

# tritek ergo select seating | product specification

## Work Chairs

**Models 7471-0, 7471-2, 7471-3, 7471-5, 7472-0, 7472-2, 7472-3, 7472-5, 7473-0, 7473-2, 7473-3, 7473-5, 7481-0, 7481-2, 7481-3, 7481-5, 7482-0, 7482-2, 7482-3, 7482-5, 7383-0, 7483-2, 7483-3, 7483-5, 7491-0, 7491-2, 7491-3, 7491-5, 7492-0, 7492-2, 7492-3, 7492-5, 7493-0, 7493-2, 7493-3 & 7493-5**

### Synchro-Tilter Chair Dimensions (Models 74##-0)

Overall Depth	74#1-0	23.5 in / 597 mm
	74#2-0	25 in / 635 mm
	74#3-0	26 in / 660 mm
Overall Width	74#1-0	23.5 in / 597 mm
	74#2-0	26.5 in / 673 mm
	74#3-0	27.5 in / 699 mm
Overall Height	7471-0	41.5-49.7 in / 1054-1262 mm
	7472-0	42.5-52.7 in / 1080-1339 mm
	7473-0	43-53.2 in / 1092-1351 mm
	7481-0	37.5-45.7 in / 953-1161 mm
	7482-0	38.5-48.7 in / 978-1237 mm
	7483-0	39-49.2 in / 991-1250 mm
	7491-0	34.5-42.7 in / 876-1085 mm
	7492-0	35.5-45.7 in / 902-1161 mm
	7493-0	36-46.2 in / 914-1173 mm
	Seat Depth	74#1-0
74#2-0		18-21 in / 457-533 mm
74#3-0		19-22 in / 483-559 mm
Seat Width	74#1-0	17.5 in / 445 mm
	74#2-0	20.5 in / 521 mm
	74#3-0	21.5 in / 546 mm
Seat Height	74#1-0	16.5-19.5 in / 419-495 mm
	74#2-0	17.5-22.5 in / 445-572 mm
	74#3-0	18-23 in / 457-584 mm
Back Height - From Seat	747#-0	25-30.2 in / 635-768 mm
	748#-0	21-26.2 in / 533-667 mm
	749#-0	18-23.2 in / 457-591 mm
Armrest Clearance	74#1-0	15-20.5 in / 381-521 mm
	74#2-0	18-23 in / 457-584 mm
	74#3-0	19-24 in / 483-610 mm
Arm Height - From Seat	74#1-0	6-9 in / 152-229 mm
	74#2-0	6.5-9.5 in / 165-241 mm
	74#3-0	7-10 in / 178-254 mm
Product Weight	46-55 lbs / 20.9-25.0 kgs	
Shipping Cube	13 ft <sup>3</sup> / 0.37 m <sup>3</sup>	

### Knee-Tilter Chair Dimensions (Models 74##-2)

Overall Depth	74#1-2	22.5 in / 572 mm
	74#2-2	24 in / 610 mm
	74#3-2	25 in / 635 mm
Overall Width	74#1-2	23.5 in / 597 mm
	74#2-2	26.5 in / 673 mm
	74#3-2	27.5 in / 699 mm
Overall Height	7471-2	42-50.2 in / 1067-1275 mm
	7472-2	43-53.2 in / 1092-1351 mm
	7473-2	43.5-53.7 in / 1105-1364 mm
	7481-2	38-46.2 in / 965-1173 mm
	7482-2	39-49.2 in / 991-1250 mm
	7483-2	39.5-49.7 in / 1003-1262 mm
	7491-2	35-43.2 in / 889-1097 mm
	7492-2	36-46.2 in / 914-1173 mm
	7493-2	36.5-46.7 in / 927-1186mm
	Seat Depth	74#1-2
74#2-2		17-20 in / 432-508 mm
74#3-2		18-21 in / 457-533 mm
Seat Width	74#1-2	17.5 in / 445 mm
	74#2-2	20.5 in / 521 mm
	74#3-2	21.5 in / 546 mm
Seat Height	74#1-2	17-21 in / 432-533 mm
	74#2-2	18-23 in / 457-584 mm
	74#3-2	19-24 in / 483-610 mm
Back Height - From Seat	747#-2	25-30.2 in / 635-768 mm
	748#-2	21-26.2 in / 533-667 mm
	749#-2	18-23.2 in / 457-591 mm
Armrest Clearance	74#1-2	15-20.5 in / 381-521 mm
	74#2-2	18-23 in / 457-584 mm
	74#3-2	19-24 in / 483-610 mm
Arm Height - From Seat	74#1-2	6-9 in / 152-229 mm
	74#2-2	6.5-9.5 in / 165-241 mm
	74#3-2	7-10 in / 178-254 mm
Product Weight	46-55 lbs / 20.9-25.0 kgs	
Shipping Cube	13 ft <sup>3</sup> / 0.37 m <sup>3</sup>	



