

**Open Market
Request for Quotations (RFQ)
Products
Lowest Price, Technically Acceptable**

Request for Quotation

RFQ Number: USCA16Q0084

Request Date: September 28, 2016

To: All Offerors

Special Notes:

This is a request for **Open Market Pricing**.

All items should be quoted **F.o.b. Destination**

Quotes may be faxed or e-mailed to the below listed address by **1pm local time, Thursday, September 29, 2016. Submit your quotation by using the attached quote sheet(s).**

A fixed price award from this RFQ will be made based on the lowest priced, technically acceptable offer based on estimated quantities.

Questions and Quotes concerning this RFQ should be submitted in writing via email to Kimberley_Tucker@ao.uscourts.gov. Questions and Quotes will not be accepted via telephone.

Product delivery is required no later than: 4:30pm local time, Friday, November 25, 2016 (no exceptions).

Respectfully,

/s/ Kimberley Tucker

Kimberley Tucker
Contracting Officer

SOLICITATION/CONTRACT/ORDER OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24 & 30				1. REQUISITION NUMBER OPPSSC160010					
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER USCA16Q0084		6. SOLICITATION ISSUE DATE 09/28/2016	
7. FOR INFORMATION CALL:		a. NAME Kimberley Tucker				b. TELEPHONE NUMBER (No collect calls) 202-502-2317		8. OFFER DUE DATE / LOCAL TIME 09/29/2016 13:00:00	
9. ISSUED BY Procurement Management Division Administrative Office of the United States Courts One Columbus Circle, N.E. Suite 3-250 Washington, DC 20544-0001				CODE PMD		10. NOT USED			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED ☐ SEE SCHEDULE		12. DISCOUNT TERMS		13. NOT USED		14. METHOD OF SOLICITATION ☒ RFQ ☐ RFP			
15. DELIVER TO Administrative Office of the U.S. Courts Office of Probation and Pretrial Services 107 Federal Law Enforcement Training Center 2000 Bainbridge Avenue, Bldg. #1 Charleston, SC 29405				CODE OPPS		16. ADMINISTERED BY (if other than Block 9) CODE			
17a. CONTRACTOR/ OFFEROR		CODE		FACILITY CODE		18a. PAYMENT WILL BE MADE BY CODE			
Telephone No.						18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED ☐			
☐ 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER									
19. ITEM NO.		20. SCHEDULE OF SUPPLIES/SERVICES (Use Reverse and/or Attach Additional Sheets as Necessary)			21. QUANTITY		22. UNIT	23. UNIT PRICE	24. AMOUNT
0001		Steelcase brand or equal Think 465 Series Work Chair in Grade 1 fabric.			56.000000		Each		
25. ACCOUNTING AND APPROPRIATION DATA 2016-092000-OPPTAX-3111-PTA-2016							26. TOTAL AWARD AMOUNT (For Govt. Use Only)		
27. Applicable terms and conditions are as stated in the continuation pages.									
☐ 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.					☐ 29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5) INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:				
30a. SIGNATURE OF OFFEROR/CONTRACTOR					31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)				
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)			30c. DATE SIGNED		31b. NAME OF THE CONTRACTING OFFICER (TYPE OR PRINT)			31c. DATE SIGNED	

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION IS NOT USABLE

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32c. DATE

32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER

34. VOUCHER NUMBER

35. AMOUNT VERIFIED
CORRECT FOR

36. PAYMENT

☐ COMPLETE ☐ PARTIAL ☐ FINAL

37. CHECK NUMBER

38. S/R ACCOUNT NUMBER

39. S/R VOUCHER NUMBER

40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

42a. RECEIVED BY (*Print*)

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

41c. DATE

42b. RECEIVED AT (*Location*)42c. DATE REC'D (*YY/MM/DD*)

42d. TOTAL CONTAINERS

Applicable Clauses

Clause(s) Incorporated By Reference, see Clause B-5

Clause	Title	Date
3-3	Provisions, Clauses, Terms and Conditions - Small Purchases	JUN 2014

B-5 Clauses Incorporated by Reference OCT 2010

This procurement incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the contracting officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address:

<http://www.uscourts.gov/procurement.aspx>.

(END)

F-1 Delivery and Installation Instructions

Delivery and Installation Instructions

1. Furniture shall be delivered and installed to The Federal Probation and Pretrial Academy (FFPA) located at 2000 Bainbridge Avenue, Building 61, Rooms 346 and 348, North Charleston, SC.
2. Delivery is F.O.B. Destination.
3. Delivery and Installations shall take place a minimum of 30 days after award but no later than Friday, November 25, 2016 between the hours of 7:30am – 4:30pm, Monday thru Friday with coordination of FFPA point of contact.
4. Vendor shall have access to Building 61's loading dock for delivery of furniture. Elevator is available for transport from loading dock to classrooms located on level 3.
5. Vendor shall ensure removal and off-site disposal of all packaging. All furnishings will be installed completely.
6. Vendor shall be responsible for verifying all existing field conditions and coordinating with power plans.
7. Offeror is not required to move or dispose of any existing furniture.
8. All installers MUST complete FLETC security forms and MUST receive approval to obtain a day pass from FLETC. NOTE: This security review and approval process can take up to 30 days.

List of Attachments

Identifier	Title	Date	Number of Pages
1	Technical Product Specifications	09/28/2016	
2	Additional Documentation	09/28/2016	

Instructions to Offerors or Respondents

B-1 Solicitation Provisions Incorporated by Reference OCT 2010

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the contracting officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this address:

<http://www.uscourts.gov/procurement.aspx>.

(END)

L-1 Offeror Instrcutions

L .1 GENERAL INFORMATION

You are invited to submit a quotation in response to the AO's Request for Quote (RFQ).

As a result of this solicitation, the Government intends to make a single award to the Technically Acceptable/Lowest Price offeror. Offerors shall submit thier quotes electronically to Kimberley_Tucker@ao.uscourts.gov.

Quotes are due and must be received no later than 1:00 pm ET, Thursday, Spetember 29, 2016. Quotes arriving after specified date and time will not be evaluated.

If an offeror believes that the requirements in these instructions contain an error, omission, or are otherwise unsound, the offeror shall immediately notify the Contracting Officer in writing with supporting rationale.

