

Setu Chairs

Published September 2024

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For specific information about features and options available on each model, prices, and ordering information, please refer to the current Herman Miller Zeph™ Chair Price Book.

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Methodology and Dimension Description

The following measurements are displayed in the subsequent measurement charts. The measurements reflect dimensional information necessary for space planning and standards/codes compliance data. The measurements relevant to standards/codes (indicated with a *) were taken with a Chair Measuring Device (CMD) in accordance with the **BIFMA/CMD-1-2013 Universal Measurement Procedure for the Use of BIFMA Chair Measuring Device** guideline.

Seat Height*

Distance between the floor and the compressed seat cushion where the user's thigh meets the seat.

Seat Depth*

Distance from the lumbar prominence to the front edge of the seat.

Seat Width*

Width of the chair seat within the indicated measuring zone.

Backrest Height*

Distance from the seat cushion at centerline to the highest point of the chair back.

Backrest Width*

Width of the backrest at the narrowest point of the lumbar support zone.

Lumbar Support

Height of the most forward point on the back, measured from the compressed seat cushion.

Overall Height (Maximum)

Distance from the floor to the highest point of a chair back (unloaded), with seat height at highest position.

Overall Depth

The distance from the forward castor position/extended seat to the back. Center measured with the chair at an upright position.

Product Weight

Does not include packaging

Back Tilt Range*

Angle of the back from upright to fully reclined positions in relation to the floor.

Seat Pan Angle*

Seat angle in relation to the floor

Backrest-to-Seat Angle Range*

Angle between the backrest and the seat from upright to fully reclined positions.

Armrest Height*

Distance from the compressed seat cushion to the top of an armrest.

Armrest Length*

Distance between the most forward and most rearward points on the armrests as measured parallel to the measuring device. Only the portion of this measurements that falls within the specified armrest zone is reported as armrest length.

Armrests, Inside Measurement Width

between the armrests.

Armrests, Outside Measurement

Overall distance from the outer edge of one armrest to the outer edge of the other armrest.

Base Diameter, Outside

Overall diameter of the base.

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Seating Measurements – Multipurpose Chairs

Multipurpose Chairs: High-Height Range, 5-Star Base											
Chair Description	Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support	
Fixed Arms											
Setu Multipurpose	CQN51MA	881.3 mm to 980.4 mm	637.5 mm	609.6 mm	8.6 kgs	444.5 mm to 551.1 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
Setu Multipurpose, Dipped in Colour	CQND51MA	881.3 mm to 980.4 mm	637.5 mm	609.6 mm	8.6 kgs	444.5 mm to 551.1 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
No Arms											
Setu Multipurpose	CQN51MA	881.3 mm to 980.4 mm	482.6 mm	609.6 mm	8.1 kgs	444.5 mm to 551.1 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
Setu Multipurpose, Dipped in Colour	CQND51MA	881.3 mm to 980.4 mm	482.6 mm	609.6 mm	8.1 kgs	444.5 mm to 551.1 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm

* Weight does not include packaging.

Multipurpose Chairs: High-Height Range, 5-Star Base						
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
94.5°	8.3°	102.8° / 121.3°	482.6 mm	698.5 mm	215.9 mm	195.5 mm
No Arms						
94.5°	8.3°	102.8° / 121.3°	N/A	698.5 mm	N/A	N/A

Multipurpose Chairs: Fixed Height, Swivel, 4-Star Base											
Chair Description	Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support	
Fixed Arms											
Setu Multipurpose	CQN51MA	914.4 mm	637.5 mm	594.3 mm	8.6 kgs	469.9 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
Setu Multipurpose, Dipped in Colour	CQND51MA	914.4 mm	637.5 mm	594.3 mm	8.6 kgs	469.9 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
No Arms											
Setu Multipurpose	CQN51MA	914.4 mm	482.6 mm	594.3 mm	8.1 kgs	469.9 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm

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Setu Multipurpose, Dipped in Colour	CQND51MA	914.4 mm	482.6 mm	594.3 mm	8.1 kgs	469.9 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
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* Weight does not include packaging.

Multipurpose Chairs: Fixed Height, Swivel, 4-Star Base						
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
94.5°	8.3°	102.8° / 121.3°	482.6 mm	698.5 mm	215.9 mm	195.5 mm
No Arms						
94.5°	8.3°	102.8° / 121.3°	N/A	698.5 mm	N/A	N/A

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Multipurpose Chair

DESCRIPTION

This multipurpose chair has a one-piece Intercept suspension material between outer composite polymer frames. The Kinematic Spine technology is integrated into the chair's back frame to allow for varying recline positions and continuous support. The chair has a standard-height or high-height pneumatic height adjustment.

Base choices include a 5-star base with castors or a 4-star base with glides.

Arm choices include no arms or fixed-height ribbon arms.

Dipped in colour – the colour-matched components of the dipped in colour chair include: base, frame and arms. The suspension material and castors can also be selected to colour-match.

