



	Seat Width	Seat Depth	Back Width	Back Height	Seat Height	Overall Height	Overall Width	Usage	Weight Limit
SNAP	18	18	17	15	16 ¹ / ₂ - 21 ¹ / ₂	33-41	24	Single 8 Hour Shift	200 lbs
SNAP4	19	19	19	17 ¹ / ₂	16 ¹ / ₂ - 21 ¹ / ₂	35-43	24	Single 8 Hour Shift	200 lbs
SNAP47	19	19	19	17 ¹ / ₂	23-33	42-55	25	Single 8 Hour Shift	200 lbs
SNAP48S	19	19	19	17 ¹ / ₂	18	37-39	20	Single 8 Hour Shift	200 lbs

Seat (SNAP)

The size of the seat is 18" wide by 18" deep. The seat is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered seat board is upholstered with fabric. The entire seat assembly is mounted to the mechanism by 6 screws. A textured black plastic shroud attaches to the bottom of the seat. Model SNAP42 has an integral seat depth adjustment knob is attached to the underside of the mechanism, which allows the seat depth to be adjusted from 18" to 20". On model SNAP44, the seat depth cannot be adjusted.

Seat (SNAP4, SNAP47, SNAP48S)

The size of the seat is 19" wide by 19" deep. The seat is constructed of a 1/2" thick, formed plywood seat board with 2" molded foam. The foam covered seat board is upholstered with fabric. The entire seat assembly is mounted to the mechanism by 6 screws. A textured black plastic shroud attaches to the bottom of the seat. Models SNAP4 and SNAP48S, have an integral seat depth adjustment knob is attached to the

underside of the mechanism, which allows the seat depth to be adjusted from 19" to 21". On model SNAP48, the seat depth cannot be adjusted.

Backrest (SNAP42 and SNAP44)

The size of the backrest is 17" wide by 15" high. The backrest has the same basic construction as the seat. In addition, the backrest is mounted onto a pivot joint at one end of the upright that provides the pivot function of the backrest. The height of the backrest can be adjusted in a 3" range by a height adjustment knob.

Backrest (SNAP46, SNAP47, SNAP48 and SNAP48S)

The size of the backrest is 19" wide by 17- 1/2" high. The backrest has the same basic construction as the seat. The back also includes an adjustment knob that allows the backrest to be raised or lowered 3" vertically along the J-bar; SNAP48 has a 3-1/2" range. In addition, the backrest is mounted onto a pivot joint providing pivot function of the backrest.

T-Nut

All the T-nuts used in the plywood are rivet type to prevent their popping-off from the plywood.

Mechanism (SNAP42, SNAP46, and SNAP47)

A stamped and welded steel housing forms a sturdy cradle for the seat. A lever actuates the pneumatic cylinder, which adjusts the seat height from 16-1/2" to 21-1/2" with infinite selection within the range; SNAP47's range is 23" to 33".

Mechanism (SNAP44)

A stamped and welded steel housing forms a sturdy cradle for the seat. A lever actuates the pneumatic cylinder, which adjusts the seat height from 16-1/2" to 21-1/2" with infinite selection within the range. Another lever controls the tilting angles of both the seat and the back. Two sets of brake plates independently hold the seat and back at desired angles when the lever is released. The seat has 10° of angle adjustment. The back has 20° of angle adjustment.

Seat Height Adjustment Lever

Simply pull the seat lever up, toward seat, to activate seat height mechanism. To lower the seat, pull up on lever while sitting. To raise height, you should sit up, slightly out of the chair, while lifting lever. Release lever to lock in place.

Seat Depth Adjustment

The handwheel located on the underside of the back support allows the back to be adjusted horizontally. With handwheel loosened, back can be slid forward or backward to change seat depth. Use care to make sure handwheel is tightened to avoid injury.

Back and Seat Angle Adjustment

Grasp lever under right side of seat and pull up to adjust back and seat angle. Shift weight on seat and pressure on back to desired position. Release lever to lock.

Back Height Adjustment

Loosen handwheel located on lower portion of back support. Slide back support up or down to individual preference. Tighten handwheel to hold in place. Use care to make sure handwheel is tightened to avoid injury.

Arm Adjustment

Arms can be adjusted vertically. Press the buttons at the sides of the arms and move the arms up or down as desired. For horizontal adjustment, loosen handwheels under either side of seat and slide arms in or out.