Quote Sheet for RFQ Number: USCA16Q0084
Attachment 1

Item No.	Description	Quantity	Unit	Unit Price [Vendor to Complete]	Extended Price [Vendor to Complete]
	Steelcase brand or equal Think 465 Series Work Chair in Grade 1 fabric. Minimum requirements include but should not be limited to the following: knit back with upholstered seat, lumbar support with adjustment, adjustable height, adjustable seat depth, adjustable back tension, and adjustable arms. Support up to 300 lbs. (See Solicitation Attachments for specifics)	56	Each		
				ORDER TOTAL:	

Vendor's Name

Vendor's Phone Number/fax number/e-mail address

**Quote Sheet for RFQ Number: USCA16Q0084
Attachment 1**

Vendor's Street Address

Vendor's City, State, and Zip Code

Signature of Person Authorized to Sign Quote

Date

DUNS Number

Printed or Typed Name of Signator

Discount Terms or Net 30?

Quantity Discount or Trade -in amount *(delete if not applicable)*

TECHNICAL PRODUCT SPECIFICATION

Think[®] 465 Series Work Chair and Stool (manufactured for Americas market after 2014)

Last updated: 07 Aug 15

Updated by: Tom Maas

POSITIONING STATEMENT

Think is the chair with a brain and a conscience. It's intelligent enough to understand how you sit and adjust itself intuitively. It's thoughtful enough to measure and minimize its lifelong impact on the environment. In fact, the Think chair is the first product to ever receive Cradle to Cradle[™] Product Certification from McDonough Braungart Design Chemistry's (MBDC). Designed by Glen Oliver Low in collaboration with Steelcase Design Studio.

A	WARRANTY AND TESTING INFORMATION
A.1	► WARRANTY
A.1.1	Steelcase offers a lifetime warranty that product is free from defects in materials and workmanship (includes shipping, parts and labor for the repair or replacement of defective item.)
A.1.2	The following lifetime warranty exceptions are allowed:
A.1.2.1	- Mechanisms, pneumatic cylinders, arm caps, foam, glides and casters have a 12 year warranty.
A.1.2.2	- A selection of textiles have a 12 year warranty.
A.1.3	Complete warranty coverage is available online or upon request.
A.1.4	Product line is warranted for users up to 300 lbs.
A.1.5	Product line is warranted for 24/7 application.
A.1.5.1	- Multi-use applications do not cause the warranty listed above to be pro-rated.
A.2	► TESTING
A.2.1	Chair and Stool are tested to support 300 lbs.
A.2.2	Chair meets or exceeds all ANSI/BIFMA X5.1 American National Standard for Office Furnishings-General Purpose Office Chairs-Tests.
A.2.3	Chair padding materials and fabric comply with the BIFMA First Generation Voluntary Upholstered Furniture Flammability Standard.
A.2.4	Chair padding materials and fabric comply with the State of California Technical Information Bulletin 117.
A.2.5	Testing of fabric abrasion, stain resistance and durability is documented and available upon request.
A.2.6	Chair meets or exceeds the minimum requirements for ANSI/HFES 100-2007 Published by Human Factors Society, Inc., 2007 Edition.
A.2.7	Steelcase maintains membership on the Board of Directors of BIFMA (Business Institutional Furniture Manufacturers Association) and thus shall readily accept new and revised furniture industry standards as they are introduced.



Copyright 2015 Steelcase, Inc

Within this Technical Product Specification every attempt has been made to ensure all product feature and construction is right to make changes, corrections and/or improvements at any time to this Technical Product Specification.

TECHNICAL PRODUCT SPECIFICATION

Think[®] 465 Series Work Chair and Stool (manufactured for Americas market after 2014)

Last updated: 07 Aug 15

Updated by: Tom Maas

A.2.8	FCS (Fire Code Seating) models are available to meet State of California Home Furnishing Technical Bulletin (Cal TB) 133.
B	ENVIRONMENTAL FEATURES
B.1	SUMMARY OF PRODUCT ENVIRONMENTAL PROFILE (COMPLETE DOCUMENT INCLUDING LEED CREDITS IS AVAILABLE ONLINE OR UPON REQUEST)
B.2	► MATERIALS CHEMISTRY
B.2.1	Product is constructed free of environmentally hazardous materials such as PVC, CFC, solvent-based adhesives, heavy metals (chrome, lead and mercury) and benzene.
B.2.2	Product is constructed free of environmentally hazardous processes such as those that produce VOC's and deplete ozone.
B.2.3	Painted components are coated with powder coat paint, which results in minimal waste, consumes less energy and requires no solvents, compared to traditional wet paint processes.
B.2.4	Upholstery fabrics are available which meet MBDC Cradle-to-Cradle Gold sustainable design certification. These fabrics contain less than 100 parts per million of any heavy metals of concern, which includes antimony, which is traditionally found in polyester fabrics.
B.3	► LIFE CYCLE ASSESSMENT
B.3.1	In lieu of disposing furniture in a landfill at the end of its useful life, Steelcase provides opportunities for the Customer to recycle resell or refurbish their used furniture.
B.3.2	A KD ("knock down") version of the chair is available to reduce the amount of packaging produced, used and recycled. KD versions also allow more chairs to fit in the shipping container or trailer, reducing carbon emissions associated with all aspects of distribution.
B.3.3	Certification of environmentally-intelligent product design from a third party, such as MBDC Cradle-to-Cradle™ Certification.
B.4	► RECYCLED CONTENT AND RECYCLABILITY
B.4.1	Plastic base chairs are constructed of 28% recycled content
B.4.1.1	■ 18% post-consumer content
B.4.1.2	■ 10% pre consumer content
B.4.2	Plastic base chairs are 95% recyclable at end of life.
B.4.3	Chair is easily disassembled into readily recyclable materials in 5 minutes or less using common hand tools.
B.4.5	An illustrated document (aka "disassembly directions") is available to define how the product can be disassembled into recyclable components.

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B.5	► CERTIFICATIONS
B.5.1	Furniture is certified to meet the emissions requirements of the California DPH Standard Practice for the Testing of Volatile Organic Emissions from Various Sources-2004 (CA Section 01350) and ANSI/BIFMA X7.1 Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating using either the open plan or private office exposure scenarios defined in ANSI/BIFMA M7.1 Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components, and Seating. Testing is conducted in accordance with ANSI/BIFMA M7.1. Certification is provided by an organization independent of the manufacturer as well as from the testing laboratory, in accordance with the requirements of ISO/IEC Guide 65 General requirements for bodies operating product certification systems.
B.5.1.1	The above requirement is covered by SCS Indoor Advantage™ Gold Certification for indoor air quality.
B.5.2	Product is Level® 3 Certified (with select fabrics) and Level® 2 Certified (all models) with the BIFMA e3 Furniture Sustainability Standards to meet or exceed the most current environmental standards in the furniture industry.
C	PRODUCT DESIGN FEATURES
C.1	► OVERALL DIMENSIONS
C.1.1	Overall depth is 22"D to 24-1/4"D
C.1.2	Overall width is 28-1/2"W
C.1.3	Overall height is:
C.1.3.1	Chairs: 37-1/4"H to 42"H
C.1.3.2	Stools: 44"H to 53-3/4"H
C.2	► BACKREST
C.2.1	Backrest height from seat is 22-3/4".
C.2.2	Backrest width is 18" (at narrowest point).
C.2.3	Chair is standard with an adjustable lumbar with a height adjustment range of 4-1/4" from 6" to 10-1/4". A fixed-height lumbar at 8" from the seat is offered as an lower cost alternative. Both lumbar options are interchangeable in the field.
C.2.3.1	A neutral position is provided at the bottom of the adjustment range for when the user doesn't desire lumbar support.
C.2.4	Chair's back tension and recline control knob (aka "Comfort Dial") is located on the right side of the chair for easy user adjustment. Four positions are engaged at each audible click when the knob is turned:
C.2.4.1	Weight-activated

