

# Brewer

## Premium Ergonomic Seating

### 9000, 9100, 9200, and 9500 Series User Manual



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**IMPORTANT INFORMATION**

**General**

The Brewer 9X00 Series stools offer Brewer’s clinically researched ergonomic seating. The variety of seat and back options offer superior lumbar support, allow for proper weight distribution, encourage neutral posture, and promote muscular health.

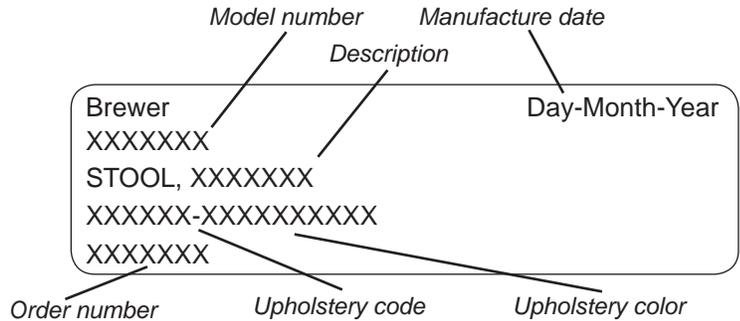
**Intended Users**

The stools are intended to provide seated support for members of the dental team during treatment of dental patients by licensed health care professionals. The stools are for professional use only.

**Service**

If you require assistance with the assembly or operation of your Brewer stool, call Brewer Customer Service at **888-Brewer-1**. 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 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 assemble 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.

**SPECIFICATIONS**

All Brewer 9X00 Series stools have a 25” base diameter and a 250 lb. weight capacity.

Part Numbers				Model	Seamless Upholstery	Foot Ring	Body Support	Height Range (assembled)
9000BST	9100B	9200BST	9500B	Operator	No	No	No	18.5”–24.5”
9000BFRST	9100BFR	9200BFRST	9500BFR	Operator	No	Yes	No	22”–31”
9000B	9100BV	9200B	9500BV	Operator	Yes	No	No	18.5”–24.5”
9000BFR	9100BVFR	9200BFR	9500BVFR	Operator	Yes	Yes	No	22”–31”
9000BST-L	9100B-L	9200BST-L	9500B-L	Operator	No	No	No	15.5”–20”
9000B-L	9100BV-L	9200BL	9500BV-L	Operator	Yes	No	No	15.5”–20”
9000BST-H	9100B-H	9200BST-H	9500B-H	Operator	No	No	No	20.5”–26.5”
9000B-H	9100BV-H	9200B-H	9500BV-H	Operator	Yes	No	No	20.5”–26.5”
9020BLST	9120BL	9220BLST	9520BL	Assistant	No	Yes	Left	24”–32”
9020BL	9120BLV	9220BL	9520BLV	Assistant	Yes	Yes	Left	24”–32”
9020BRST	9120BR	9220BLST	9520BR	Assistant	No	Yes	Right	24”–32”
9020BR	9120BRV	9220BR	9520BRV	Assistant	Yes	Yes	Right	24”–32”

## STOOL COMPONENTS

The Brewer 9X00 Series Stools utilize clinically researched ergonomic designs to ensure proper working posture, comfort, and adjustability.

Note: Make sure that the following components are included and that the stool operates properly before discarding packaging materials. The images in this user manual may show a footring and a body support, but not all models are equipped with these features. Also, the backrest may have a different shape.



### NOTICE

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 height adjustment lever for lifting.

## CLEANING

Please see the **Brewer Cleaning Guidelines** in the "Resources" area of [www.brewercompany.com](http://www.brewercompany.com).

**ASSEMBLY INSTRUCTIONS**

1. Remove the body support (if equipped), the backrest, and the stool from the box, and set aside (Fig. 1 and 2).



Fig. 1



Fig. 2

2. On the backrest, remove the screws and lock washers from the holes at the bottom of the backrest (Fig. 3). Slide the shroud toward the center of the seat. Place the backrest bottom into the seat slot located at the rear of the seat. Match up the holes in the slot with the holes in the backrest bottom. Insert the two bottom screws through the lock washers into the holes, but do not tighten. Next, install the top screw, and tighten with a Phillips screwdriver (Fig. 4). Finally, tighten the bottom two screws.



Fig. 3



Fig. 4

3. If your stool has a body support, swing it to the correct side of the stool for your application (i.e. left or right side of stool), and insert the body support into the swing arm (Fig. 5). The knob can be positioned in three different directions, forward, backward, or outward.

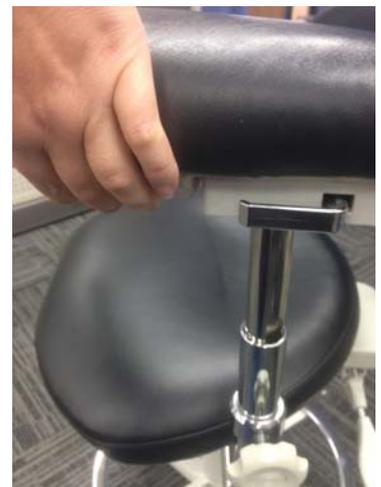


Fig. 5

4. If you also purchased armrests, these can be inserted into the arm tabs on either side of the control plate. Tighten the knobs under the arm tabs to secure the armrests.