Simple Function



Advanced Function



Mechanism (SNAP48)

A stamped and welded steel housing forms a sturdy cradle for the seat. There are three control levers. One lever actuates the pneumatic cylinder, which adjusts the seat height from 16-1/2" to 21-1/2" with infinite selection within the range. One lever adjusts the tilting angle of the seat, or sets the seat in free-floating mode. One lever adjusts the tilting angle of the back, or sets the back in free-floating mode. The seat has 10° of angle adjustment. The back has 20° of angle adjustment.

Hardware

All the hardware is metric threaded. Screws and bolts are treated with self-locking material to prevent their backing-out.

Base (SNAP42, SNAP44, SNAP46 and SNAP48)

The 24" diameter, five-blade black base is molded from reinforced nylon. A telescoping cylinder shroud conceals pneumatic cylinder.

Base (SNAP47)

The 25" diameter, five-blade black base is made of steel tubing with decorative plastic cover on top. A telescoping cylinder shroud conceals the pneumatic cylinder.

Base (SNAP48S)

The sled base is formed from 1-1/8" diameter, 2.2mm thickness steel tubing with black powder coat finish. Long stem front glides are standard.

Footring

The 20" black, reinforced nylon footring can be set at proper height by tightening a knob. Chrome finish, steel tube footring optional.

Carpet Casters

The double 50mm diameter black wheels are molded of high-impact thermoplastic and are housed in a high-impact plastic frame. Carpet and hard floor casters are available.

Loop Arm

1-1/4" each side width adjustable arms.

T-Arm

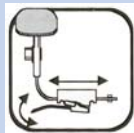
1-1/4" each side width and 2-1/2" height adjustable T-arms.



Overall Outside Width	24
Overall Outside Depth	26-28
Overall Outside Height	42-50
Outside Arm Height	25 $\frac{1}{2}$ - 33
Inside Seat Width	20
Inside Seat Depth	18-20
Seat Height	18-23
Inside Back Width	20 $\frac{1}{4}$
Inside Arm Height	7 $\frac{1}{2}$ -10
Five Star Base	27
Usage	Single 8 Hour Shift
Weight Limit	250 lbs.

Adjustable Arms

Adjustable arms allow the user to independently adjust arm height 2" and width 2" for maximum support and comfort.



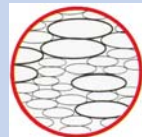
Lumbar Support

This chair features an internal lumbar back support that self adjusts to the user's back to provide incredible lateral support while offering excellent pelvic stability.



Enersorb Foam

Enersorb Foam is a unique foam composition that absorbs and conforms to the weight and shape of the user, dramatically reducing the potential for sitting fatigue.



Mechanism

Synchro-tilt mechanism, 2:1 ratio. Infinite position tilt lock, 2" seat depth adjustment, ratchet back height adjustment, 5-1/2" pneumatic height adjustment, tension control, passive seat tilt and a 6 degree forward tilt.

Ratchet back Height Adjustment

Simply lift back to desired position and back locks automatically.

Forward Tilt

Lean back in chair and roll or pull lever back for forward tilt, push or roll lever forward for straight position.

Pneumatic Height Adjustment

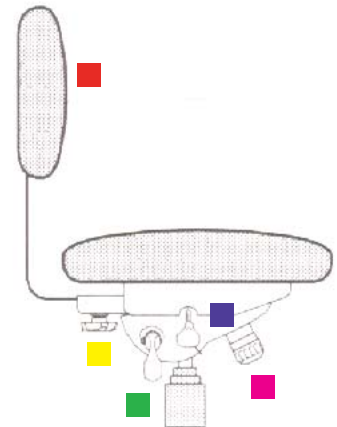
To lower, lift paddle while seated. To raise, lift paddle with your weight off seat.

Infinite Position Tilt Lock

To lock chair in position, push paddle down, to allow free movement, pull paddle up.

Seat Depth Adjustment

Loosen hand wheel (do not remove) and slide back to desired position, then re-tighten hand wheel.



Seat Height/Seat Range	18-21
Seat Width	21 ⁵ / ₈
Seat Depth	19 ¹ / ₂
Back Width	22 ⁵ / ₈
Inside Arm Distance	23 ¹ / ₂
Arm Adjustment Range	6-8 ³ / ₄
Back Height	24
Overall Width	22 ³ / ₄ or 27 ¹² / ₂₅
Overall Depth	25
Overall Height	44 max.
Usage	Single 8 Hour Shift
Weight Limit	250 lbs.

