

BrewerDesign's DynaCore™

Model 9400 Series Stool User Manual



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Brewer
DESIGN

The Brewer Company LLC
13901 Main Street
Menomonee Falls, WI 53051
P 800.558.8934
P 262.251.9532
F 262.251.4391
www.brewer-design.com

IMPORTANT INFORMATION

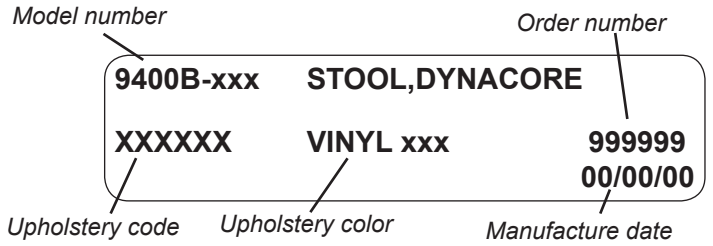
General

The DynaCore™ stool combines Brewer Design’s clinically researched seating with a Therapeutic Dynamic Seating System. This technology, now incorporated in the DynaCore™, will treat and help prevent back pain by inducing natural posture and strengthening back and body core muscles while you work. **Note- Because of the nature of this stool, we recommend a gradual build up in the hours of use. Begin using the stool 4 hours a day for the first 2 weeks.** This patented approach has all the features of a traditional dental stool PLUS the Therapeutic Dynamic System that offers you total customization control.

Service

If you require assistance with the assembly or operation of your Brewer Design stool, call the Brewer Design Customer Service Department at **(800) 558-8934**. Our trained staff will attempt to assist you in correcting the problem directly over the phone. If service is required, please contact your local equipment dealer.

Please have the following information from the product label located under the seat before calling Brewer Design or your distributor with questions regarding your unit.



SAFETY INFORMATION

Safety Information

The primary concern of The Brewer Company is that the stool is operated and maintained with the safety of the patient and health care staff in mind. To ensure safe and reliable operation:

- Read and understand all instructions in this manual before attempting to install or operate the unit.
- Ensure that appropriate personnel are informed on the manual contents. This is the responsibility of the purchaser.
- Ensure that this manual is located near the stool.

Failure to follow instructions with these symbols could result in serious personal injury and/or damage to the unit.

