

Top End® Eliminator™ OSR Racing Chair

Price List and Order Form

Effective January 1, 2006 Revised January 1, 2015

For accuracy of ordering, please fax order to Top End at 727-522-1007 or e-mail to topyendorders@invacare.com

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

To order Literature: 800-828-6282

www.topyendwheelchair.com



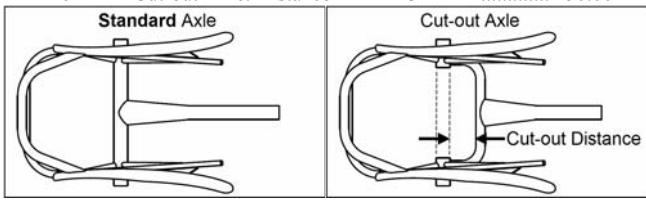
Provider Name _____ Date _____ Top End Job Number _____
 Account # _____ P.O. # _____ Phone # _____ Fax # _____
 Address _____ City _____ State _____ Zip Code _____
Provider Primary Contact: _____ **Email:** _____ **Phone No** _____
 Athlete Name _____ Email _____ Phone No _____
 Address _____ City _____ State _____ Zip Code _____

Indicate: Order or CAD or Quote **Ship order to:** Provider Customer **Order will ship to Provider unless otherwise noted.**

RACE* 101,102,103 CAD Drawings (see page 2) 125.00-225.00
 PO required _____ E-mail address: _____

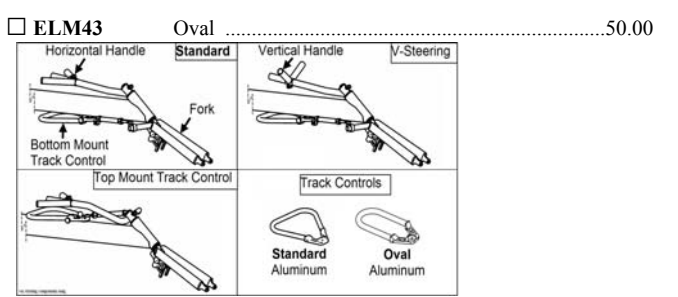
ELIMINATOR OSR FRAME TYPE:
 ELMOSR *Open V* Cage Racing Chair
 Complete page SV1 3,395.00
 ELMOSRU *U* Cage Knee Only Racing Chair
 Complete page KUI 3,395.00
 Includes Aluminum knee plate (required for U cage)
 ELMOSR *I* Cage Racing Chair
 Complete page SII 3,395.00

FRAME OPTIONS:
 ELM29 Aluminum solid seat 75.00
 ELM40 Cut-out Axle: Distance 2" 3" 4" 250.00 ¹



UPHOLSTERY:
 Upholstery Type: Knee (Open V) Standard
 Amputee: length _____ No Charge²
 U Cage Factory pre set
 I Cage Factory pre set

STEERING AND TRACK CONTROL:
 Steering Handles: Horizontal Standard
 Vertical No Charge
 Track Control: Aluminum Triangle Standard



FOOTNOTES
¹ Cut-out axle creates more room for legs and lower rear seat heights.
² Knee upholstery can be used in either the traditional feet forward position with plastic footplate/strap or in kneeling position. Amputee upholstery primarily designed for above knee double amputees. Indicate length of upholstery.

FRONT WHEEL:
 Front wheel size: 20" Standard
 ELM23 20" Carbon fiber front wheel upgrade 600.00

REAR WHEELS / PUSHRIMS: (see measurement page)
 700C 28 Spoke Rear wheels with Clincher tires: Standard
 26" 28 Spoke Rear wheels with Clincher tires: No Charge
Rubber-coated aluminum pushrim 3/8" 14 pegs Standard
CARBON WHEEL UPGRADE:
 (Available with tubular tires only. Standard wheels are not included)
 ELM6 Corima® Carbon fiber 4 spoke (700C) 2,250.00
 ELM25 Corima® Carbon fiber Disk (700C) 2,250.00
 ELM27 Zipp carbon disk (700C) 2,250.00

SAFETY AND COMFORT OPTIONS
Plastic footplate w/strap Standard
 ELM4 Clamp-on Adjustable Fixed Style Footrest 200.00
 ELM19 Seat Cushion 75.00
 ELM10 Helmet: select size: 75.00
 Small/ Medium Medium/Large
 XLT16 Safety Flag 30.00
 XLT6 Front Safety Light 25.00
 XLT7 Rear Flashing Light 25.00
 ELM11 Cordless computer 125.00
 XLT141 Heart Rate Monitor 100.00
 XLT20* Bike Rack for Trailer Hitch: choose size 450.00
 1 1/4" 2"
 TER124 Click strap small (pad length ~8") 75.00
 ELM12 Additional 2" strap 20.00
 (length _____)
 XLT33 Alignment Gauge 75.00
 RACE 4* Wheelbag 180.00
 RACE 22 Top End T-Shirt L XL 10.00
 ELM42* Top End Indoor Training roller 800.00
Freight XLT20, ELM42, and/or Race 4 \$ _____

* Indicates an item where the standard discount does not apply or there are additional shipping charges or both. Please request a quote.