**Arms**

Height adjustable with a soft, contoured lack arm pad of polypropylene. Adjustment range is 2-3/4".

Seat

Polyurethane foam (3") over a 9/16" plywood upholstery board. Fabric is always black.

Control Mechanism

Knee tilt mechanism (approximate 2:1 back to seat ratio) with a five position back lock. Tilt tension knob to adjust back flex. Pneumatic seat height adjustment with a 3" range. Seat reclines 16 degrees; back, 26 degrees.

Back

Mesh back (black) is surrounded by a reinforced polypropylene "frame". Adjustable lumbar support with a 4" range. Lumbar support has a depth of 1-1/2".

Casters

Black, dual wheel nylon carpet casters are standard.

Base

Powder coated, cast aluminum base (black) with built-

Mesh Back

The mesh back design provides comfort, breathability and durability all surrounded by a reinforced backs structure.

Lumbar Support

Built in to the sturdy back construction, the back lumbar support offers additional comfort with a 4" vertical adjustment range.

Knee Tilt

Breathe offers a synchronized knee-tilt mechanism with 2:1 back-to-seat ratio

Seat Height Adjustment

The heavy-duty gas lift cylinder allows for a smooth seat height adjustment

Base

Die cast aluminum base offers built-in anti-slip/cuff protector. Durable dual wheel carpet casters allow Breathe to move with ease.

Tension Knob

Tilt tension knob easily adjusts back tension.

Tilt Lock

Positional lock lever will lock chair in 5 different positions throughout the tilt range.

Seat

Soft, contoured seat provides maximum comfort. With either mesh fabric, or your choice of fabric on the seat (and headrest option)

Adjustable Arms

Polypropylene adjustable arm provide six separate adjustments throughout a 2.75" range. Soft, contoured arm pads offer comfort for the user.





	CXO w/Headrest	CXO Midback	CXO2	CXO-HD w/Headrest	CXO-HD
Overall Width	27-29 ¹ / ₂	27-29 ¹ / ₂	27	27-29 ¹ / ₂	27-29 ¹ / ₂
Overall Depth	27-29 ¹ / ₂	27-29 ¹ / ₂	27	27-29 ¹ / ₂	27-29 ¹ / ₂
Overall Height	47 ¹ / ₂ -55	36 ¹ / ₂ -41	38	47 ¹ / ₂ -55	36 ¹ / ₂ -41
Back Height	29 ¹ / ₂	22	22	29 ¹ / ₂	22
Seat Height	16-21	16-21	17 ¹ / ₂	16-21	16-21
Back Width	22	22	22	22	22
Seat Depth	19-21 ¹ / ₂	19-21 ¹ / ₂	20	19-21 ¹ / ₂	19-21 ¹ / ₂
Seat Width	20	20	20	20	20
Weight	70	67	55	70	67
Volume	19	17	17	19	17
Usage	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift	24/7	24/7
Weight Limit	300 lbs	300 lbs	300 lbs	450 lbs	450 lbs

LUMBAR SUPPORT

The contoured CXO lumbar pad can be easily adjusted up and down and in and out for personalized lumbar support and comfort.

MOVEABLE COMPONENTS

CXO's Enersorb™ foam (found in the seating surface, lumbar support and optional headrest) conforms to your body when you sit and reverts to its natural form when you get up.

ENERSORB™ FOAM

CXO's Enersorb™ foam (found in the seating surface, lumbar support and optional headrest) conforms to your body when you sit and reverts to its natural form when you get up.

FOUR-WAY STRETCH FABRIC

CXO's dual-layer fabric is perforated for exceptional air-flow. It also has a four-way stretch, which moves perfectly with the Enersorb™ foam for added comfort and durability.

MESH BACKING

Like CXO's fabric, the mesh backing allows air to pass freely, making it comfortable in all climates. It also boasts dynamic movement – in other words, it moves with you.

Mesh Back

The mesh back design provides comfort, breathability and durability.

Lumbar Support

Moves up/down and in/out

Synchronous Knee Tilt

CXO offers a synchronized knee-tilt mechanism.

Seat Height Adjustment

The heavy-duty gas lift cylinder allows for a smooth seat height adjustment

Tension Knob

Tilt tension knob easily adjusts back tension.

Headrest

Adjusts up/down and has a coat hook.

Seat Slider

Has an integrated seat slider for depth adjustments.

Armrests

Move up/down, in/out, complete with lockable swivel pads.