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C.2.4.2	■ Weight-activated plus 20% boost
C.2.4.3	■ Mid-stop recline
C.2.4.4	■ Upright
C.2.5	• Three backrest upholstery options are offered: 3D knit, standard upholstery and sewn upholstery.
C.2.6	• Back support is provided via a system of exposed integrated flexors vs. frame and suspension material.
C.2.7	• Width of the backrest provides adequate support for the curvature of the user's back without causing localized pressure points.
C.2.8	• Backrest allows for healthy spinal motion; allowing for frequent movement and postural change to support user comfort.
C.2.9	• Chair design does not constrain user's torso to a position forward of vertical, but achieves a position that is vertical or the rear of vertical.
C.2.10	• Backrest design provides structural support for the entire length of the spine from the lower back through the thoracic area.
C.2.11	• Back support and foam are constructed to allow heat to dissipate from the body through the seat to offer the user thermal comfort
C.2.12	• An optional adjustable headrest for chairs has the following features:
C.2.12.1	■ Aesthetically pleasing design unique to Think.
C.2.12.2	■ Vertical adjustment in a 4" range without tools. At its lowest position, the headrest adds no more than 6-3/4" to the overall height of the chair or stool.
C.2.12.3	■ 2-1/2" depth adjustment range without tools.
C.2.12.4	■ Added or removed as needed without damaging the chair.
C.2.12.5	■ Foam cushion for comfort.
C.3	► SEAT
C.3.1	• A pneumatic cylinder is used to accomplish a 5" seat height adjustment range between 16"-21-1/2" (per HFES 100). Stool seat has an adjustment in a 10" range between 22-1/2" – 32-1/2".
C.3.1.1	■ An optional chair cylinder with a 3" range between 15" - 18" is offered for petite users.
C.3.1.2	■ An optional chair cylinder with a 7" range between 18" - 25" is offered for larger users.
C.3.2	• Seat width at its minimum is 20-1/4"W.

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C.3.3	• Seat includes a 2-1/2" seat depth adjustment within a range of 15-1/2" to 18" to better accommodate the 5th percentile female and 95th percentile male (multiple sized chairs to meet this range will not be accepted).
C.3.3.1	■ Actuator paddle are located under the front of the seat for easy and intuitive operation (lift to free seat and release to lock).
C.3.3.2	■ Adjustable seat depth allows the user's back to be in full contact with the backrest while preventing contact between the back of the knee and the front of the seat pan.
C.3.4	• Passive seat edge angle allows the front edge of the seat to flex 1-1/2" relieving pressure behind the thighs, allowing proper blood circulation to the user's legs and feet.
C.3.5	• Seat pan (fabric, cushion, and seat shell) is designed to be easily replaced in less than 5 minutes by a manufacturer trained installer to lengthen your products lifecycle.
C.3.6	• Seat width does not limit the ability to comfortably use the armrests.
C.3.7	• Seat pan angle passively adjusts between 2° to 6° and still keeps the user's torso-thigh angle greater than 90° per ANSI/HFES 100-2007 requirements.
C.3.8	• Seat does not have hard edges which can create pressure points that lead to discomfort.
C.3.9	• Channels molded within the seat cushion provide consistent comfort and support to a range of users.
C.4	► MECHANISM
C.4.1	• Mechanism provides a recline range of 18°.
C.4.2	• The angle between the seat and backrest falls between 98° and 116°.
C.4.3	• Chair has a weight activated mechanism with an intuitive boost option to accommodate the 5th to 95th percentile population.
C.4.4	• Mechanism allows the user to remain properly oriented to their monitor, keyboard, and mouse while in a reclined posture.
C.4.5	• Seat pan does not rise more than 1-3/16" when user reclines minimizing pressure beneath the user's thighs.
C.4.6	• Chair swivels 360 degrees.
C.4.7	• Controls are visible, textured, and easy to reach from a seated position on both sides of the chair. Control knobs and levers are easy to manually manipulate with fingertips from the seated position.
C.5	► ARMS
C.5.1	• Two independently adjustable arm options are available:

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C.5.1.1	■ Height/Width/Pivot/Depth Adjustable (HWPDP)
C.5.1.1.1	○ Height adjustment: 4" between 7"H and 11"H from the seat to relieve upper back and shoulder fatigue. Actuated with an intuitive trigger on the arm stalk.
C.5.1.1.2	○ Width adjustment range between arms is 16-1/2"W to 21"W and 14" to 21-1/4" including pivot. This range allows users of all sizes of arms to be supported naturally by their side rather than in an extended "chicken wing" position. Extending arms in combination with reorienting hands to keyboards causes pinching and could lead to carpal tunnel.
C.5.1.1.3	○ Pivot adjustment: 30° inward and 30° outward.
C.5.1.1.4	○ Depth adjustment: 3". This range enables individuals to get closer to their work.
C.5.1.1.5	○ Contoured HWPDP armcaps are made of soft, yet durable self-skinning foam.
C.5.1.1.6	○ Armrest pivot, width and depth adjustments are made by simply pushing or pulling.
C.5.1.2	■ Height-only Adjustable
C.5.1.2.1	○ Height adjustment: 4" between 7"H and 11"H from the seat to relieve upper back and shoulder fatigue. Actuated with an intuitive trigger on the arm stalk.
C.5.1.2.2	○ Width between arms is 20-1/2"W.
C.5.1.2.3	○ Height-only adjustable armcaps are made of soft, yet durable self-skinning foam.
C.5.2	• Fixed arms are also offered as a reduced cost option.
C.5.2.1	■ Height is fixed at 7"H from the seat.
C.5.2.2	■ Width is fixed at 20-1/2"W.
C.5.2.3	■ Fixed armcaps are made of a rigid plastic with a durable, flexible outer skin.
C.5.3	• Arms remain stationary while user adjusts postures to maintain proper orientation to their worktools.
C.5.4	• Arm adjustments are made without the use of any tools.
C.5.5	• User is able to make all arm adjustments while seated.
C.5.6	• The height of the armrest allows users to sit in a variety of postures while supporting their forearms and/or elbows in a manner that avoids lifting the shoulders or leaning to the side to reach armrest. The armrest height allows accessibility to and performance of tasks.
C.5.7	• Armrest length allows user to sit in a variety of positions while supporting their forearms in a manner that avoids lifting the shoulders and/or excessive outward positioning of the elbows.