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## Multi-Tilter Chair Dimensions (Models 74##-3)

Overall Depth	74#1-3	22.5 in / 572 mm
	74#2-3	24 in / 610 mm
	74#3-3	25 in / 635 mm
Overall Width	74#1-3	23.5 in / 597 mm
	74#2-3	26.5 in / 673 mm
	74#3-3	27.5 in / 699 mm
Overall Height	7471-3	41.5-50.7 in / 1054-1288 mm
	7472-3	42.5-52.7 in / 1080-1339 mm
	7473-3	43-53.2 in / 1092-1351 mm
	7481-3	37.5-46.7 in / 953-1186 mm
	7482-3	38.5-48.7 in / 978-1237 mm
	7483-3	39-49.2 in / 991-1250 mm
	7491-3	34.5-43.7 in / 876-1110 mm
	7492-3	35.5-45.7 in / 902-1161 mm
	7493-3	36-46.2 in / 914-1173 mm
	Seat Depth	74#1-3
74#2-3		17-20 in / 432-508 mm
74#3-3		18-21 in / 457-533 mm
Seat Width	74#1-3	17.5 in / 445 mm
	74#2-3	20.5 in / 521 mm
	74#3-3	21.5 in / 546 mm
Seat Height	74#1-3	16.5-20.5 in / 432-533 mm
	74#2-3	17.5-22.5 in / 457-584 mm
	74#3-3	18-23 in / 457-584 mm
Back Height - From Seat	747#-3	25-30.2 in / 635-768 mm
	748#-3	21-26.2 in / 533-667 mm
	749#-3	18-23.2 in / 457-591 mm
Armrest Clearance	74#1-3	15-20.5 in / 381-521 mm
	74#2-3	18-23 in / 457-584 mm
	74#3-3	19-24 in / 483-610 mm
Arm Height - From Seat	74#1-3	6-9 in / 152-229 mm
	74#2-3	6.5-9.5 in / 165-241 mm
	74#3-3	7-10 in / 178-254 mm
Product Weight		48-57 lbs / 21.8-25.9 kgs
Shipping Cube		13 ft <sup>3</sup> / 0.37 m <sup>3</sup>

## Operator Chair Dimensions (Models 74##-5)

Overall Depth	74#1-5	22.5 in / 572 mm
	74#2-5	24.5 in / 673 mm
	74#3-5	25.5 in / 648 mm
Overall Width	74#1-5	23.5 in / 597 mm
	74#2-5	26.5 in / 673 mm
	74#3-5	27.5 in / 699 mm
Overall Height	7471-5	40-49.2 in / 1016-1250 mm
	7472-5	41-51.2 in / 1041-1300 mm
	7473-5	41.5-51.7 in / 1054-1313 mm
	7481-5	36-45.2 in / 914-1148 mm
	7482-5	37-47.2 in / 940-1199 mm
	7483-5	37.5-47.7 in / 953-1212 mm
	7491-5	33-42.2 in / 838-1072 mm
	7492-5	34-44.2 in / 864-1123 mm
	7493-5	34.5-44.7 in / 876-1135 mm
	Seat Depth	74#1-5
74#2-5		17.5 in / 445 mm
74#3-5		21.5 in / 546 mm
Seat Width	74#1-5	17.5 in / 445 mm
	74#2-5	20.5 in / 521 mm
	74#3-5	21.5 in / 546 mm
Seat Height	74#1-5	15-19 in / 381-483 mm
	74#2-5	16-21 in / 406-533 mm
	74#3-5	16.5-21.5 in / 419-546 mm
Back Height - From Seat	747#-5	25-30.2 in / 470-635 mm
	748#-5	21-26.2 in / 533-667 mm
	749#-5	18-23.2 in / 457-591 mm
Armrest Clearance	74#1-5	15-20.5 in / 381-521 mm
	74#2-5	18-23 in / 457-584 mm
	74#3-5	19-24 in / 483-610 mm
Arm Height - From Seat	74#1-5	6-9 in / 152-229 mm
	74#2-5	6.5-9.5 in / 165-241 mm
	74#3-5	7-10 in / 178-254 mm
Product Weight		40-49 lbs / 18.2-22.3 kgs
Shipping Cube		13 ft <sup>3</sup> / 0.37 m <sup>3</sup>

Contact sales representative for more information.