	Euro Exec	Euro Midback/Lowback
Seat Height	16-20 ¹ / ₂	16-20 ¹ / ₂
Seat	18 ¹ / ₂ d x 20 ¹ / ₂ w	17 ³ / ₄ d x 19w
Back	25 ¹ / ₂ h x 20w	17h x 16 ¹ / ₂ w or 21 x 17 ¹ / ₂ (upholstered)
Base	25 dia	25 dia
Usage	Single 8 Hour Shift	Single 8 Hour Shift
Weight Limit	250 lbs.	250 lbs.

HighBack

Multitasking with distinctive style, elegance and total ergonomic function featuring exclusive synchro knee-tilt mechanism!

Features:

- ◆ Molded outer back
- ◆ Standard seat depth adjustment
- ◆ Back height adjustment
- ◆ Arm height and width adjustment with the touch of a button
- ◆ Lumbar support
- ◆ 25" base
- ◆ Waterfall seat
- ◆ Exclusive synchro-knee tilt control
- ◆ Synchronous seat & back movement
- ◆ Features of a knee tilt with lockout
- ◆ Adjustable tension and 3-position at rest angle adjustment

Midback/Lowback

Full ergonomic function with only two levers.

Features:

- ◆ Seat and back tilt independently, following and supporting every move, including forward tilt
- ◆ Seat and back can be locked in any position with just a single lever
- ◆ Standard seat depth adjustment
- ◆ Back height adjustment
- ◆ Arm height and width adjustment with the touch of a button

■ Synchro-Knee Tilt

Features a knee tilt with lockout, synchronous seat and back movement

■ Seat Depth Adjustment

Adjusts seat depth to fit individual user

■ Back Height Adjustment

Adjust the back height by pulling a lever in either a seated or standing position, simply raise or lower the back to the desired height.

■ Seat Height Adjustment

The heavy-duty gas lift cylinder allows for a smooth seat height adjustment

■ Lumbar Support

Built-in lumbar support

■ Tension Knob

Tilt tension knob easily adjusts back tension.

■ Adjustable Arms

Arm height and width adjust with the touch of a button





	Task Chair	Sled Base	Stool
Seat Width	20 ¹ / ₂	20 ¹ / ₂	20 ¹ / ₂
Seat Depth	18	18	18
Seat Height	17 ¹ / ₄ - 22 ¹ / ₄	18	24-34
Back Width	20	20	20
Back Height (above seat)	19 ¹ / ₂ - 22 ¹ / ₂	21	21
Overall Height	37-45	38 ¹ / ₂	43 ¹ / ₂ - 56 ¹ / ₂
Overall Width	25	24	25
Usage	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift
Weight Limit	250 lbs.	250 lbs.	250 lbs.

Mechanism

A stamped steel dual housing forms a sturdy cradle for the seat. There are two control levers. One lever actuates the pneumatic cylinder, which adjusts the seat height from 17- 1/4" to 22-1/4" with infinite selection within the range. One lever locks the chair at 3-positions or actuates the free-floating mode. The synchronized 2:1 free floating mode has adjustments of 8° on seat and 16° on back.

Backrest

The injection molded plastic board has embedded inserts for mounting. The board is covered with contoured molded high-resilient foam and upholstered with fabric. A textured black shroud covers the rear side. An easy to operate mechanism is installed on the back board for adjusting the back height (3").

Seat

Constructed of a 1/2" thick, saddle shape plywood with 2-1/2" molded high-resilient foam and upholstered with fabric. The entire seat assembly is mounted to the mechanism by four screws.

Pedestal Base

The 25" diameter, five-blade base is made of reinforced nylon. Black only.

Carpet Casters

The double 55mm diameter black wheels are molded of high-impact thermoplastic and are housed in a high impact frame. Hard floor casters are available.

Adjustable Loop Arm Option

Height adjustment of 2-1/2" and width adjustment of 1" per side.

Adjustable T-Arm Option

Height adjustment of 3" and width adjustment of 1-1/2" per side.

Adjustable 360° Pivot Arm

Molded urethane arm cap pivots 360 degrees and locks in place. arm cap is black. 3" of height adjustment and 3" of total width adjustment.

Sled Base

The sled base is formed from 1-1/8" diameter, 13-gauge thickness steel tubing. Black only.

Adjustable Back Height

Adjustable Back height offers tailored back support. Simply raise or lower the back to the desired height

Tension Knob

Tilt tension knob easily adjusts back tension.

