



CAFORD CASTORS (NZ) LTD

Caford NZ Ltd

Chair Recliner Mechanisms

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Volume 1, Issue 132

12 November 2013

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8141 (3161PRA)

2-Way

- 2-Way mechanism fixed seat/back angle provides comfortable TV or full recline positions
- Pre-drilled for mid-ottoman tubes to meet C.P.S.C. approved safety standards
- Shoulder rivets and washers used at all key pivot points for durability



888 Series Zero Wall 3 position Recliner

3-Way

- Zero wall recline motion
- Standard ottoman length - elevated mid-ottoman
- Swivel option available
- Standard sizes available are 17-5/8", 19-5/8", 20-5/8", 27-5/8" (448 mm, 498 mm, 524 mm, 702 mm)
- 19-5/8" (498mm only avail ex stock)



Performance & Engineering

- Wide heavy gauge links designed for safety and appearance without pinch points.
- Built-in articulating elevated mid-ottoman allows use of wider and higher mid-ottoman for elimination of entrapment areas and for leg support.
- Geometrically balanced to allow the occupant's weight to balance operation instead of springs.
- Handle/lever unlocks the mechanism, occupants weight opens the chair.
- Square drive tube connects to and controls both left and right sides.
- Flatter links supporting chair for improved weight capacity (100 kg occupant weight).
- Mechanism base width is closer to seat width while maintaining sufficient clearance between links to eliminate possibility of interference.
- Heavy flanges on links instead of tube eliminates problems with flexing and breaking of tube



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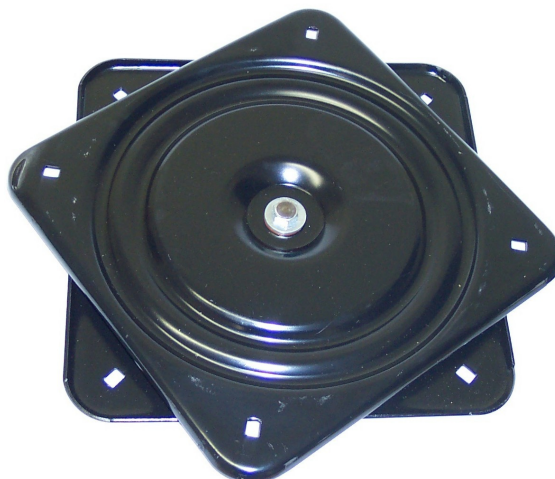
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888 Chair Recliner Swivel & Ring Accessories

R62AG5102
Swivel, Ring and Adaptor Kit to
Fit to 888 Recliner



R61 Swivel only





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Electric Chair Recliner Mechanisms

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**881 1 Motor Infinite Position
Zero Wall Recliner**



**See over page for features
Benefits and Comments**



**Electric Chair
Recliner Mechanisms**

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**881 1 Motor Infinite Position
Zero Wall Recliner**

FEATURES	BENEFITS	COMMENTS
STYLIZED OTTOMAN Wide Heavy Gauge Links.	Strength, durability, and safety.	Profile shape designed for safety and appearance without pinch points Built
-in Articulating Elevated Mid-Ottoman.	Maximum safety and comfort.	Articulating design allows use of wider & higher mid-ottoman for elimination of entrapment areas and for leg support.
GEOMETRICALLY BALANCED Geometry used to balance operation. cycle time for small or large person.	Less stress on motor with same	Occupant's weight used to balance operation instead of springs. Forces on the motor remain low throughout the full cycle.
DIRECT DRIVE Direct Drive Tube connecting sides.	Maximum synchronization of sides.	Square drive tube connects to and controls both left & right sides. Motor is attached directly to drive tube.
MINIMUM STACKUP Flatter links supporting chair.	Greater bending resistance.	Improved weight capacity and durability (100 kg occupant weight). Mechanism base width is closer to seat width while maintaining sufficient clearance between links to eliminate possibility of interference.
Wider base mounting points.	Greater stability and strength.	
FLANGED LINKS FOR STABILIZER TUBES Heavy flanges on links instead of tube.	Maximum strength and side-to-side stability	Eliminates problems with flexing and breaking of tube end at bend . Flange is on heavy gauge link instead of the lighter gauge tube which can flex and break.
LARGE DIAMETER CROSS TUBES Large diameter tubes instead of formed straps.	Maximum strength, side to side stability and torque control.	Unique design of flattened tube end maximizes torsional strength unlike on tubular cross members which have no significant torsional strength.
EXTENDED LIFE RIVET JOINTS Acetal and Bronze rivet bushings.	Reduced wear and increased durability.	All rivet joints have either acetal (Delrin) or Bronze bushings and acetal spacers to eliminate any steel-to-steel contact. No metal-to-metal noises when links contact stop pins.
Nylon stop pin bushings.	Reduced noise.	
SAFETY FEATURES Spring-Loaded Footrest Bracket.	Reduced chance of entrapment.	Footrest bracket is spring-loaded at all four corners which allows to footrest to pull away from the seat and arm stumps if something becomes trapped upon closing. A hand wand can be quickly and easily removed when not in use to prevent children from operating chair. Complies with Canadian regulations for keyed hand wand.
Quick-Release Hand Wand .	Childs safety feature.	
POWER SOURCE Fast Okin Beta Drive Motor.	Fast operation.	Seven second cycle time with s motor operation.
Remote Transformer.	Low voltage to the chair.	Transformer is located away from the chair to eliminate safety hazards of high voltage to chair
INTERCHANGABILITY WITH OMEGA RECLINERS	One Frame	All Omega Recliners are interchangeable the same frame if the frame is constructed for Rocker and Two-Motor Lift.