FRAME AND UPHOLSTERY COLOR
FORK COLOR: Black Standard
UPHOLSTERY: Black Standard
 UPH2 Digital Desert Camouflage \$100.00
 UPH1 Woodland Camouflage \$100.00

CONTEMPORARY COLORS:
 Stealth Black Wet Black White Snow Silver Metallic
WAY COOL COLORS
 Royal Blue Midnight Blue Grasshopper Green
 Electric Blueberry
TOO HOT COLORS
 Tangerine Red Raspberry Red Grape Madness
 Safety Yellow Orange Bubblegum Pink
 P1 Two color option \$100
 Fork color _____ Frame color _____

Top End® Eliminator OSR Racing Chair

Measuring Guidelines

Special Instructions:

CAD drawings are computer aided designs that translate the measurements to a 3D preview. Our experienced draftsman completes each CAD request and will e-mail for final approval. The charge for RACE101 is \$125 with standard order form selections, RACE102 is \$175 including 1 custom request and RACE103 is \$225 including 2 custom requests. A separate purchase order is required to begin a CAD and another purchase order is needed to order the product.

Measurement Guide: Please be advised that wheelchair racing requires above average transfer skills plus good trunk and leg flexibility. Not recommended for athletes weighing more than 200 pounds.

Cage Styles –

Open V Cage style is recommended for customers who want to sit in traditional feet forward position and/or eventually want to kneel. This style can accommodate either position and is the best for new athletes. Recommended for athletes with limited balance or for T-10 SCI level and above. These athletes need more of a bucket or squeeze and this frame offers this. The Open V Cage style is requires good transfer skills to get into and out of but offer a stiff cage.

I Cage is the easiest transfer style to use but cannot be converted to a kneeling position. This style is typically used by higher level injury athletes who sit in the traditional feet forward position with an adjustable fixed style footrest.

U Cage is for customers who use the kneeling position or need an amputee seat. Customers tend to have good balance and are T-10 injury level or below. U cage requires an aluminum knee plate for extra rigidity.

Cage styles can be seen on pages SV1, S11 or KU1.

Upper Inside Frame Width – Maximum width 17". 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 – Maximum width 18". 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.

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 Height - Measured from floor to the top of the seat rail. Standard is 17" rear and 18" front for the I and Open V cage styles. The 1" difference gives a slight bucket for stability. Trunk length should also be considered: a long trunk person may sit lower and short trunked person, higher. The kneeling position requires a minimum of 17" rear and 18" front to allow room for legs and feet.

U cage style does not use a front seat height measurement, The height of the knees are measured.

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 while 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 – standard for almost all 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. 26" is an option for children or adults with very short arms.

Tires-

700C Standard Wheels: Black Primo Clincher Tires
700C Carbon Fiber Wheels: Panaracer Rapid Tubular Tires
26" Standard Wheels: Panaracer Stradius Clincher Tires

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.

Rubber Coated Pushrims – Average is 14 1/2" for men, 14" for women. This depends on arm length and power. Range is 12" – 16". Most good racers have tried many sizes over time.

Footrest– An ABS Plastic footrest with strap is standard. It is typically attached on the long main frame and the athlete's feet are secured using the 3 positioning straps which are included (25", 30", 35"). An optional clamp-on fixed style footrest is available and it is adjustable both in height and length. The fixed style footrest clamps to the main frame and provides a rigid surface for the feet which is sometimes easier to use for higher level injuries.

Standard Accessories – Caliper hand brake (non-locking) is mounted on the left steering handle. 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.