Seat Slider

Ithaca can be ordered with an optional seat slider mechanism allowing seat depth adjustment to create the perfect fit for any user.

Seat Height Adjustment

The heavy-duty gas lift cylinder allows for a smooth seat height adjustment

Synchronized Mechanism

Ithaca's synchronized mechanism can be adjusted or locked by moving your back to the desired position, then pushing back on the back lock lever. release lever to stay in free float position.

Adjustable Arms

T-arms and loop arms are width and/or height Adjustable to fit any user's needs.

Cushy Seat

Ithaca's extremely cushy seat contours to fit your body.





	Task Chair	Sled Base
Seat Width	20 ¹ / ₂	20 ¹ / ₂
Seat Depth	18-20 ¹ / ₂	19
Seat Height	17 - 22	18
Overall Height	35-43	42
Overall Width	26	24
Usage	Single 8 Hour Shift	Single 8 Hour Shift
Weight Limit	250 lbs.	250 lbs.

Mechanism

Synchronous tilt mechanism, (2:1 ratio) for “high-end” comfort. Choose free-float or 3-position back lock-out. Pneumatic cylinder provides 5” of seat height adjustment.

Backrest

Soft, mesh back conforms to your back. Mesh is made of polyethylene elastomeric and polyester. Nylon with fiberglass reinforced back structure.

Seat

Soft, contoured seat foam comes standard. Memory foam is optional. Pliable, stretchy materials offer maximum comfort; or select other fabrics, including vinyl or leather. Seat depth slide is standard, for varying leg lengths. It’s spring loaded offering several lock-out positions.

Pedestal Base

The 25” diameter, five-blade base is made of reinforced nylon. Black only.

Carpet Casters

The double 55mm diameter black wheels are molded of high-impact thermoplastic and are housed in a high impact frame. Hard floor casters are available.

Adjustable Loop Arm Option

Height adjustment of 2-1/2” and width adjustment of 1” per side.

Adjustable T-Arm Option

Height adjustment of 3” and width adjustment of 1-1/2” per side.

Adjustable 360° Pivot Arm

Molded urethane arm cap pivots 360 degrees and locks in place. arm cap is black. 3” of height adjustment and 3” of total width adjustment.

Sled Base

The sled base is formed from 1-1/8” diameter, 13-gauge thickness steel tubing. Black only.

Adjustable Back Height

High- and mid-back versions available (mid-back has height adjustment of 3"; high-back has no height adjustment)

Tension Knob

Tilt tension knob easily adjusts back tension.

Seat Slider

Seat depth slide is standard, for varying leg lengths. It's spring loaded offering several lock-out positions.

Seat Height Adjustment

Pneumatic cylinder provides 5" of seat height adjustment.

Synchronized Mechanism

Synchronous tilt mechanism (2:1 ratio) for "high-end" comfort. Choose free-float or 3-position back lock-out.

Adjustable Arms

4 arm choices, including 360° pivoting arm cap. Arm caps made of molded urethane.

Cushy Seat

Soft, contoured seat foam comes standard. Memory foam is optional. Pliable, stretchy materials offer maximum comfort; or select other fabrics, including vinyl or leather.





Overall Width	25
Overall Depth	24
Overall Height	35 ¹ / ₂ - 41
Seat Height	16 - 21
Weight (lbs)	50
Vol. (cu. ft)	14
Usage	Single 8 Hour Shift
Weight Limit	250 lbs.

Features

- ◆ Translucent Ablex patterned weave mesh back provides generous lumbar support while allowing dynamic back movement
- ◆ Synchronous knee-tilt mechanism with infinite position tilt-lock pneumatic height adjustment and tension control
- ◆ Back depth adjustment allowing for greater seating depth for those requiring more leg support
- ◆ Easy to use, height adjustable arms with intuitive finger tip trigger for individual comfort and support
- ◆ The arms can be manually adjusted for horizontal width
- ◆ Energy absorbing dual density Enersorb seat foam reduces sitting fatigue
- ◆ Waterfall seat design



	Pride	Pride 247
Overall Width	26 or 28	26 or 28
Overall Depth	22 ¹ / ₂ - 25 ¹ / ₂	22 ¹ / ₂ - 25 ¹ / ₂
Overall Height	36 ³ / ₈ - 41 ¹ / ₈	36 ³ / ₈ - 41 ¹ / ₈
Back Height	16 ³ / ₈ - 20 ³ / ₈	16 ³ / ₈ - 20 ³ / ₈
Seat Height	18-21	18-21
Back Width	18	18
Seat Depth	16-19	16-19
Seat Width	18 ³ / ₄	18 ³ / ₄
Usage	Single 8 Hour Shift	24/7
Weight Limit	250 lbs.	