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

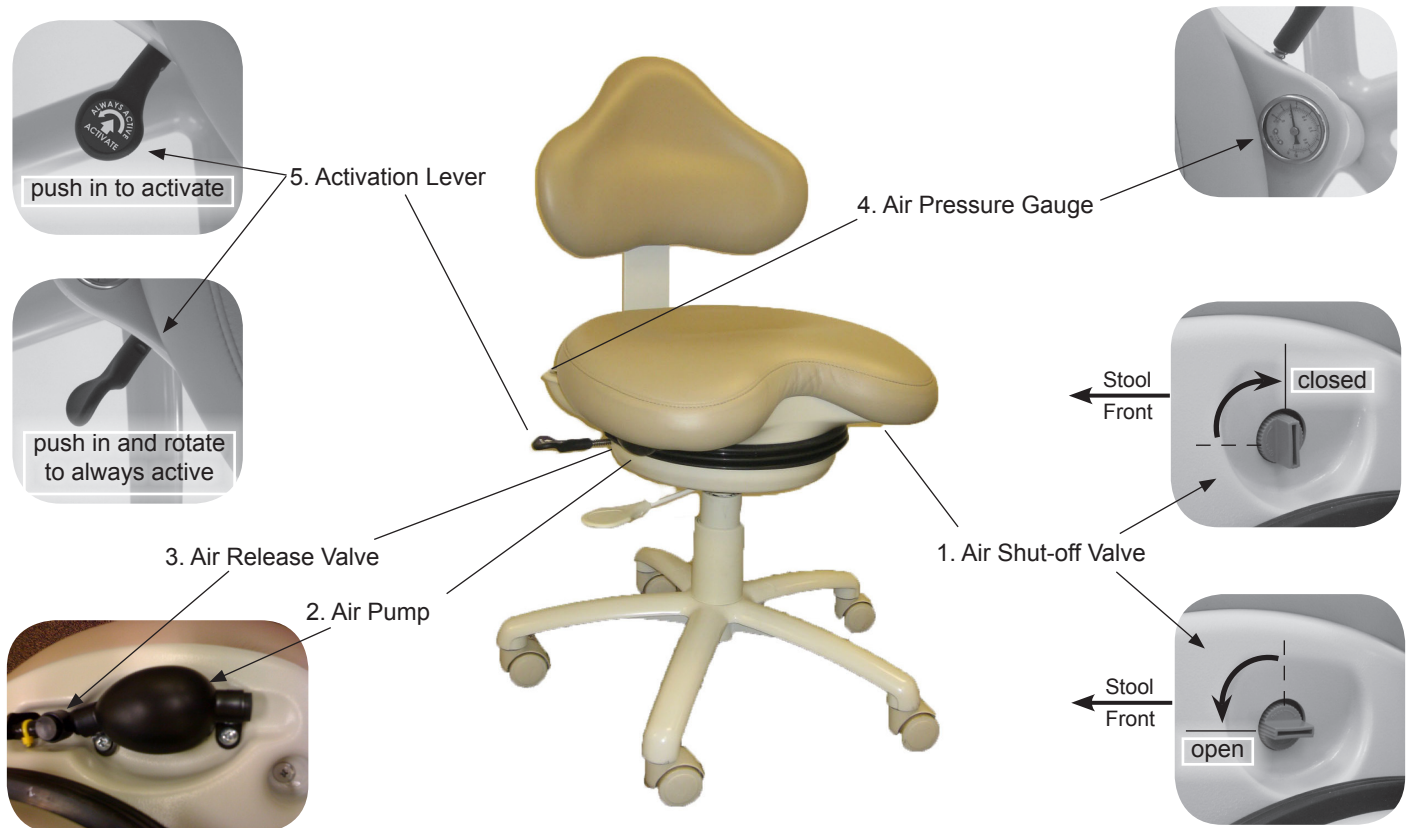
Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury and/or equipment damage.

SPECIFICATIONS

Model Number	Height	Base Diameter	Shipping Weight	Seamless Upholstery	Stationary Arms	Weight Capacity
9400B	19"-23.25"	21.5"	62 lbs	X	-	250 lbs
9400BST	19"-23.25"	21.5"	62 lbs	-	-	250 lbs
9400B-L	17"-19.75"	21.5"	62 lbs	X	-	250 lbs
9400BST-L	17"-19.75"	21.5"	62 lbs	-	-	250 lbs
9400B-H	20"-24.75"	21.5"	62 lbs	X	-	250 lbs
9400BST-H	20"-24.75"	21.5"	62 lbs	-	-	250 lbs
9400BA	19"-23.25"	21.5"	69 lbs	X	X	250 lbs
9400BAST	19"-23.25"	21.5"	69 lbs	-	X	250 lbs
9400BA-L	17"-19.75"	21.5"	69 lbs	X	X	250 lbs
9400BAST-L	17"-19.75"	21.5"	69 lbs	-	X	250 lbs
9400BA-H	20"-24.75"	21.5"	69 lbs	X	X	250 lbs
9400BAST-H	20"-24.75"	21.5"	69 lbs	-	X	250 lbs

THERAPEUTIC DYNAMIC SYSTEM COMPONENTS

The Therapeutic Dynamic System is an air suspension system that allows for a full 360° of balanced, dynamic movement. You customize it to your personal preference. The “speed” of movement of the seat is determined by the amount of air pressure in the system. Higher air pressure provides more tension in the system, and therefore a “slower speed” of movement results.



⚠ WARNING

The DynaCore stool tilts 7° front to back and side to side. To avoid injury the user must sit with feet firmly on the floor and weight centered on the stool. See page 5 for seat and backrest adjustment.

⚠ CAUTION

The DynaCore stool is for professional use only. This product is not intended for use by untrained personnel.