**STOOL ADJUSTMENTS**

**Seat Height**

To adjust the seat height downward, sit on the chair and lift the lever under the seat side edge (Fig. 6). To raise the seat height, remove your weight from the seat and lift the lever under the seat side edge. Release the lever at the desired seat height.

For maximum comfort, your chair seat should be adjusted so that your hands rest comfortably on your work surface. Your feet should be flat on the floor with the inside angle of the knee joint being slightly more than 90 degrees, and you should feel no pressure underneath your thighs.



Fig. 6

**Back Height**

Grasp the lower edge of the backrest and lift it as far as it will go to disengage the height locking mechanism (Fig.7). Next, lower the backrest as far as it will go to reset the height locking mechanism. Finally, lift the backrest to the height desired.

For maximum comfort, the backrest should be positioned firmly against the lumbar region of your back. The backrest has eight heights to which it can be set.



Fig. 7

**Body Support Height (if equipped)**

The body support has a lock collar and knob which may be placed in any one of three positions (Fig. 8, 9, and 10). To adjust the lock collar and knob into a new position:

1. Loosen the body support knob until the lock collar moves freely on the swing arm. Do not completely remove the knob from the lock collar.
2. Reposition the lock collar and knob to the new position, and tighten the knob just enough to hold the lock collar in place.
3. Install the body support post into the swingarm with the channel of the post aligned with the threaded end of the knob.
4. Tighten the knob to secure the body support.



Fig. 8

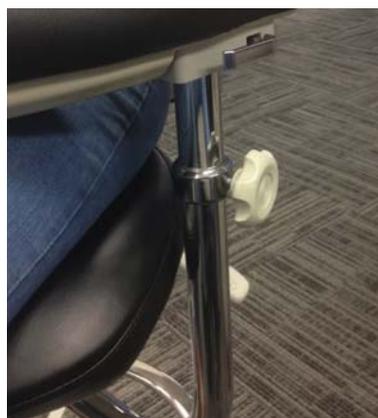


Fig. 9

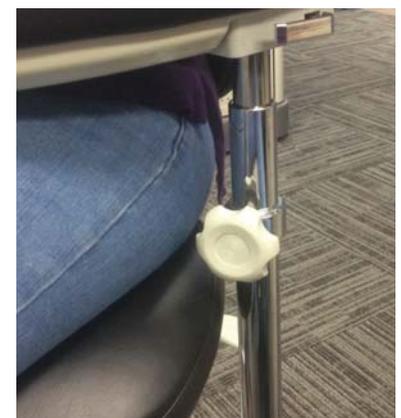


Fig. 10

## STOOL ADJUSTMENTS

### Back Tilt (9500 Series only)

Lift and hold the back left lever to release the backrest from its locked position (Fig. 11). Adjust the backrest angle by bending your back in the desired direction. Push the paddle down to lock. If you prefer, the backrest can remain unlocked by leaving the paddle up.



Fig. 11

### Locking Seat-Back Tilt & Angle (9000, 9100, and 9200 Series only)

Lift and hold the back right lever to release both the seat and backrest from their locked position (Fig. 12). Shift your body weight to adjust the seat angle, and then adjust the backrest angle by bending your back in the desired direction. Push the paddle down to lock. If you prefer, the seat and backrest can remain unlocked by leaving the paddle up.



Fig. 12

### Locking Seat-Back Tilt & Angle (9500 Series only)

Lift and hold the back right lever to release the seat and backrest from their locked position (Fig. 12). The seat and back will tilt forward and backward together. Push the paddle down to lock in the desired tilt position. If you prefer, the seat can remain unlocked by leaving the paddle up.

Alternately, by lifting and holding the back left tilt lever while the back right lever is unlocked, you can adjust the angle between the seat and the back.

### Footring Height (if equipped)

Loosen the knob on the footring, raise or lower the footring to the desired height, and tighten the knob (Fig. 13).



Fig. 13

## OPERATION

### Body Support (if equipped)

The body support ratchets inward by grasping the free end and pulling it toward the body when seated. The body support automatically locks in the chosen body position.

To release the rotational lock on the body support, remove all body weight from the body support, and pull inward on lever (Fig. 14). While holding the lever, rotate the body support outward to exit the chair.



Fig. 14

**MAINTENANCE**

**Seat Screws**

Periodically check seat screws (Fig. 15) for tightness. Tighten with Phillips screwdriver if loose.

**Casters**

Inspect casters for cracked, chipped, loose or missing wheels. Casters should roll freely. **Note: Optional non-pressure locking casters must have weight applied to roll.** Replace if damaged.



Fig. 15

**Caster Base**

Inspect caster base for cracks or other damage. Replace if damaged.