Engage® Seat

Seat is constructed of a molded polypropylene seat board with foam molded directly onto it. The foam-covered board is upholstered with fabric. An integral "seat slide button" is attached to the underside of the board, which allows the seat depth to be adjusted from 16" to 19" for the chairs and 16" to 17-3/4" for the stool. A textured polypropylene seat shroud attaches to the bottom of the seat and permits access to the seat slide button. The entire assembly is mounted through slots in the mechanism that allow the seat to slide in and out.

Engage® Backrest

The backrest has the same basic construction as the seat except the textured polypropylene shroud is also available in an upholstered version. The back also includes an adjustment lever that allows the back to be raised or lowered 4" vertically along the J-bar.

Engage® Synchronized Knee Tilt Mechanism

A stamped and welded steel housing contains a set of torsion bars that supply the force to the mechanism. Controls include a back angle lock, tilt tension control and pneumatic seat height lever for both the chairs and the stool, but also a forward tilt lockout for the chairs. The seat is in a 2° reclined position. When the forward tilt lock is disengaged, the seat tilts to a 2° forward position. The back angle can be locked at three positions. The tension can be increased or decreased by turning the tension dial to set the desired amount of preset on the torsion springs. The seat height can be pneumatically adjusted from 16" - 20-3/4" on the chairs and 27-1/2" to 32-1/4" on the stools with infinite selection within the range. The plastic mechanism shroud and control handles match the color of the chair.

Engage® Fixed Armrests

A curved and angled-forward arm support that is molded from reinforced nylon supports a self-skinning urethane armrest. The armrests are spaced 19" apart.

ll parts are color matched to the other plastic parts of the chair. The nylon supports are bolted to the bottom of the mechanism with four 5/16" self-tapping bolts and are field-installable.

Engage® Adjustable Armrests with Pivoting Armcaps

A curved and angled-forward arm support that is molded from reinforced nylon supports a height adjustable nylon sleeve that allows for 4" of vertical adjustment from 6" to 10" above the seat. The armrest height is adjusted by pressing a button mounted in the sleeve. The sleeve supports a self-skinning urethane armrest that pivots 360° from a point near the back of the armrest. The armrest has 4 detents that allow the armrest to snap into position, one straightforward, one each at 20° inward and 20° outward, and one at 180° reversed back position. The armrests are spaced 18-1/2" apart on the chairs and 19" apart on the stools. All parts are color matched to the other plastic parts of the chair. The nylon supports are bolted to the bottom of the mechanism with four 5/16" self-tapping bolts and are field-installable.

Back Height Adjustment

Adjust the back height by pulling the lever at the lower right of the back, in either a seated or standing position, simply raise or lower the back to the desired height.

Seat Height Adjustment

Seat height is adjusted with a pneumatic cylinder. To lower height while seated, lift the lever at the right front of the seat. To raise the height, remove your weight from the seat while lifting the lever.

Arm Height Adjustment

Depress button and raise or lower to desired height.

Seat Depth Adjustment

To adjust the Pride chair for your torso length, you can adjust the seat depth. First, depress the button located on the left rear of the seat. With the button depressed, slide the seat forward or back such that seat depth is comfortable for you. The most comfortable seat depth for most people is one in which they are able to sit well into the seat, with their back resting against the chair back, and with a slight space between the underside of their knee and the front of the seat.

Seat Tension Adjustment

An adjustment can be made to the chair's seat tilt tension with the dial directly under the front of the seat. To increase the tension of the tilt, turn the dial clockwise. To decrease the tension, turn the dial counter-clockwise.

Back Angle Adjustment

To lock the back in one of three angles, first move your back to the desired position. Then, pull up on the lever at the right rear of the seat. To return the back to its free-floating position, lean back slightly and push the lever down.



Forward Seat Tilt Adjustment

You can choose to allow the seat tilt forward by first leaning back slightly. While leaning back, lower the lever at the left front of the seat. You can then lean forward, and the seat will tilt downward with you. To eliminate the forward tilt of the seat, first lean back slightly. While leaning back, raise the lever at the left front of the seat. The seat will no longer tilt forward. NOTE: to open the forward seat tilt, or lock it out, the back angle lock must be in the down position.