1. **Air Shut-off Valve**-- Maintains air pressure (tension) in the system. This valve should remain closed while the stool is in use. The valve is opened to make adjustments to the air pressure in the system.
2. **Air Pump**-- Allows you to increase air pressure in the system. Squeeze the bulb to add air.
3. **Air Release Valve**-- Allows you to decrease air pressure in the system. Push the button to release air.
4. **Air Pressure Gauge**-- Provides a visual indication of the air pressure in the system.
5. **Activation Lever**-- Engages the 360° movement of the Therapeutic Dynamic System. The lever has three positions:
 - a. Activation Lever *out*-- 360° movement is deactivated. Seat will tilt front to back as a traditional stool.
 - b. Activation Lever *in*-- 360° movement is activated. The automatic lockout feature will deactivate 360° movement when you leave or remove your weight from the seat.
 - c. Activation Lever *in and rotated 90°* to vertical-- 360° movement is always active. Automatic lockout is disabled. 360° movement will remain active even after you leave or remove your weight from the seat. To deactivate, you must push in and rotate the lever 90° forward, then remove your weight from the seat.

ASSEMBLY INSTRUCTIONS

⚠ CAUTION

To avoid damaging the stool's upholstery, do not use a knife or other sharp object to open the package. Also, to avoid damaging the stool do not use levers for lifting.

⚠ CAUTION

Stool backrest and seat component weighs approximately 40 lbs. Use proper techniques when lifting.

Stool assembly:

1. Remove all packing materials prior to removing the components.
2. Remove the attached backrest and seat component and carefully set aside.
3. Remove caster base and unwrap cylinder from protective wrap.
4. Insert cylinder with cylinder cover into the caster base.
5. Carefully set the seat/backrest combination onto the piston head of the cylinder.
6. Verify Shut-off Valve, located under the seat, is in the **open** position.
7. Fill the Air Suspension System by squeezing the Air Pump until the air pressure gauge reads 4-6 psi.

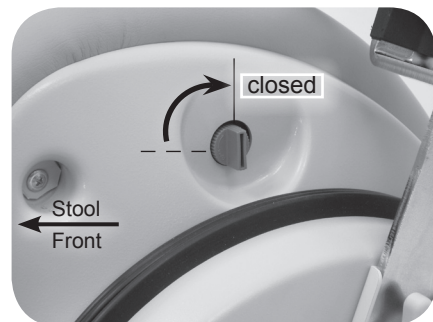
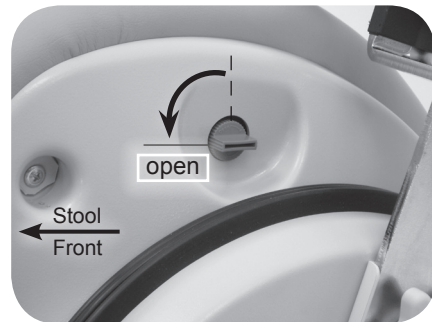
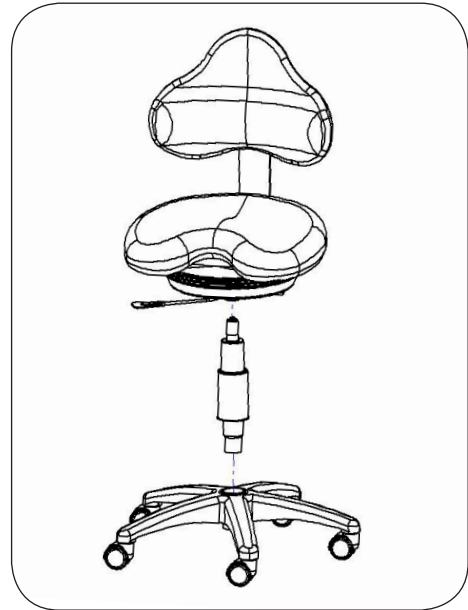
⚠ CAUTION

Pump 4-6 lbs of air pressure in the system before using the stool.

