

Top End® OSR Racing Chair: Kneel

Price List and Order Form

Effective January 1, 2006 Revised January 1, 2008

For accuracy of ordering, please fax order to Top End at 727-522-1007.

For questions call 800-532-8677 or 727-522-8677.

To order Literature: 800-828-6282

www.topendwheelchair.com



Provider Name _____ Date _____ Top End Job Number _____
 Account # _____ P.O. # _____ Phone # _____ Fax # _____
 Address _____ City _____ State _____ Zip Code _____
 Customer Name _____ Phone No _____
 Address _____ City _____ State _____ Zip Code _____

Ship order to: Provider Customer

Order will ship to Provider unless otherwise noted.

CHAIR TYPE:

- ELMOSR** Top End Eliminator OSR Racing Chair..... \$2,995.00
- Aluminum frame/cage style: Open V V U¹ (see page 2)
- Upper frame width: _____ (inches)..... **Standard**
- Lower frame width: _____ (inches)..... **Standard**
- Knee width: _____..... **Standard**
- Axle position: 4" 5" 6" 7" 8" (choose one)..... **Standard**
- Straight camber tube: (w/adjustable alignment)..... **Standard**
- Camber: (degrees) 11° 12° 13° 15°
- Front Seat Angle: 10° 15° 20°
- Seat height rear from floor: 15" 16" 17" 18"..... **Standard**
- Overall length:
 64" 66" 68" 70" 72" 74" 76" 78"..... **Standard**
- Upholstery: Kneel Amputee..... **Standard**
- Rear wheel size: 700C 26"..... **Standard**
- Front wheel size: 20"..... **Standard**
- ELM23** 20" Carbon fiber front wheel..... 550.00

OPTIONS:

- ELM4** Aero Bars..... **Standard**
- ELM4** Fixed footrest..... 200.00
- ELM29** Aluminum solid seat..... 75.00
- ELM28** Aluminum knee plate..... 100.00
- ELM32** Titanium track control and steering mechanism..... 400.00

REAR WHEELS:

- Tire-coated aluminum pushrim 3/8" 14 double peg:**
 Diameter: 12" 13" 14" 15" 16"..... **Standard**
- Rear wheels/tires: (choose one)**
 Tubular (28 spoke)..... No Charge
 Clincher (28 spoke)..... No Charge
- Composite wheel upgrade:** (standard wheels not included)
 ELM6 Corima® Carbon fiber 4 spoke (700C)..... 2,500.00
 Tubular Clincher
- ELM27** Zipp carbon disk (700C)..... 2,000.00
 Tubular only
- ELM26** Carbon fiber tri-spoke (700C)..... 1,850.00
 Tubular Clincher

FRAME COLOR AND UPHOLSTERY

UPHOLSTERY Black std UPHI Camouflage \$100.00

CONTEMPORARY COLORS

- Wet Black Black Prism White Snow
- Silver Metallic Silver Vein Copper Penny

WAY COOL COLORS

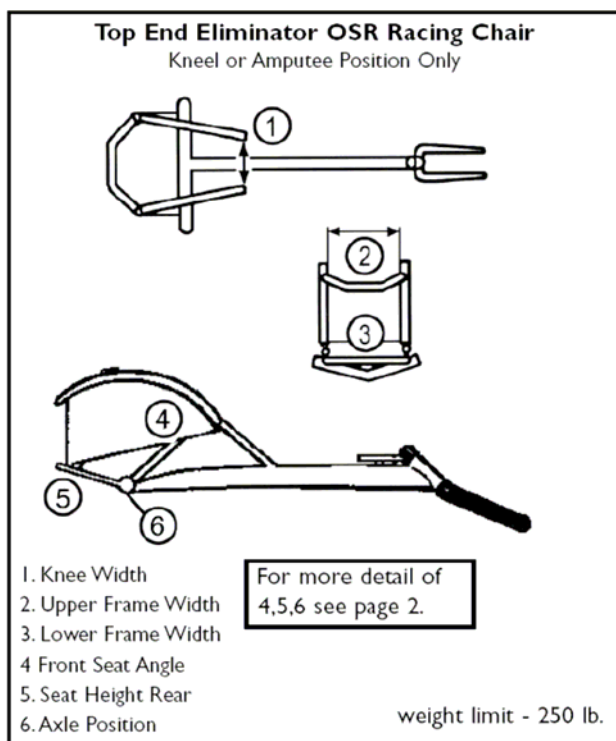
- Electric Blue Midnight Blue Cosmic Blue
- Electric Teal Emerald Green Grasshopper Green

TOO HOT COLORS

- Tangerine Red Electric Red Grape Madness
- Safety Yellow Sunkissed Orange Fruit Fusion

FOOTNOTES

¹ U Cage requires ELM28 aluminum knee plate option and knee height from floor.



SAFETY AND COMFORT OPTIONS

- ELM10** Helmet..... 75.00
 Small (6 5/8" - 7")
 Medium (6 7/8" - 7 1/2")
 Large (7 1/4" - 7 5/8")
- ELM11** Cordless computer..... 20.00
- ELM12** Additional 2" strap..... 20.00
 (length _____)
- RACE5** Top End racing suit..... 100.00 ²
 Short sleeve - one size fits all)
- ELM19** Cushion..... 75.00
- XLT33** Alignment Gauge..... 75.00
- RACE22** Top End T-Shirt..... 10.00 ²
 L XL

Special Instructions:

FOOTNOTES

² Dealer discount not applicable

Top End® Eliminator OSR Racing Chair: Kneel Measuring Guidelines

Kneel Seat Style Chair – Is best for customers who kneel only or need an amputee seat. Customers tend to have good balance and are T-10 injury level or below.