**Cylinder**

Cylinder defects are indicated by; the seat rising on its own, drifting downward, or failure to raise or lower with height adjustment lever. See “**TROUBLESHOOTING**” section for diagnosis.

**Seat**

Inspect seat unit for cracks or damaged height adjustment lever. Replace if damaged. See “**TROUBLESHOOTING**” section for diagnosis. What may appear to be damage may be a needed adjustment.

**ACCESSORIES & SERVICE PARTS**

**Upholstered Seats**

90X0/92X0 Upholstered Seat Pad.....	3102363
90X0/92X0 Upholstered Seat Pad (seamless).....	3102362
91X0 Upholstered Seat Pad.....	3102365
91X0 Upholstered Seat Pad (seamless).....	3102364
95X0 Upholstered Seat Pad.....	3102809
95X0 Upholstered Seat Pad (seamless).....	3102810

**Upholstered Backs**

91X0/92X0 Upholstered Back Pad w/Shroud.....	99973
91X0/92X0 Upholstered Back Pad w/Shroud (seamless).....	99975
95X0 Upholstered Back Pad w/Shroud.....	3102811
95X0 Upholstered Back Pad w/Shroud (seamless).....	3102812
90X0 Upholstered Back Pad w/Shroud & Upright.....	51001
90X0 Upholstered Back Pad w/Shroud & Upright (seamless).....	50970
91X0/92X0 Upholstered Back Pad w/Shroud & Upright.....	99974
91X0/92X0 Upholstered Back Pad w/Shr & Upright (seamless).....	99976
95X0 Upholstered Back Pad w/Shroud & Upright.....	3102813
95X0 Upholstered Back Pad w/Shroud & Upright (seamless).....	3102814

**Upholstered Body Supports**

Upholstered Body Support.....	3102369
Upholstered Body Support (seamless).....	3102366
Upholstered Body Support w/Left Ratchet.....	3102370
Upholstered Body Support w/Left Ratchet (seamless).....	3102367
Upholstered Body Support w/Right Ratchet.....	3102371
Upholstered Body Support w/Right Ratchet (seamless).....	3102368

## ACCESSORIES & SERVICE PARTS

### Control Plates

90X0/91X0/92X0 Control Plate (Operator)..... 99932  
 90X0/91X0/92X0 Control Plate (Assistant)..... 09423  
 95X0 Control Plate (Operator)..... 3102815  
 95X0 Control Plate (Assistant) ..... 3102816

### Cylinders

Cylinder (Operator) - height 15.5" - 20" ..... 08996  
 Cylinder (Operator) - height 18.5" - 24.5" ..... 2102537  
 Cylinder (Operator) - height 20.5" - 26.5" ..... 3102518

Cylinder (Operator) - height 22" - 31" ..... 08995  
 Cylinder (Assistant) - height 24" - 32" ..... 99064

### Miscellaneous Parts

Ratchet, Left ..... 99814  
 Ratchet, Right..... 99815  
 Base (without casters) ..... 09422  
 Standard Casters (set of 5) ..... 3102278  
 Footring ..... 3102029  
 Armrests ..... 101282

## TROUBLESHOOTING

Observation	Possible cause	Test	Corrective Action
Seat drifts down while seated, or drifts up on it's own with no one seated.	Defective cylinder or seat/control plate.	Sit on stool. Wiggle height adjustment lever. Is lever loose? Note: some lever looseness is desirable.	Yes - replace cylinder. No - replace seat assembly.
Seat will not raise.	Weight not being removed from seat during raising.	Place feet on floor and remove some body weight as height adjustment lever is pulled up. Does seat raise?	Yes - normal operation. No - go to next "Possible Cause".
	Defective cylinder or seat.	Sit on stool. Pull up slowly on height adjustment lever. Lever action should change from loose to firm, but continue to move against activation button on cylinder as it is pulled. Is this the action the lever makes?	Yes -replace cylinder. No - replace seat assembly.
Seat will not lower	Defective cylinder or seat.	While sitting on stool, pull up slowly on height adjustment lever. Lever action should change from loose to firm, but continue to move against activation button on cylinder as it is pulled. Is this the action the lever makes?	Yes -replace cylinder. No - replace seat assembly.
Seat is too loose.	Seat is damaged.	Grasp seat and wiggle it side-to-side to check for broken seat components.	Replace seat if components are broken.
	Seat screws loose.	Check the (3) seat screws with a Phillips screwdriver.	Tighten seat screws if loose. (fig. 23)
Upholstery is damaged	-----	-----	Replace seat/substrate.
Casters not rolling.	Optional non-pressure locking casters operate only when weight is applied to stool.	Sit on stool and move stool around to test. Does stool roll normally?	Yes - no movement with weight off of stool is normal operation. No - replace defective casters.
Casters leaving marks on floor.	Build up of floor wax, dirt, soap residue and other debris on treads of casters.	Inspect casters for build up.	Use stiff bristled brush with mild soap to remove build up.
Casters don't roll smoothly.	Dirt, soap or wax build-up on casters.		
	Damaged casters.	Inspect casters for damage.	Replace casters.