Engage® Adjustable Armrests with Width Adjustable Armcaps

A tubular steel frame supports self-skinning urethane armrests, height-adjustable armrests (2-1/2" travel) and width adjustable armrests (1" of horizontal travel per arm). The support is welded to the seat underside and powder coated to match other hard surface elements.

Engage® Adjustable Armrests with Fixed Armcaps

A curved and angled-forward arm support that is molded from reinforced nylon, supports a height-adjustable reinforced nylon sleeve that allows for 4" of vertical adjustment from 6" to 10" above the seat. The armrest height is adjusted by pressing a button mounted in the sleeve. The sleeve supports a self-skinning urethane armrest. The armrests are spaced 18-1/2" apart on the chairs and 19" apart on the stools. All parts are color-matched to the other plastic parts of the chair. The nylon supports are bolted to the bottom of the mechanism with four 5/16" self-tapping bolts and are filed-installable.

Base

The 24" diameter (on chairs) and the 26" diameter (on stools), five-blade base is molded from reinforced nylon. A telescoping cylinder shroud conceals the pneumatic cylinder. All finishes match the chair color.

Carpet Casters

60mm diameter double wheels are molded of high-impact thermoplastic. High-impact plastic frame. Finish matches chair color.

Soft Casters

60mm diameter double wheels are molded of soft plastic. High-impact plastic frame. Black finish only.

Footring (on Stools)

Chrome footring is standard.



	High Back	Low Back	Operational	Sled Base	Leg Base	Stool
Seat Width	21	21	21	21	21	21
Seat Depth	19	19	19	19	19	19
Back Width	19	19	19	19	19	19
Back Height	24	17 ¹ / ₂	17 ¹ / ₂	17 ¹ / ₂	17 ¹ / ₂	17 ¹ / ₂
Back Height Adj.			2			
Overall Seat Height	17-22	16-21	16-21	19 ¹ / ₂	19 ¹ / ₂	28-32
Height Range	39 ¹ / ₄ -46 ¹ / ₂	35 ¹ / ₂ -40 ¹ / ₂	34 ¹ / ₂ -41 ¹ / ₂	25 ¹ / ₂ -27	35 ¹ / ₂	45 ¹ / ₂ -49 ¹ / ₂
Overall Depth	25	25	25	25	25	25
Usage	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift	Single 8 Hour Shift
Weight Limit	250 lbs.	250 lbs.	250 lbs.	250 lbs.	250 lbs.	250 lbs.

Back Depth

Back depth feature allows the user to adjust back to seat depth creating the utmost comfort the chair has to offer. The back depth mechanism is easy to use. A turn of the tension knob allows the user to slide the seat back into the desired position.

Seat Height

The Sterling 2 seat is able to adjust to accommodate the individual user's seating height needs.

Back

The ratchet back allows for quick and easy height adjustment even when seated. Positions lumbar support where you need it.

Tilt

The operational chair model asynchronous tilt enables the seat to adjust 5 degrees forward and 10 degrees backward; the backrest tilts 6 degrees forward and 18 degrees backward.

Base

Double wheels of high-impact thermoplastic allow the casters to easily move on carpeted areas.

Seat Height Adjustment

To lower seat height, pull the lever toward the seat while seated in the chair. To raise the seat, lift body weight slightly off chair while pulling the lever toward the seat. Release lever to lock in position.

Lever Lock Device (5 Locking Positions or Free Float)

Rotate lever downward to lock the tilt action. Rotate lever upward to release to the free float position. Shift body weight slightly to engage or disengage lock function.

Tilt Tension Adjustment

To adjust chair's tilt tension, locate the hand knob on the front of the mechanism. While seated in the chair turn the hand knob clockwise to increase tension. Turn the hand knob counterclockwise to decrease tension.

Back Height Adjustment

To adjust back height, grasp chair back and lift to desired height. The back will lock at each click stop. To lower back, simply raise above last click stop, disengaging the ratchet mechanism, and lower back to lowest position. Raise back height to desired position.

Back Depth Adjustment

To adjust back depth, locate hand knob under the backside of the chair. Turn hand knob counterclockwise to loosen the assembly. Move chair back horizontally in or out to desired back depth position. Turn hand knob clockwise to tighten the assembly.

Arm Width Adjustment

To adjust arm width, pull up on lever moving arm horizontally in or out to one of three adjustment settings. Release lever to lock in place.