Select Cage Style – See diagram below. V Cage is for the advanced racer with good flexibility to transfer and assume the kneeling position. This cage style is stiffer and more aerodynamic. Open V offers an easier transfer than the V Cage and is better for racers with longer or thicker/big legs.

Upper Inside Frame Width – This measurement on the chair is the point directly above the axle on the inside of the frame. This usually rides below the lats on the chair user. With the new integral fender, frame gradually gets wider as the fender follows the wheel. This allows room for the stroke follow through. Measure 2" above waist, then measure straight across chest. Typically upper frame is a maximum 1" – 2" narrower than lower seat width.

Lower Inside Seat Width – Inside panel measurement at rear seat rail. The side panels are riveted on the side of frame as standard. Snug is preferred. Use two flat objects (such as books) to press flesh in at the hips and measure straight across.

Knee Width – Measure width w/knees together.

Axle Position – Typically between 5" – 8". The lower the level of SCI, the more forward the axle position. Minimum for kneeling position is 6". Most of the top racers have between 6 1/2" – 8". Taller people may need the axle more forward (8") and amputees back a bit (5" – 6"). A straight camber tube (new in 1995) increases the stiffness of the chair and includes rear wheel alignment adjustability. The angled camber tube continues to be an option for those needing more room for their feet.

Camber – Most users prefer 11°. Athletes who sit high and/or race on the track sometimes prefer more.

Seat Angle – Standard is 15° or 20° for most low level SCI athletes. Those who like their legs lower may want less of an angle. 10° gives a 3" raise and 15° gives 4 1/2" and 20° equals 6".

Cage Style -

V Cage – For the advanced racer w/good flexibility to transfer and assume the kneeling position. This cage is stiffest of all the cage designs and more aerodynamic.

Open V – Easier transfer than V Cage design. Better for racers w/longer and/or thicker legs.

U Cage – Contact Top End for specifications and U Cage specific order form. Requires aluminum knee plate option.

Rear Seat Height – Measured from floor. Low level SCI athletes tend to sit higher, whereas quads and high level SCI athletes sit lower. Trunk length should also be considered: a long trunk may sit lower and short trunked people higher. The standard rear seat height is 17".

Overall Length – Measured from end to end (rear to front wheel) – between 64" and 76". The average male adult measures between 72" – 76". This measurement for everyone is dependent on the ability to reach the steering system and brake comfortably with tucked into the racing position. A longer chair is smoother gliding and runs straighter, but if it's too long, the ability to "hop" the chair by body force will diminish.

Rear Wheel Size – 700C – most adult men and women. The larger wheel equals more top end speed and is a must for the serious racer. The Top End Eliminator wheel covering fender helps shorter armed people use a 700C wheel as the wheel is covered and protects against chaffing.

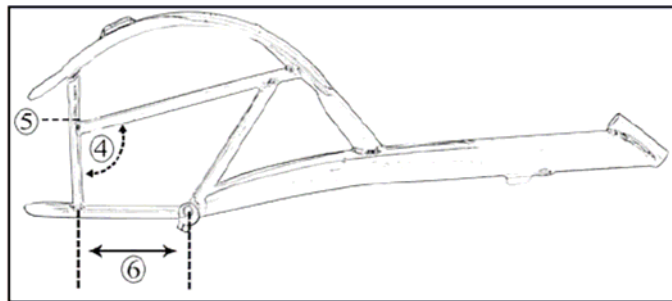
Front Wheel – 20" is standard.

Rear Axle – Standard on Top End racers is 1/2" as this makes a stiffer wheel.

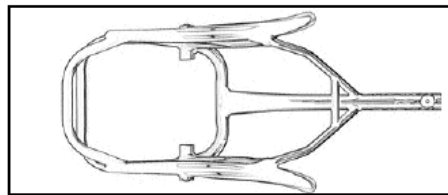
Aero Bars – Are standard on the OSR. Steering mounted on the top of the frame for easier reach and improved aerodynamics with removable bar ends.

Tire Coated Pushrims – Average is 14 1/2" for men, 14" for women. This depends on arm length and power. Range is 13" – 16". Most good racers have tried many sizes over time.

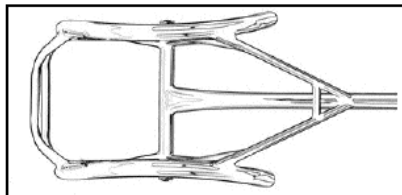
Standard Accessories – Caliper hand brake is mounted on the left steering handle. 3 positioning straps are included (25", 30", 35"). The tool kit includes a pouch that attaches to the back of the upholstery. 5 Allen tools for assembly/adjusting of rear wheels, pushrims, headset, front wheel and side guards are included.



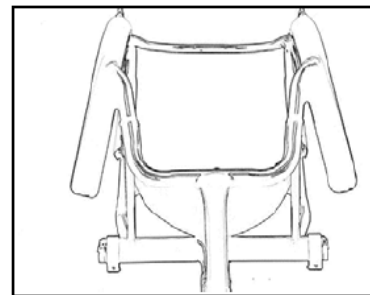
Open V



V Cage



U Cage



Invacare Corporation www.invacare.com

TOP END
Sports and Recreation
Products
4501 63rd Circle North
Pinellas Park, FL USA
33781-5914

All rights reserved. Trademarks are identified by the symbols TM and [®]. All trademarks are owned by or licensed to Invacare Corporation unless otherwise noted. Corima is a registered trademark of Corima SA. Zipp is a registered trademark of Compositech Inc. Specifications and prices are subject to change without notification.
©2007 Invacare Corporation