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C.5.8	An armless option is also available.
C.6	► BASE / CASTERS
C.6.1	Product has a five-star base with a minimum dimension of 26".
C.6.2	Casters are 65mm (2-1/2") diameter for ease of mobility.
C.6.3	Standard hard caster wheels are constructed of durable nylon for smooth and quiet rolling.
C.6.3.1	- A soft wheel caster option features an internal brake which is applied only when the chair is under load to reduce shifting when the user sits down. This option helps satisfy the European EN12529 safety standard.
C.6.4	Dual caster wheels feature steel axles.
C.6.5	Casters swivel on freely rotating steel pintles.
C.6.6	Five casters on chair base contact the floor on a 27 3/4" diameter for optimal balance of stability and floor space.
C.6.7	Nylon glides are offered as an alternative to casters. Glide height and caster height closely match to maintain seating height dimensions.
C.7	► FEATURES SPECIFIC TO STOOL
C.7.1	Four spoke aluminum foot ring is 20" diameter and user-adjustable without tools up to 3".
C.7.2	Pneumatic cylinder has an adjustment in a 10" range to place the seat height between 22-1/2" – 32-1/2".
C.7.3	Aluminum 5-leg stool base is standard.
C.7.4	Five casters on stool base contact the floor on a 27-3/8" diameter for optimal balance of stability and floor space.
D	CONSTRUCTION METHODS, MATERIALS UTILIZED, AND ASSOCIATED BENEFITS
D.1	► SEAT
D.1.1	Seat shell is flexible molded polypropylene plastic.
D.1.1.1	- Integrated features in the seat shell limit travel of seat depth adjustment.
D.1.2	Seat foam is constructed of 4 lbs/cu ft. density of polyurethane foam which provides the proper amount of support and prevents the user from bottoming out on the seat.
D.1.2.1	- Air pockets strategically placed beneath the seat cushion allow for consistent comfort and support to a range of users.
D.1.3	Front edge springs are pultruded fiberglass parts

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D.1.4	Bail is a steel rod which includes handles that indicate that the user pulls upward to disengage the seat depth lock.
D.1.5	Bail spring is a steel part which holds the Bail locked in position until adjustment is required.
D.1.6	Rockers are molded plastic cams which are used to allow the user to adjust the seat depth.
D.1.7	Glides are molded plastic parts which hold the seat in place and provide a bearing surface for the seat depth adjustment parts.
D.2	► BACKREST
D.2.1	Backrest frame is made up of structural molded plastic components to provide perimeter support.
D.2.1.1	■ The flexors in the backrest are part of the Integrated LiveBack™ System. The flexors are linked together creating an interdependent system designed to mimic and support the natural motion of the user's back.
D.2.1.2	■ Inner carrier is a plastic part which captures the Flexors and, along with the Outer Carrier and are attached to the Back with screws.
D.2.1.3	■ Outer carrier is a polypropylene plastic part which snaps onto the Inner Carrier.
D.2.2	Backrest features an adjustable lumbar support (refer to D.4). A contoured nylon fixed lumbar support is offered as a cost reduction option.
D.2.3	Optional headrest
D.2.3.1	■ Headrest consists of a foam-covered polypropylene plastic inner shell with flanges on the back to provide for a pivot adjustment.
D.2.3.2	■ Headrest support post is a two-piece nylon plastic part with spring-loaded nylon pivot pins.
D.2.3.3	■ Nylon plastic backrest bracket supports the headrest post (allowing vertical adjustment) while providing attachment to the backrest with the assist of spring clips.
D.3	► MECHANISM
D.3.1	Cross member is the main structural component of the mechanism. It is a steel stamped part which attaches to the Side rails.
D.3.2	Spine is an aluminum part which attaches to the Cross member through a pivoting nylon hinge block. The pneumatic cylinder attaches to the Spine. An aluminum bottom cover is attached to the bottom with screws to protect some of the moving parts of the mechanism.
D.3.3	Side rails are aluminum parts attached to the ends of the Cross member with rivets.

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D.3.4	• Front and rear springs are spring steel parts with zinc and plastic bearings on the ends, riveted to the Spine and pivoting through holes in the Side rails. These springs provide the natural fluid motion for the Your Power™ feature of the chair.
D.3.5	• Back tension and recline control is located on the right side rail.
D.3.5.1	■ Back tension and recline control knob is a nylon part with a stainless steel end cap.
D.3.5.2	■ Indexing sleeve is an acetal part
D.3.5.3	■ Back tension and recline control compression spring holds the indexing parts tightly together.
D.3.5.4	■ Indexing piston is a nylon part with indexing features for the four back settings which engage with indexing features on the back tension and recline control knob.
D.3.5.5	■ Back tension and recline control knob bearing is an acetal part
D.3.5.6	■ Cam compression spring holds the cams tightly together.
D.3.5.7	■ Back tension and recline control cable links the cams with the Torsion Link assembly.
D.3.5.8	■ Torsion Link assembly is a steel spring which allows the boost setting.
D.3.6	• Pneumatic controls are located on the right Side rail.
D.3.6.1	■ Pneumatic handle is a molded nylon part.
D.3.6.2	■ Actuation lever is a molded nylon part which transfers handle motion to the cable.
D.3.6.3	■ Actuation cable is a steel cable which transfers the lever motion to the pneumatic cylinder valve.
D.4	► LUMBAR HEIGHT ADJUSTMENT
D.4.1	• Lumbar support is a flexible contoured assembly with a shape designed to match the user's spine. Lumbar support is composed of the following:
D.4.1.1	■ Front and rear covers are polypropylene plastic.
D.4.1.2	■ Trim strip is stainless steel.
D.4.1.3	■ Lumbar energy is provided by two pultruded fiber glass springs.
D.4.2	• Lumbar handles are nylon plastic tabs which are inserted through a slot in the back frame.
D.5	► ARMS
D.5.1	• Arms are available in three versions:
D.5.1.1	■ Height-, Width-, Pivot- and Depth-Adjustable Arm (standard) components:

