed to extend the seat depth of sofa by a maximum of 13 inches. With the slide full extended the sofa converts to a relaxing chair or even a lay bed.

Features include:-

- Easy mounting of seat.
- No metal to metal contact.
- Robust engineering plastic slider.
- Adjustable seat depth.
- Bumps is built into the slide to prevent sliding at sitting positions.
- It will only slide when we nudge the seat forward.

As usual our seat slide is built to the exacting standard expected of compo product.



Extension Position

<p>Closed Position</p>	<p>Open Position</p> <ul style="list-style-type: none"> Can use the sofa as an occasional bed. The seat extension is long enough to support the leg for greater comfort.
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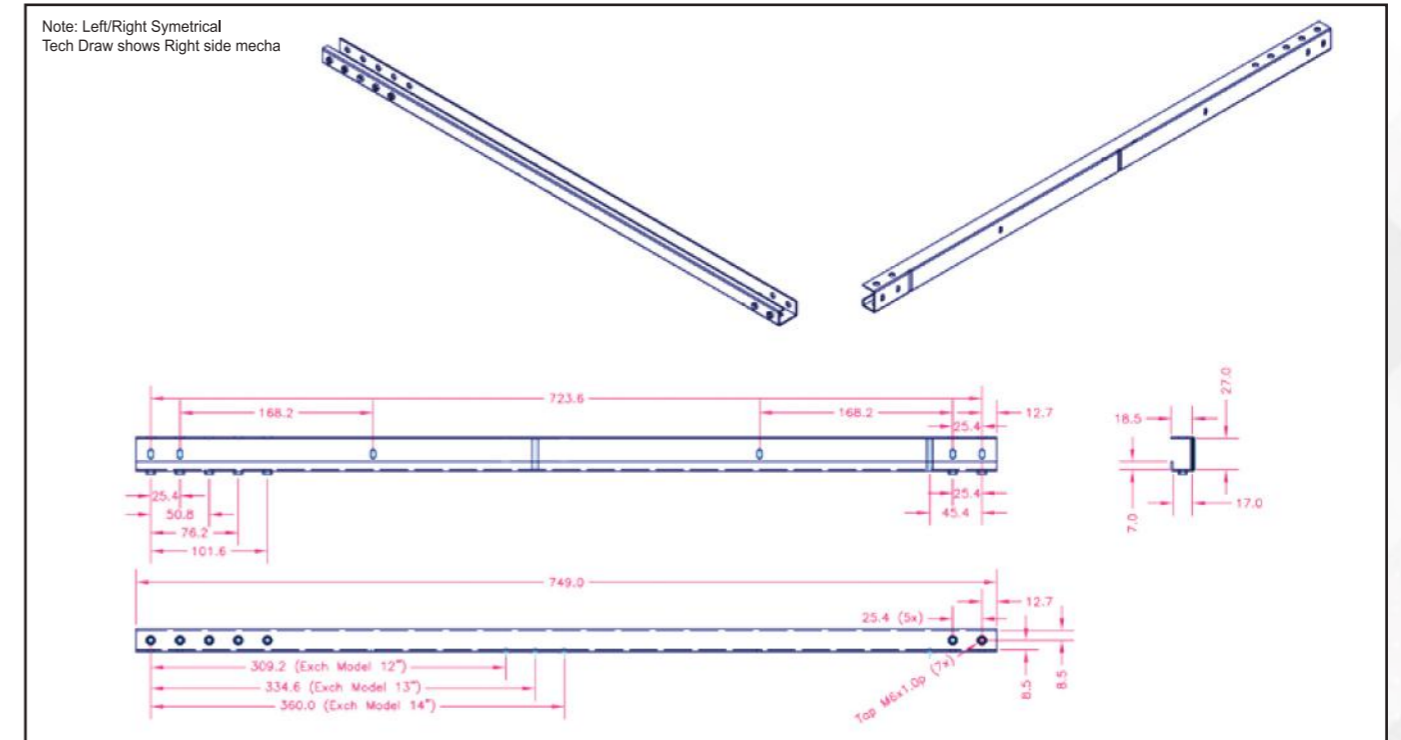
Key Features

<p>Bumps to prevent sliding at sitting position</p>	<p>Heavy duty engineering for long trouble free applicant.</p> <p>As there is no metal to metal contact, there is no metal rubbing problem and application of grease is not necessary.</p>	<p>Adjustable stopper</p> <p>Adjustment holes maximum extension length is 13"</p>	<p>Slider- 4pcs Code: SMG 001</p> <p>Stopper- 4pcs Code: SMS 001</p> <p>Screw for stopper- 4pcs Code: JCBC M6x35</p>
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Options for seat slides mounting

<p>Seat Slide Rails - 1pair</p> <p>SSL 101 (Front Mounting)</p>	<p>Seat Slide Rails - 1pair</p> <p>SSL 102 (Top Mounting)</p>	<p>Seat Slide Rails - 1pair</p> <p>SSL 103</p>
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Basic Dimension



Mounting Guide

<p>This seat frame is designed to slide under the back frame.</p>	<p>This slider is designed to be mounted under the seat frame.</p>	<p>①</p> <p>-Slide mecha rail (left/right) - 1 each -Chipboard screw Ø4 x 1" length-6pcs</p>
<p>②</p> <p>1. Slider Mecha Rail (Left/Right) - 1 each 2. Chipboard Screw Ø4 x 1" Length - 6 pcs 3. Use the Jig to align SM Rail Parallel</p>	<p>③</p> <p>1. Slider Mecha Stopper - 2pcs 2. JCBB m6x35 mm Length -2pcs</p>	<p>④</p> <p>1. Slider Mecha Glider - 4pcs 2. Chipboard Screw Ø4 x 1.5" Length - 8pcs</p>
<p>⑤</p> <p>1. Slider Mecha Glider - 4pcs 2. Chipboard Screw Ø4 x 1.5" Length - 8pcs 3. Use the Jig to position Glider in Location</p>	<p>⑥</p> <p>After the slide rail slider is properly mounted, the seat frame is slide into the slide rail from the front.</p>	<p>⑦</p> <p>Slide the stopper into the convert stopper position and back into place using an M6 screw.</p>

Compo CHR101 sliding recliner mechanism is design to slide the seat frame form and reclining the back frame at the same time. The seat frame seats on 4 strong engineering plastic sliders and glides along steel channels with smooth and almost noiseless motion.