Arm Height Adjustment

To adjust arm height, pull up on button located at the top of the arm assembly. Raise or lower arm to the desired height and release lever to lock in position.



Seat Height Adjustment

To lower the seat - remain seated in chair and raise the lever.

To raise the seat - lift body weight slightly off the chair and raise the lever.

Tilt Tension Adjustment

Turn the knob clockwise to increase tension and counterclockwise to decrease tension.

Back Height Adjustment

To raise the back - grasp the lower edge of the back and raise the back to the desired height.

To lower the back - first raise the back to its uppermost limit and then allow the back to fall to its lowest limit.

Back Angle Adjustment

Hold the lever up to change the back angle; drop the lever to lock the back angle.

Tilt Lock Adjustment

Raise the lever to allow seat and back to rock; drop the lever to prevent movement.

Seat Width	24
Seat Depth	17-19.5
Overall Height	43-52
Overall Width	27
Overall Depth	27
Usage	24/7
Weight Limit	450 lbs.



Seat

Seat is constructed of 5/8" thick, 10-ply plywood with one solid steel reinforcement plate that spans from seat edge to seat edge and 3.75" thick molded foam. The steel reinforcement plate has welded steel t-nuts for arms and mechanism. The contoured molded foam-covered board is upholstered with fabric. The front edge of the seat has a waterfall design. The seat is attached to a seat mechanism with four 5/16" screws into steel welded t-nuts. An integral seat slide is attached to the under side of the seat board which allows the seat depth to be adjusted from 17" to 19.5". A black dust cover fabric shrouds the seat slide. The seat slide assembly is mounted to steel attachment brackets in the mechanism and seat plate that allow the seat to slide in and out.

Seat Mechanism (tilting)

Chair features infinitely locking back tilt, and tilt rocking.

Pneumatic Height Adjustment

Chair features pneumatic seat height adjustment from 18" to 23".

Backrest (vertically adjustable)

Backrest is constructed of 1/2" thick 9-ply plywood and 2 1/2" body-contoured molded foam. The outer back shell is upholstered plywood. The backrest is attached to a five-position ratcheting mechanism that provides 4" of vertical adjustment along a 1/4" thick x 4" wide high-strength steel J-bar. The J-bar is fastened directly to the seat mechanism with three 5/16" bolts.

Base

Extra-wide 27" five-blade base constructed of heavy-duty composite. The center of the base has a patented non-slip ring where the pneumatic cylinder is mounted. A telescoping cylinder shroud conceals the heavy-duty pneumatic cylinder.

Casters

Heavy-duty 55mm diameter double wheels are molded of high-impact plastic with steel stud.

Loop Armrests

Main armrest support is made of 1/4" thick by 2-1/4" wide bent steel constructions. Armrests are attached to a solid steel reinforcement plate that spans from side to side and which is mounted to the seat board for increased arm strength. Armrest pads are self-skinning soft urethane material with steel inner structures. Loop arms are fixed height.

Lumbar Support

Built in lumbar support

Tilt Tension Adjustment

Turn the knob clockwise to increase tension and counterclockwise to decrease tension.

Mechanism

Swivel-tilt mechanism, infinite tilt lock complete with back depth adjustment and pneumatic height adjustment

Adjustable Arms

Lever operated width and height adjustable arms and high durometer polyurethane waterfall arm pads.

Seat

Seat is reinforced by 1/4" thick steel plate that has arms and mechanism attached to it for exceptional strength. The seat has a waterfall design to reduce muscle fatigue. It is also made with high density, high resiliency ENERSORB foam.



	247-HD w/Headrest	247-HD No Headrest
Seat Height	17-21	17-21
Overall Height	48.5-54	40.5-46
Overall Width	26.5-30	26.5-30
Overall Depth	26.5	26.5
Usage	24/7	24/7
Weight Limit	450 lbs	450 lbs

Seat

Seat is reinforced by 1/4" thick steel plate that has arms and mechanism attached to it for exceptional strength. The seat has a waterfall design to reduce muscle fatigue. It is also made with high density, high resiliency ENERSORB foam.

Seat Mechanism

Swivel-tilt mechanism, infinite position tilt lock complete with back depth adjustment, pneumatic heights adjustment and tension control.

Headrest

The headrest is a ratcheted headrest.

Base

5 prong heavy duty aluminum base

Casters

3" dual wheel carpet casters.

Arms

Lever operated width and height adjustable arms and high durometer polyurethane waterfall arm pads.