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D.5.1.1.2	○ HWPD arm stalks are handed structural plastic parts which slide up and down on the arm supports. The height adjustment mechanisms and triggers reside inside the stalks.
D.5.1.1.3	○ Arm supports are handed structural plastic parts which attach to the chair control with screws.
D.5.1.1.4	○ Armcaps are made up of two components, a rigid support base and a soft, self-skinning foam top. Screws fasten the two halves together and screws fasten the bases to the arm stalks.
D.5.1.1.5	○ Width-, pivot- and depth-adjustment mechanisms are concealed inside the armcap bases.
D.5.1.2	■ Height-only Adjustable Arm components
D.5.1.2.1	○ Height-only arm stalks are handed structural plastic parts which slide up and down on the arm supports. The height adjustment mechanisms and triggers reside inside the stalks.
D.5.1.2.2	○ Arm supports are handed structural plastic parts which attach to the chair control with screws.
D.5.1.2.3	○ Armcaps are made up of two components, a rigid support base and a soft, self-skinning foam top. Screws fasten the two halves together and screws fasten the bases to the arm stalks.
D.5.1.3	■ Fixed, Non-Adjustable Arm components
D.5.1.3.1	○ Fixed arm stalks are handed structural plastic parts which attach to the chair control with screws.
D.5.1.3.2	○ Armcaps are a rigid plastic with a flexible outer skin. They are handed and fixed to the top of the arm stalks with screws.
D.6	► FEATURES SPECIFIC TO STOOL
D.6.1	• Adjustable foot ring assembly is a steel ring with aluminum hub and plastic adjustment mechanism.
D.6.2	• Stool features an extended height pneumatic cylinder with 10" adjustment range.
D.6.3	• 5-arm aluminum base is standard.
D.7	► CHAIR BASE
D.7.1	• 5-arm base is glass-filled nylon plastic or optional aluminum
D.7.2	• Top-actuated pneumatic cylinder is standard construction and filled with inert gas, rated at a minimum of 300 Newtons in compression and extension. Cylinder supplies a damping, shock-absorbing action on user impact.
D.7.3	• Standard 65mm (2-1/2") hard caster wheels are constructed of durable nylon for

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	smooth and quiet rolling.
D.7.3.1	■ Soft, roll control wheels are offered as an option. These casters look the same but have a slight braking action when there is minimal or no weight in the seat, so the chair will not roll away from a person trying to sit down or lean against a chair.
D.7.4	• Dual caster wheels feature steel axles.
D.7.5	• Casters swivel on freely rotating steel pintles.
D.8	► UPHOLSTERY
D.8.1	• Each pillow style cushion is made from a color-matched polyester fabric foundation sewn to the customer's fabric choice. This pillow is filled with a foam pad assembly for the seat and the back. The cushion is held in place with two hook-type extrusions at each end of the assembly. To maintain a tight fit to the chair, elastic webbing is used at the rear of the seat and the bottom of the back. The cushions are designed to be replaceable by the end user.
E	SURFACE MATERIALS
E.1	• Seat and Backrest – upholstery options contain:
E.1.1	■ 3D Knit (Mesh is not accepted)
E.1.2	■ Fabric
E.1.3	■ Fabric with soil retardant treatment
E.1.4	■ Leather
E.1.5	■ Vinyl
E.1.6	■ COM (Customer's Own Material)
E.1.7	■ COL (Customer's Own Leather)
E.1.8	■ High Performance Textiles (commonly used in Healthcare environments)
E.1.9	■ Fire code (FCS) fabric (select models)
E.2	• Back frame, arm holsters and plastic base – three molded colors
E.3	• Aluminum base - polished aluminum
E.4	• Arm caps –black polyurethane foam and plastic
E.5	• Stool column and foot ring – two colors
E.6	• Optional chair headrest – black polyurethane foam with black, platinum or gray support post and brackets.
F	AWARDS (INCLUDE THINK V1)

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F.1	Industrial Design Excellence (IDEA) Gold Award for design, functionality and innovation (BusinessWeek Magazine and Industrial Designers Society of America)
F.2	Red Dot Award for Product Design, selected from among more than 4,000 entries from 40 countries (Germany)
F.3	Good Design Award (The Chicago Athenaeum Museum of Architecture and Design)
F.4	iF Design Award (Germany)
F.5	Enterprise & Environment Award for best French eco-product designed for the environment, awarded by the French Minister of Ecology and Sustainability (Pollutec)
F.6	Editor's Choice Award (NeoCon)
F.7	Sustainable Design: Gold Award (IIDEX)
F.8	Innovative Product: Gold Award (IIDEX)
F.9	Workstation Seating: Silver Award (IIDEX)
F.10	Spark Design Awards – Silver Award
G	MISCELLANEOUS
G.1	Seating is either factory-built and boxed or shipped as KD ("knock down").
G.2	Service parts are available (replacement cushions, arm caps, casters, pneumatic cylinder, etc.)
G.3	Statement of line includes a work chair and a stool.
G.4	Any single chair or stool is able to accommodate a 5th percent female to a 95th percent male using the adjustment features. There is no need for multiple models (e.g. Type A-B-C or 1-2-3) to meet the percentile requirement.
G.5	Overall dimensions of the chair do not exceed 28-3/8" in order to accommodate smaller work stations and conference room applications.
G.6	All adjustments are made without the use of tools and no regular maintenance is required.
G.7	Product is guaranteed in writing to be available for a minimum of 10 years after first order entry.
G.8	All measurements are taken using the most current accepted BIFMA Chair Measurement Device (CMD) available.
G.9	Select models and finishes are available for rapid delivery.
G.10	Chair information can be accessed through the QR codes and hang tags on the chair or on the adjustability video on the Steelcase website.

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G.11	Seating products are finished, uniform in quality, clean and free from any defect that might affect their appearance and serviceability.
G.12	All components and welded surfaces are smooth and free from sharp edges, burrs and other hazards to safety.
G.13	Upholstery is applied neatly and stretched equally in all directions, free from distortion. The upholstery is applied in such a way that maintains a tight fit and is smoothed out for higher quality purposes.



Think
seating

Steelcase



THE THINK CHAIR WAS FIRST INTRODUCED IN 2004, DESIGNED FOR THE GROWING TREND OF MOBILE WORKERS AND THEIR UNIQUE NEEDS. A DECADE LATER, WE ARE MORE MOBILE THAN EVER. IT'S NOT A FLEETING TREND.

Mobility in today's workplace.

Mobility not only impacts the way we work, but also the way we sit. Today's workplace demands a chair that is smart enough to respond to the needs of the user and simple enough to customize comfort.

We have redesigned and re-engineered this global best seller to excel in today's mobile world. It's advanced technology supports work anywhere and everywhere.