8. Turn the Air Shut-off Valve $\frac{1}{4}$ turn to the **closed** position. This valve should remain closed while the stool is in use.
9. Carefully sit on seat to "taper lock" the seat to the cylinder.

⚠ CAUTION

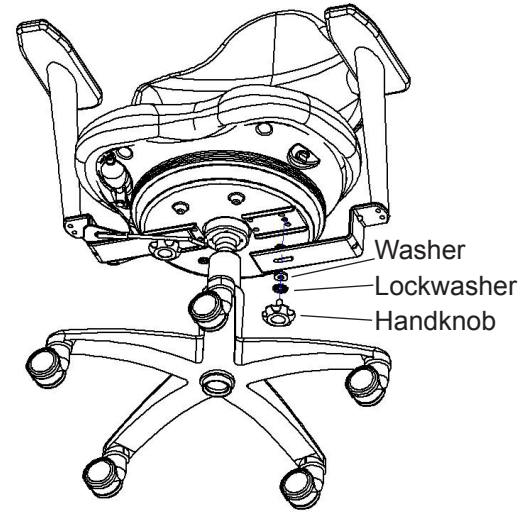
Engage activation lever and slowly experience the tilt motion of the stool. Slowly release air pressure from the system to experience the full extent of free motion.



ASSEMBLY INSTRUCTIONS cont.

Optional Armrest assembly:

1. Remove (2) Handknobs with washers from under the seat. Be sure to keep the lockwasher closest to the Handknob with the flat washer on top.
2. Place the Armrests into the armrest channel under the seat.
3. Install Handknob assemblies through slotted hole in Armrest brackets and into the threaded hole in the armrest channel. Set Armrests to desired width and tighten Handknob.



STOOL ADJUSTMENTS

Seat Height Adjustment

Your feet should be comfortably flat on the floor with the inside angle of the knee joint between 90° and 110°. You should feel no pressure underneath your thighs.

- To adjust the seat, sit on the chair and lift the height adjustment lever. The seat will drop to the lowest position.
- To raise the seat, remove your weight from the seat while lifting the height adjustment lever. Release the lever at the desired height.



Backrest Forward Adjustment

- Release the backrest lock by pushing the backrest release lever forward until it touches the seat shroud.
- Slide the backrest to the desired position and release the lever. Backrest lever should snap into the engaged position to fully lock the backrest into position.



CAUTION

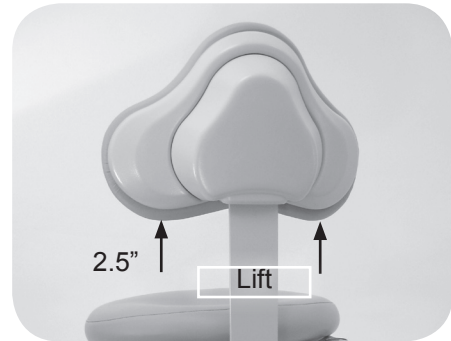
Be sure backrest release lever is engaged before sitting on the stool.

STOOL ADJUSTMENTS cont.

Backrest Height Adjustment

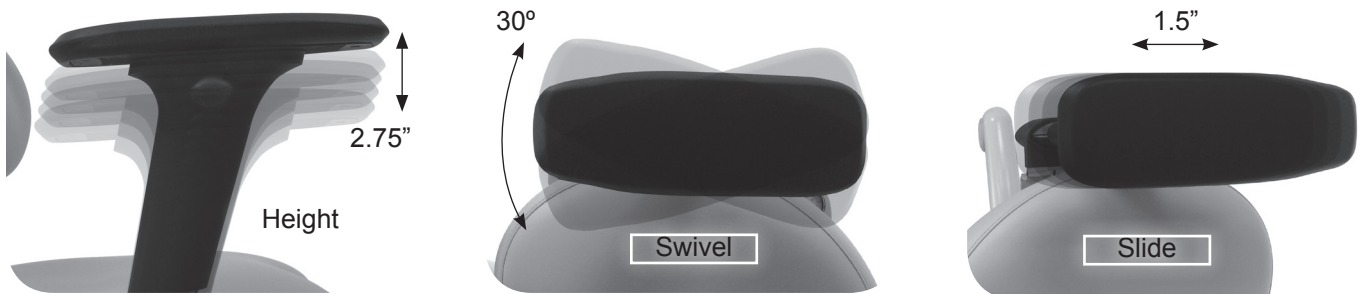
For maximum comfort, the backrest should be positioned firmly against the lumbar region of your back. The DynaCore backrest provides 8 height positions.