7472-0



7491-3

## Features

- Unique upper back shape enables free lateral movement
- Compound contour seat
- 5.25 in (133mm) ratcheting back height adjustment
- Schukra mechanism provides lumbar depth adjustment

## MODELS #####-0

- Synchro-tilter mechanism allows the back to recline at a 2:1 ratio faster than seat
- Infinitely adjustable back angle
- Adjustable tilt tension
- Sliding seat depth adjustment



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## Features (continued)

MODELS ###-2

- Knee-tilter mechanism
- Multiple position tilt lock
- Adjustable tilt tension

MODELS ###-3

- Multi-tilter mechanism
- Infinitely adjustable back angle
- Infinitely adjustable seat angle (forward and rearward incline)
- Adjustable tilt tension
- Sliding seat depth adjustment

MODELS ###-5

- Operator mechanism allows seat/back angle adjustment

## Options

- Several arm options available
- Standard seat foam may be replaced with memory foam
- Base is standard in Black nylon. Also available in Polished Aluminium
- Carpet casters are standard. Hard surface casters are available
- Leather upholstery features additional stitch details

MODELS 74##-2

- Optional sliding seat depth adjustment on chairs with knee-tilt mechanism

MODELS 74##-3

- Heavy duty 24 hour models with multi-tilter mechanism are available

## Construction (Arms)

- Highly adjustable armcaps slide forward and backward with a 2 in (51 mm) range
- Armcaps slide inward, over seat, up to ¾ in (19 mm) on each side
- Armcaps rotate inward up to 35 degrees
- SSU arm pad
- Width adjustable arm extensions allow for arm spacing adjustments of up to 2 in (51 mm) on each side
- Armcap has height adjustment range of 3 in (76 mm)

## Construction (Seat)

MODELS 7471-#, 7481-# & 7491-#

- Plywood seat pan, 0.5 in (14 mm) thick, 10-ply

MODELS 7472-#, 7482-# & 7492-#

- Blended recycled nylon/wood seat pan, 1 in (25 mm) thick, injection molded

MODELS 7473-#, 7483-# & 7493-#

- Plywood seat pan, 5/8 in (16 mm) thick, 10-ply

## Construction (Back)

- Polypropylene back shroud
- Polypropylene back insert with metal connectors
- Steel back uprights

## Construction (Base)

- Injection molded nylon base; fiberglass reinforced
- 26.5 in (673 mm) diameter

## Construction (Casters)

- 2 in (50 mm) hard (carpet) casters made of reinforced nylon
- Optional soft casters for hard floors are made of polyurethane coated nylon
- Dual wheel

## Construction (Mechanism)

- Constructed of cast aluminum and stamped steel
- Connected to gas-assisted pneumatic cylinder

## Upholstery (Seat)

- Seat can be upholstered in fabric, vinyl or leather
- Front edge of seat is a seamless waterfall

## Upholstery (Back)

- Can be upholstered in fabric, vinyl or leather

## Foam

- Seat foam is 2.5 in (64 mm) thick, Density: 1.8 lbs, ILD: 33
- Back foam is molded around back insert

## Weight Capacity

Designed for an active weight capacity is 300 lbs.

## Warranty

Lifetime warranty on all components except the following:

- 5 year warranty on foams and fabrics
- 12 year warranty on control mechanisms

## Fire Rating

All fabric and foam is tested and certified, meeting California Technical Bulletin 117 (CAL 117) standards.

## Environmental

View [Environmental Data Sheets](#) online.

All foam is produced without using any ozone depleting chloro-flouro chemicals.

## Awards/Certifications

- Meets or exceeds all applicable BIFMA standards for safety and durability
- Manufactured in ISO 9001 and 14001 certified facilities

**Please visit [globalfurnituregroup.com](http://globalfurnituregroup.com) for additional product information including environmental certifications.**