8Minutes

The average worker spends 8 minutes per transition to settle in and refocus.
Source: Research conducted between 2009 and 2011 by Delia and IDEO

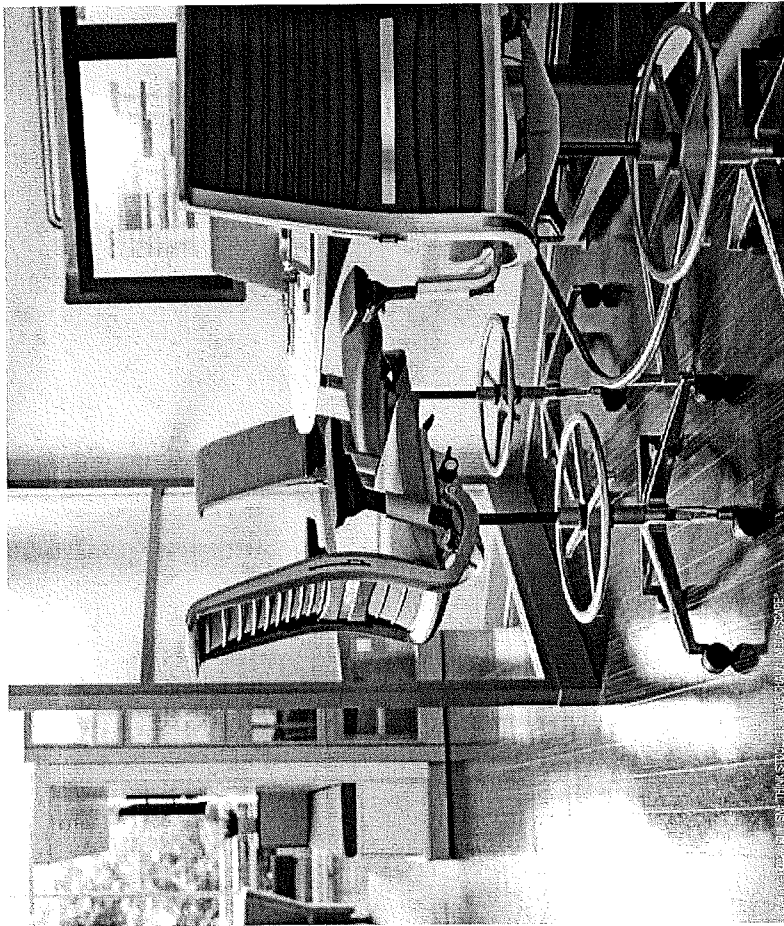
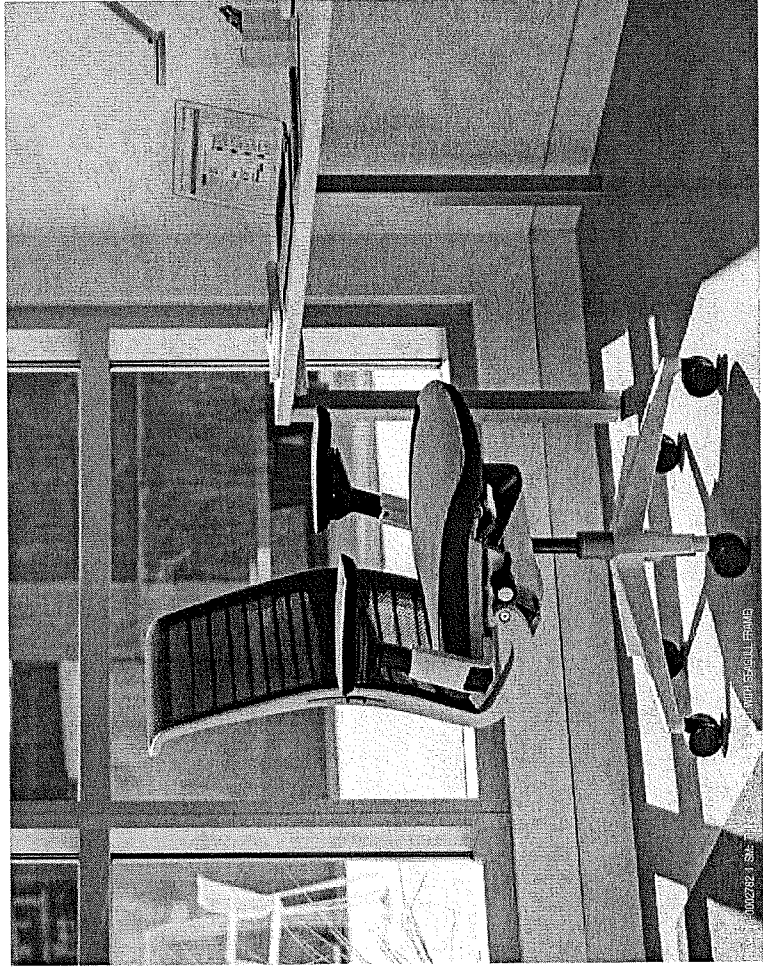


Everywhere chair.

The Think chair easily supports all types of work, from collaborative group work to focused work. Available as seated and stool height. Think easily integrates into today's workplace, providing comfort and support no matter the task or type of work.

Smart.

Think is smart enough to support both impromptu collaborative work, or an all day sit needed for focused work. It intuitively adjusts as a user moves, allowing them to get to work faster.



Weight-Activated Mechanism

Weight-Activated Mechanism moves as fluidly as the human body does. It provides a resilient resistance that is proportional to your own body weight, while keeping you centered to your work.

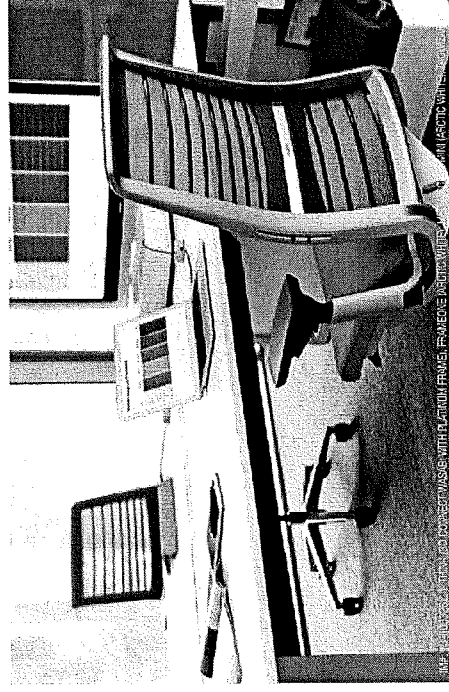
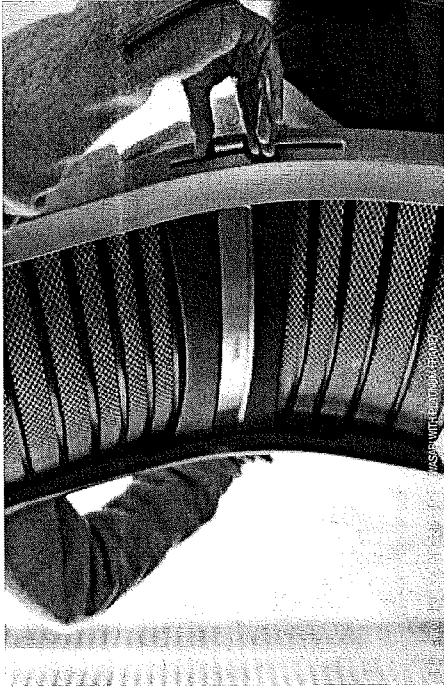
Adaptive Bolstering