- Grasp the lower edge of the backrest and lift to the top position, disengaging the lock mechanism.
- Let the backrest down to its bottom position, engaging the lock mechanism (you will hear a click).
- Lift the backrest slowly to the desired height.



Optional Armrest Adjustments

Armrests include height, swivel, and slide adjustments. Adjust according to your personal needs.

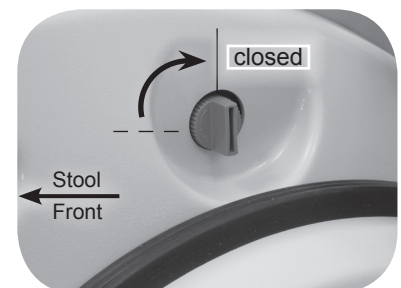
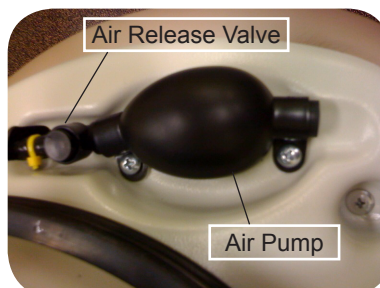
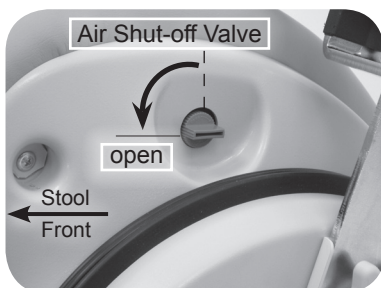


Therapeutic Dynamic System Adjustment

You can customize the firmness or tension in the air suspension system of your DynaCore stool to your personal preference. The “speed” of movement of the seat is determined by the amount of air pressure in the system. Higher air pressure provides more tension in the system, and therefore a “slower speed” of movement results.

To Adjust:

1. Turn the Air Shut-off Valve to the **open** position before making adjustments.
2. Add air pressure, or increase tension, by squeezing the Air Pump until desired tension is obtained.
or
Remove air pressure, or decrease tension, by pressing the button on the Air Release Valve until desired tension is obtained.
3. Turn the Air Shut-off Valve to the **closed** position after adjustments are complete.



MAINTENANCE

⚠ CAUTION

The upholstery material is resistant to most medicinal type stains, but may be damaged by iodine, solvents and dyes. Remove any spilled fluids on the upholstery immediately.

⚠ CAUTION

Failure to perform periodic inspections of the stool could result in personal injury or stool damage.

Preventative Maintenance

1. Periodically engage and disengage activation and backrest levers checking to make sure they securely lock in place.

Upholstery Cleaning

For Light Soiling:

1. A solution of 10% household liquid dish soap with warm water applied with a soft damp cloth will remove most soiling.
2. If necessary, use a solution of liquid cleanser and water applied with a soft bristle brush. Wipe away the residue with a warm damp cloth.

For more difficult stains not removed by the above method:

1. Dampen a soft white cloth with a solution of household bleach (sodium hypochlorite); 10% bleach, 90% water.
2. Rub gently.
3. Rinse with a water dampened cloth to remove residual bleach.

All surfaces should be cleaned within your facility's guidelines concerning antimicrobials and blood borne pathogens.

Caster Care

To prevent soil build-up, clean casters periodically with a mild soap and warm water.

Bellows Cleaning

The rubber bellows should be periodically cleaned with a mild soap and warm water or a commercial rubber cleaner.