CONSTRUCTION

Seat and Back

The seat and back surfaces are constructed from a single sheet of suspension material called Intercept. The Intercept material is constructed from thermoplastic polyester elastomer monofilaments in the horizontal direction and polyester fibers in the vertical direction. The suspension is overmolded with a thermoplastic co-polyester which is pressed into the Kinematic Spine to hold the suspension in place. The strips are secured on each corner with a steel clip. The suspension material is stretched across two Kinematic Spine support members. The Kinematic Spine support members are made out of glass filled polypropylene and elastomeric composite materials. The back support of the Kinematic Spine is held in place with a glass filled Nylon composite spanner.

Arms (Optional)

The Setu multipurpose chair shall be available with no arms or fixed-height ribbon arms. Each armrest shall have a glass filled Nylon 6 loop arm support. The arm is attached to the Kinematic Spine at the top and bottom of the arm support with two bolts. Chairs shall have 228.6 mm by 63.5 mm armpads with a lightly textured surface. The armpad is made from a thermoplastic elastomer material and is attached to the loop arm through an overmolding process.

Tilt

The Setu tilt mechanism shall be a silver alloy aluminum yoke, a silver alloy front link, and a glass filled nylon rear link. There are no springs in the tilt. The spring force comes from the bending of the Kinematic Spine. No tilt tension adjustment is needed with the Setu tilt. The tilt mechanism senses the occupant's weight and provides the corresponding tilt tension.

Base

The 4-star and 5-star bases shall be powder coated with a thermoset resin on an aluminum structure or a combination of powder coat and polished finish. The chair shall swivel 360°. Chairs shall be furnished with interchangeable castors. See the "Castors and Glides" section for more information. The 5-star base is only available with castors. The 4-star base is only available with a swivel glide.

The chair base shall house a unitized pneumatic cylinder seat height adjustment mechanism contained in 2 steel tubes. The inner tube shall slide and rotate in a bushing within an outer tube. The outer tube shall have a black finish and a tapered end that shall be pressed into the base. The inner tube shall be a metallic finish and shall be pressed into the yoke of the chair.

ADJUSTMENTS

Seat Height

The translucent seat lever is under the right-hand side of the seat. Lift weight to raise the seat height; lower the height while seated.

CASTORS AND GLIDES

Castors/Glides	Size Diameter	Type	Use
HCC	63.6 mm	Low roll resistance castor	Hard floors or carpet

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OC	63.6 mm	Medium roll resistance castor with quiet roll technology	Hard floors or carpet
O2B	63.6 mm	Medium roll resistance castor with quiet roll technology (glacier)	Hard floors or carpet
O2N	63.6 mm	Medium roll resistance castor with quiet roll technology (nightfall)	Hard floors or carpet
O2R	63.6 mm	Medium roll resistance castor with quiet roll technology (canyon)	Hard floors or carpet
C9	63.6 mm	Braking castor	Hard floors or carpet
X8	N/A	Low profile, swivel glide	Hard floors or carpet

Methodology and Dimension Description

The following measurements are displayed in the subsequent measurement charts. The measurements reflect dimensional information necessary for space planning and standards/codes compliance data. The measurements relevant to standards/codes (indicated with a *) were taken with a Chair Measuring Device (CMD) in accordance with the **BIFMA/CMD-1-2017 Universal Measurement Procedure for the Use of BIFMA Chair Measuring Device** guideline.

Seat Height*

Distance between the floor and the compressed seat cushion where the user's thigh meets the seat.

Seat Depth*

Distance from the lumbar prominence to the front edge of the seat.

Seat Width*

Width of the chair seat within the indicated measuring zone.

Backrest Height*

Distance from the seat cushion at centerline to the highest point of the chair back.

Backrest Width*

Width of the backrest at the narrowest point of the lumbar support zone.

Lumbar Support

Height of the most forward point on the back, measured from the compressed seat cushion.

Overall Height (Maximum)

Distance from the floor to the highest point of a chair back (unloaded), with seat height at highest position.

Overall Depth

The distance from the forward castor position/extended seat to the back. Center measured with the chair at an upright position.

Weight

Does not include packaging

Back Tilt Range*

Angle of the back from upright to fully reclined positions in relation to the floor.

Seat Pan Angle*

Seat angle in relation to the floor.

Backrest-to-Seat Angle Range*

Angle between the backrest and the seat from upright to fully reclined positions.

Armrest Height*

Distance from the compressed seat cushion to the top of an armrest.

Armrest Length*

Distance between the most forward and most rearward points on the armrests as measured parallel to the measuring device. Only the portion of this measurements that falls within the specified armrest zone is reported as armrest length.

Armrests, Inside Measurement Width
between the armrests.

Armrests, Inside Measurement Width
between the armrests.

Armrests, Outside Measurement

Overall distance from the outer edge of one armrest to the outer edge of the other armrest.