Adaptive Bolstering in the seat cushion allows the seat to conform to your shape, providing dynamic support that can adapt to your body as you change postures.



Simple.

Think easily creates maximum customized comfort with a minimal number of adjustments. The integrated LiveBack System, combines a flexible back frame, linked flexors and dual-energy lumbar to intuitively sense and respond to user's needs.

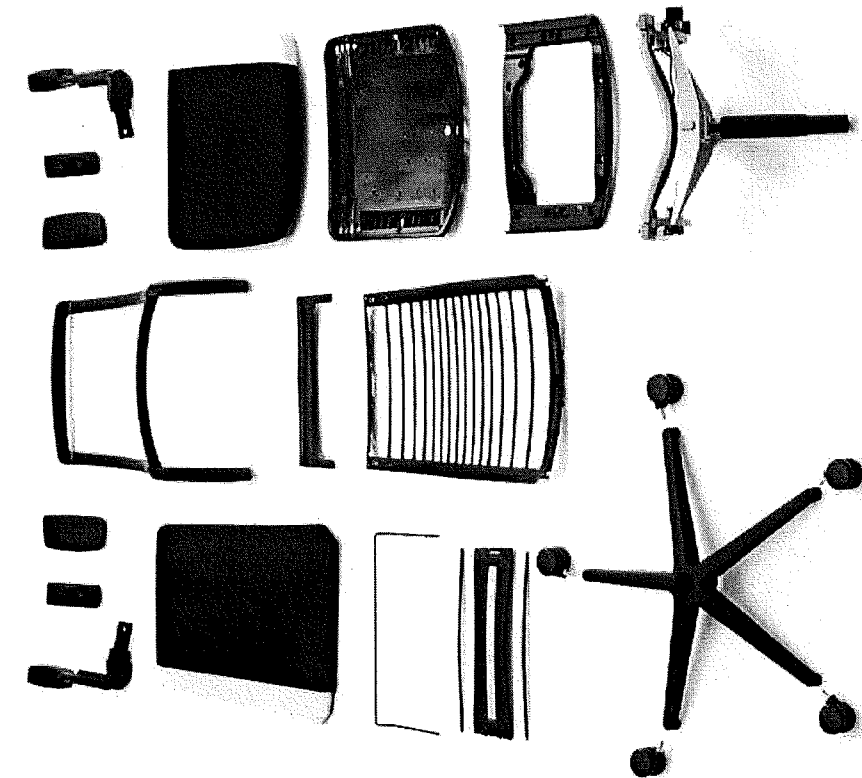


Dual-Energy Lumbar

Uses embedded spring energy to follow and support the natural motion of the spine.

Flexible Seat Edge

Passive seat edge is designed to adjust automatically and relieve pressure on the back of your legs.



2.5 Million

The newly incorporated recycled content significantly reduces carbon emissions. In the U.S. alone, the emission reduction is equal to 2.5 million miles driven, or 100 trips around the world, per year.

Source: *Think Environmental Impact Results*

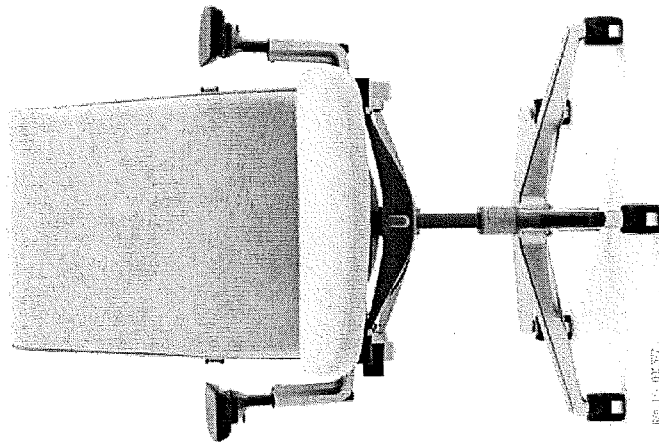
Sustainable.

The Think chair is an icon of sustainable design. When first introduced, it set a new standard in the industry for sustainable design. It was the first product on the planet to receive Cradle-to-Cradle certification, and the first to receive "level 3" certification under the e3 BIFMA standard.

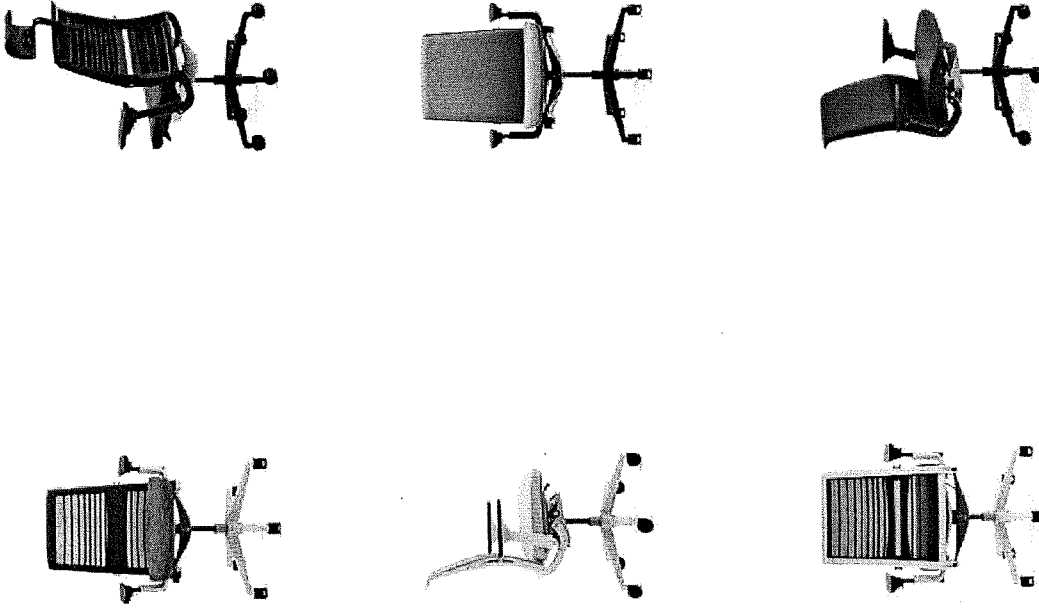
The new Think pushes sustainable design even further. In addition to enhancing the ergonomic performance of the chair, we also made strategic decisions around sustainability, like incorporating more recycled content making up to roughly a third of the chair's weight.