TROUBLESHOOTING

Observation	Possible cause	Corrective Action
Cannot increase air pressure, air pump bulb hard and difficult to compress.	Air shut-off valve is closed.	Turn shut-off valve to open position.
	System already filled to capacity.	None advised
Cannot increase air pressure, air pump bulb soft and easy to compress.	Loose air hose connection on air pump.	Reconnect air hose / check for leaks
	Defective air pump.	Replace air pump / call Brewer
Air pressure does not lower when release valve is depressed.	Air shut-off valve is closed.	Turn shut-off valve to open position
	Defective release valve.	Replace release valve / call Brewer
DynaCore unit loses air pressure.	Air shut-off valve is open.	Turn shut-off valve to closed position.
	Defective air shut-off valve.	Replace air shut-off valve / call Brewer
	Air leak in system.	Check for leaks / call Brewer

TROUBLESHOOTING cont.

Observation	Possible cause	Corrective Action
When I lean forward or to the right; (i.e. to pick something off the floor or when I get off the stool) the activation lever releases.	Automatic lockout feature deactivates the 360° movement when you remove your weight from the stool. This is normal operation.	None advised
Activation lever does not release when I get off the stool.	Activation lever is in the “Always Active” position.	Push in and rotate the lever 90° forward, then remove your weight from the seat
Backrest height doesn’t hold position	Lock mechanism not engaged,	See backrest height adjustment.
Casters don’t roll smoothly	Dirt accumulation on casters	Clean casters with mild soap & water
Seat height adjustment doesn’t work	Defective cylinder	Replace cylinder / call Brewer

SERVICE PARTS

Aluminum Base	09422	Back Upholstery - seamless	99975
Caster (sold individually)	98519	Back Upholstery - with stitching.....	99973
Cylinder - 17”-19.75” height.....	101151	Backrest Bar only	101187
Cylinder - 19”-23.25” height.....	08996	Core unit only	101186
Cylinder - 20”-24.75” height.....	98126	Backrest Shroud - Insert.....	101086
Cylinder Cover.....	50950	Backrest Shroud - Outside	99913
Seat Upholstery - seamless.....	101185	Seat Shroud - Set.....	101188
Seat Upholstery - with stitching	101184	Pump Assembly.....	101229

LIMITED WARRANTY

Warranty: Brewer Design warrants its DynaCore Stools to be free from defects in parts and workmanship under normal use and service for a period of 1 year from date of shipment. Brewer Design will not be responsible for any Product failure due to abuse, misuse, modification or improper use. Products returned by prepaid freight for inspection and found defective will, at the option of Brewer Design, be repaired or replaced at no charge, but no claim for outside labor or charges will be allowed. Products must not be returned without proper written authorization from Brewer Design. Requests for authorization must be in writing and accompanied by the original purchase order, Brewer Design invoice number and a copy of the invoice for the Product. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, EMPLOYEE, OR REPRESENTATIVE OF BREWER DESIGN HAS ANY AUTHORITY TO MAKE ANY AFFIRMATION, REPRESENTATION, OR WARRANTY NOT SET FORTH IN THESE TERMS AND CONDITIONS CONCERNING ANY PRODUCTS OF BREWER DESIGN. BREWER DESIGN SHALL HAVE NO LIABILITY WHATSOEVER FOR DAMAGES CAUSED BY TRANSPORTATION, ACCIDENTS, FIRE, UNAUTHORIZED ALTERATION, OR NORMAL WEAR OR ABUSE, NOR SHALL BREWER DESIGN HAVE ANY LIABILITY WHATSOEVER FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, including without limitation, lost profits or any such damages arising from (a) the design, manufacture, sale, delivery, installation, repair, operation or use of products of Brewer Design or any part thereof, (b) any actual or alleged failure or defect in products of Brewer Design or any part thereof, or (c) any actual or alleged breach or non-performance by Brewer Design of this limited warranty.

Freight Claims: Upon receipt, merchandise should be carefully examined to ascertain that proper amount has been received in good condition. Any claim for shortage or damage must be made with delivering carrier within five (5) days from receipt of goods. We do not assume any responsibility for loss or damage in transit, and compensation for such loss must be obtained from the carrier.