There is also a variety of electrical option available for customer to select. Or alternatively, the CHR101 can also be operated manually.

As usual the CHR101 mechanism is built to the exacting standard required by all Compo products.



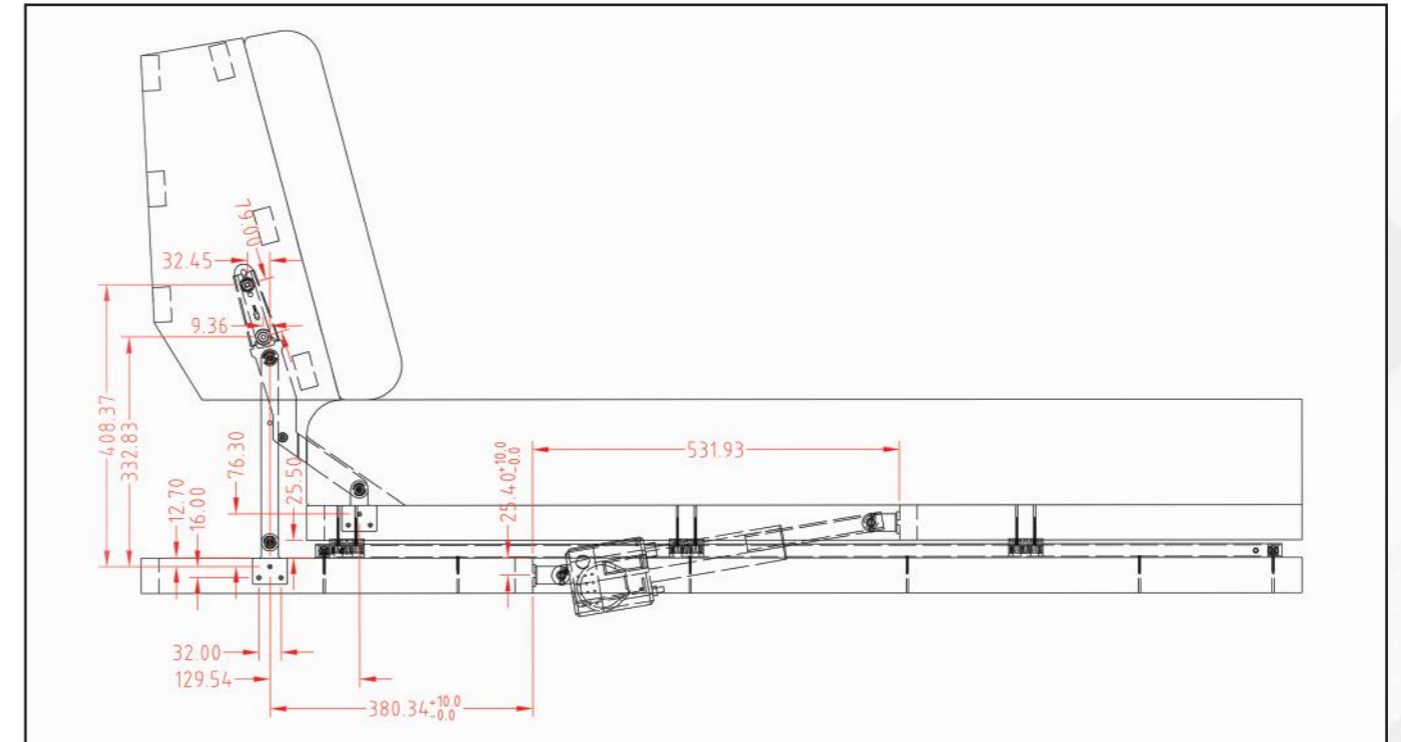
Key Features

Closed Position	Open Position	Zero Wall Recliner	

Components of CHR101 Mechanism/Electrical Accessories

KD Bracket back for knockdown assembly		Smooth sliding action	
Electric Actuator	Power Supply	Optional Switches	
 ACT301-20002W-455.300-0	 TTN101-2PPEU-O TTN101-3PPUK-O	 Big Button (fix to arm rest) FBB101-2B-0	 Remote Switch RBB101-2B-0

Basic Dimension



Mounting Guide

		 1. Slide mecha rail (left/right) - 1 each -Chipboard screw Ø4 x 1" length-6pcs
 1. Slider Mecha Rail (Left/Right) - 1 each 2. Chipboard Screw Ø4 x 1" Length - 6 pcs	 1. Slider Mecha Stopper - 2pcs 2. JCB m6x35 mm Length -2pcs	 1. Slider Mecha Glider - 4pcs 2. Chipboard Screw Ø4 x 1.5" Length - 8pcs
 1. Slider Mecha Glider - 4pcs 2. Chipboard Screw Ø4 x 1.5" Length - 8pcs	 After the slide rail slider is properly mounted, the seat from is slide into the slide rail from the front.	 Slide the stopper into the convert stopper position and back into place using an M6 screw.