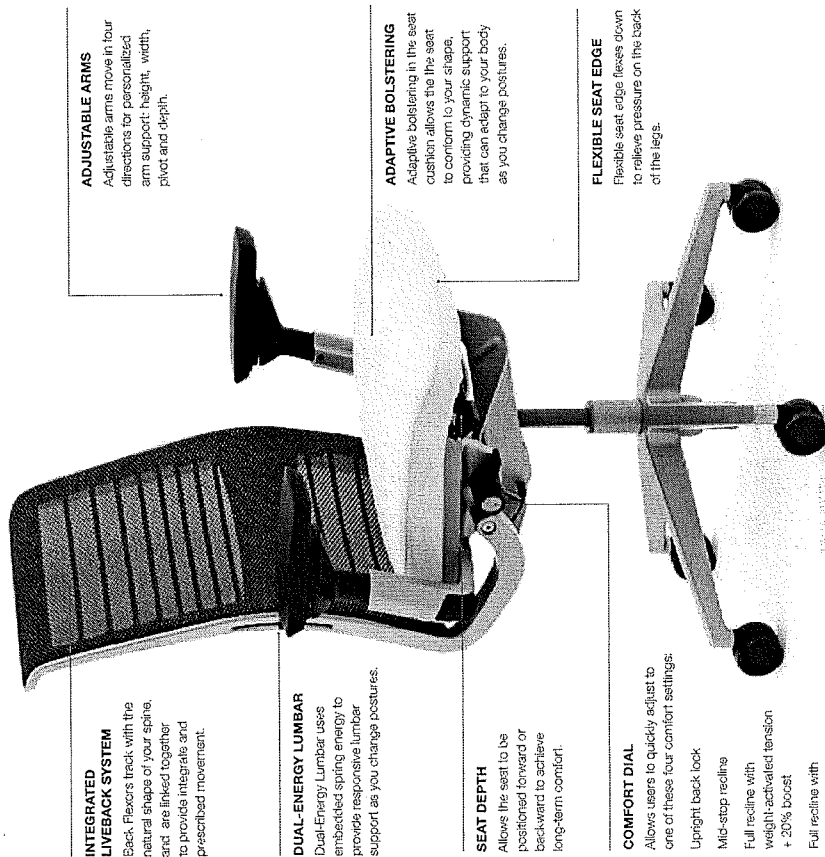
Sophisticated.

Think features a refined aesthetic, combining beauty and functionality. A variety of surface materials and a range of product options, make it easy to integrate Think into any application.



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INTEGRATED LIVEBACK SYSTEM

Back flexors track with the natural shape of your spine, and are linked together to provide integrative and prescribed movement.

DUAL-ENERGY LUMBAR

Dual-Energy Lumbar uses embossed spring energy to provide responsive lumbar support as you change postures.

SEAT DEPTH

Allows the seat to be positioned forward or backward to achieve long-term comfort.

COMFORT DIAL

Allows users to quickly adjust to one of these four comfort settings:

- Upright back lock
- Mid-stop recline
- Full recline with weight-activated tension + 20% boost
- Full recline with weight-activated tension

ADJUSTABLE ARMS

Adjustable arms move in four directions for personalized arm support: height, width, pivot and depth.

ADAPTIVE BOLSTERING

Adaptive bolstering in the seat cushion allows the seat to conform to your shape, providing dynamic support that can adapt to your body as you change postures.

FLEXIBLE SEAT EDGE

Flexible seat edge flexes down to relieve pressure on the back of the legs.

STATEMENT OF LINE



3D Knit back with upholstered seat (mesh)



3D Knit back with upholstered seat (stool)



Upholstered back and seat (mesh)



Upholstered back and seat (stool)

SURFACE MATERIALS

Frame Finishes

- Black 6215
- Seagull 7245
- Platinum Metallic 4799

3D Knit Fabrics

- Coccol 5065
- Turner 5096
- Tangerine 5094
- Scarlet 5095
- Concord 5097
- Maya Blue 5091
- Blue Jay 5093
- Royal Blue 5090
- Sailor 5059
- Wasabi 5090
- Nickel 5093
- Graphite 5082
- Lilac 5084
- Malt 5086
- Roo Bee 5087

Colors are representative and may vary slightly from actual material. For further options visit us online.

SUSTAINABILITY

At its heart, sustainability at Steelcase is about people. It's about creating and supporting the economic, environmental and social conditions that allow people and communities to reach their full potential.

Research and insights direct our path.

It's not only about creating goods, it's about creating good. It's not only about creating value, it's about living our values. It's not just about reducing our footprint, it's about expanding our reach. It's about creating lasting and meaningful change to enable the long-term wellbeing of current and future generations.

Innovative products and solutions result.

In the development of our products, we work to consider each stage of the life cycle: from materials extraction, production, transport, use and reuse, until the end of its life. We demonstrate performance through third-party verified certifications and voluntary product declarations. Steelcase's sustainability promises, actions, and results are communicated in an annual Corporate Sustainability Report.

DIMENSIONS

	Chair	Stool
Overall Depth	22" to 24.25"	22" to 24.25"
Overall Width	28.5"	28.5"
Overall Height	37.25" to 43"	44" to 53.75"
Seat Height	16.5" to 21.5"	22.5" to 32.5"
Seat Depth	15.5" to 18"	15.5" to 18"
Seat Width	20.5"	20.25"
Lumbar Height from Seat	6" to 10.25"	6" to 10.25"
Arm Height from Seat	7" to 11"	7" to 11"
Distance b/w Armrests	14" to 21.25"	4" to 21.25"
Armrest Pivot Range	59°	30°
Armrest Depth	3"	3"

COMPONENTS

Arms	Additional Options
Adjustable Arm	Polished Aluminum Base
Fixed Arm	Adjustable Headrest
Armless	Glides

Steelcase

Call 800.333.9939 or visit steelcase.com

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