Base Diameter, Outside

Overall diameter of the base

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Stools											
Stool Description		Overall Height	Overall Width	Overall Depth	Weight	Seat Height	Seat Depth	Seat Width	Backrest Height	Backrest Width	Lumbar Support
Fixed Arms											
Setu Stool	CQN79MA	1117.6 mm to 1308 mm	637.5 mm	627.3 mm	12.7 kgs	662.9 mm to 853.4 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
Setu Stool, Dipped in Colour	CQND79MA	1117.6 mm to 1308 mm	637.5 mm	627.3 mm	12.7 kgs	662.9 mm to 853.4 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
No Arms											
Setu Stool	CQN79MN	1117.6 mm to 1308 mm	482.6 mm	627.3 mm	12.2 kgs	662.9 mm to 853.4 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm
Setu Stool, Dipped in Colour	CQND79MN	1117.6 mm to 1308 mm	482.6 mm	627.3 mm	12.2 kgs	662.9 mm to 853.4 mm	381 mm	480 mm	502.9 mm	474.9 mm	259 mm

* Weight does not include packaging.

Stools						
Seat Pan - Backrest Angle	Seat Pan Angle	Tilt Range	Armrest Clearance /Inside Distance	Base Diameter Outside	Armrest Height	Armrest Length
Fixed Arms						
94.5°	8.3°	102.8° / 121.3°	482.6 mm	698.5 mm	215.9 mm	195.5 mm
No Arms						
94.5°	8.3°	102.8° / 121.3°	N/A	698.5 mm	N/A	N/A

Setu® Chairs

Stool

DESCRIPTION

This stool has a one-piece Intercept suspension material between outer composite polymer frames. The Kinematic Spine technology is integrated into the stools' back frame to allow for varying recline positions and continuous support. The stool has a 5-star base and a pneumatic stool-height range.

Arm choices include no arms or fixed-height ribbon arms.

The footrest height has a 190.5 mm adjustment range, with a max height of 431.8 mm from the floor.

Dipped in colour – the colour-matched components of the dipped in colour stool include: base, frame, arms, footrest and column. The suspension material and castors can also be selected to colour-match.

CONSTRUCTION

Seat and Back

The seat and back surfaces are constructed from a single sheet of suspension material called Intercept. The Intercept material is constructed from thermoplastic polyester elastomer monofilaments in the horizontal direction and polyester fibers in the vertical direction. The suspension is overmolded with a thermoplastic co-polyester which is pressed into the Kinematic Spine to hold the suspension in place. The strips are secured on each corner with a steel clip. The suspension material is stretched across two Kinematic Spine support members. The Kinematic Spine support members are made out of glass filled polypropylene and elastomeric composite materials. The back support of the Kinematic Spine is held in place with a glass filled Nylon composite spanner.

Arms (Optional)

The Setu multipurpose chair shall be available with no arms or fixed-height ribbon arms. Each armrest shall have a glass filled Nylon 6 loop arm support. The arm is attached to the Kinematic Spine at the top and bottom of the arm support with two bolts. Chairs shall have 228.6mm by 63.5 mm armpads with a lightly textured surface. The armpad is made from a thermoplastic elastomer material and is attached to the loop arm through an overmolding process.

Tilt

The Setu tilt mechanism shall be a silver alloy aluminum yoke, a silver alloy front link, and a glass filled nylon rear link. There are no springs in the tilt. The spring force comes from the bending of the Kinematic Spine. No tilt tension adjustment is needed with the Setu tilt. The tilt mechanism senses the occupant's weight and provides the corresponding tilt tension.

Base

The 4-star and 5-star bases shall be powder coated with a thermoset resin on an aluminum structure or a combination of powder coat and polished finish. The chair shall swivel 360°. Chairs shall be furnished with interchangeable castors. See the "Castors and Glides" section for more information. The 5-star base is only available with castors.

The chair base shall house a unitized pneumatic cylinder seat height adjustment mechanism contained in 2 steel tubes. The inner tube shall slide and rotate in a bushing within an outer tube. The outer tube shall have a black finish and a tapered end that shall be pressed into the base. The inner tube shall be a metallic finish and shall be pressed into the yoke of the chair.

Footrest

The footrest is made from aluminum and has a width of 425.4 mm. The footrest remains in a constant relationship to the seat.

ADJUSTMENTS

Seat Height

The translucent seat lever is under the right-hand side of the seat. Lift weight to raise the seat height; lower the height while seated.

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Footrest

The footrest remains in a constant relationship to the seat height adjustment.

CASTORS AND GLIDES

Castors/Glides	Size Diameter	Type	Use
HCC	63.6 mm	Low roll resistance castor	Hard floors or carpet
OC	63.5 mm	Medium roll resistance castor with quiet roll technology	Hard floors or carpet
O2B	63.5 mm	Medium roll resistance castor with quiet roll technology (glacier)	Hard floors or carpet
O2N	63.5 mm	Medium roll resistance castor with quiet roll technology (nightfall)	Hard floors or carpet
O2R	63.5 mm	Medium roll resistance castor with quiet roll technology (canyon)	Hard floors or carpet
C9	63.5 mm	Braking castor	Hard floors or carpet
X8	N/A	Low profile, swivel glide	Hard floors or carpet