Electric Chair Recliner/Lift Mechanisms

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1 Motor Recline/ Lift Mechanism



Motion Recline With Lift Capability

Standard size available in 19-5/8" (498 mm)

Styling & Design

- "The ultimate" in reclining chairs with near zero wall capability
- Spring loaded ottoman
- Maximum seat elevation with superb stability in full lift position
- Easy to use hand control
- Wide stance construction provides greater side to side stability
- Unitized system for greater strength, durability and rigidity

Performance & Engineering

- Fits same frame as manual zero wall, glider or rocker
- Durable steel base and cross supports
- Finger tip motion control with infinite recline positions
- Optional K.D. back system for easy back removal and handling
- Engineered bushings and washers at pivot points provide quiet smooth operation and durability
- Direct drive activation synchronizes right and left sides for easy opening
- **All Omega series mechanisms are interchangeable in the same**



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Electric Chair Recliner/Lift Mechanisms

2 Motor Recline/ Lift Mechanism

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Motion Recline With Lift Capability

Two Motor Lift Recline

Allows back and ottoman to operate independently

Standard size available in 19-5/8" (498 mm)

Styling & Design

- "The ultimate" in reclining chairs with near zero wall capability
- Spring loaded ottoman
- Maximum seat elevation with superb stability in full lift position
- Easy to use hand control
- Wide stance construction provides greater side to side stability
- Unitized system for greater strength, durability and rigidity

Performance & Engineering

- Fits same frame as manual zero wall, glider or rocker
- Durable steel base and cross supports
- Finger tip motion control with infinite recline positions
- Optional K.D. back system for easy back removal and handling
- Engineered bushings and washers at pivot points provide quiet smooth operation and durability
- Direct drive activation synchronizes right and left sides for easy opening
- **All Omega series mechanisms are interchangeable** in the same frame if the frame is constructed per the Rocker frame prints.



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Recliner Chair Pull Release Handles and Cables, and Big Handles

Mh0004
Black Colour Capro
110mm long x 75mm Wide
32" Long Black Outer
Cable



MH0002 Short or Long
Walnut Colour Capro
90mm Long X 75mm Wide
32' Long Black Outer
Cable
OR
28" long Black Outer
Cable



RK5157 Big Handle
Mock Woodgrain Colour &
Finish
24cm long with 15mm
Inset Square Drive





Bi fold Sofa Bed Slatted or Non Slatted Single, Double, Queen

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- **Bifold Tubular Frame**
- **100mm Thick Cotton Quilted Innersprung Mattress**
- **Available with or without Wooden Support Slats**

2500 Series Sleeper Mechanisms Product Characteristics

- 1. Double locking TV headrest provides added comfort while lounging or watching TV by raising the upper body. To reduce field failures, the headrest also restricts the unit from being cycled while in the UP position.**
- 2. Body support tubes and wires together enhance support in the body section to eliminate sagging. The dual welded offset tubes keep the unit square and enhance unit strength.**
- 3. Contoured seat section offers a wider seating area by allowing seating close to the arm.**
- 4. Engineered low profile linkage keeps all metal parts below the mattress line while being the easiest to operate in the industry.**
- 5. Optional seat support wires provide support while sleeping, plus adding durability to the overall unit. Support wires also give the quality feel of stationary seating.**
- 6. Extended polypropylene decking is designed to extend beyond the metal frame and linkage parts eliminating any metal to upholstery contact.**
- 7. All tubular frame construction provides a smooth and visually appealing look with improved safety (eliminated pinch points) and comfort in the seated position.**
- 8. Dual one piece tubular legs provide enhanced stability and strength, allowing the unit to be operated from the center or side position.**
- 9. Available in 44" (1118mm wide), 60" (1524mm wide) and 67", & (1700mm wide) frame size**