Invacare Corporation www.invacare.com

TOP END

Sports and Recreation
Products
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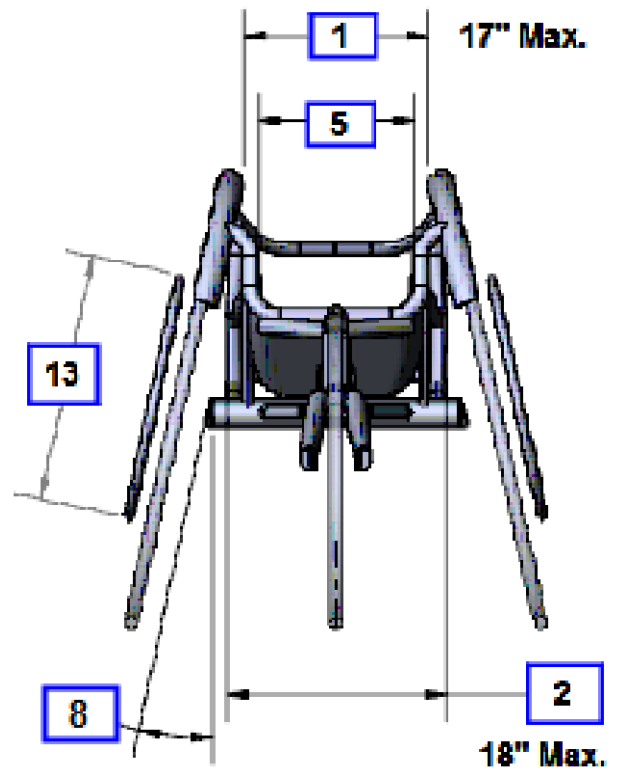
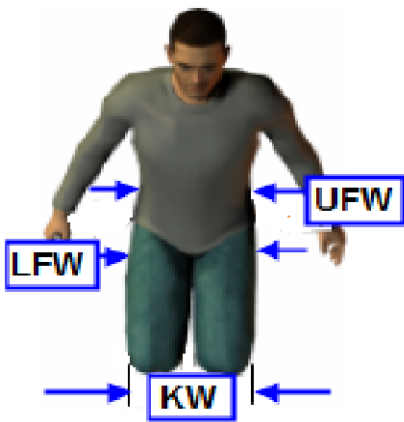


Eliminator OSR Frame: **Kneeling U Cage, - KU1**

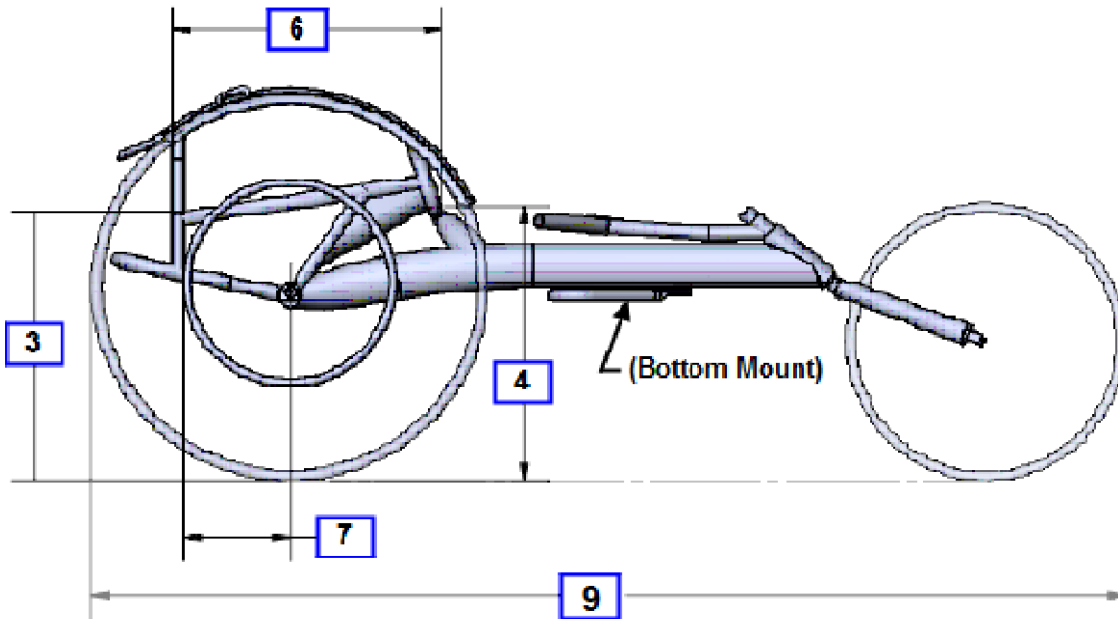
(see page 2 for Measurement Guidelines)

1. Upper Frame Width (UFW): _____.
2. Lower Frame Width (LFW): _____.
3. Rear Seat Height: _____.
4. Kneel Height: _____.
5. Kneel Width: _____.
6. Kneel Depth (18"std.): _____.
7. Axle Position: 5" 6" 7" 8"

8. Camber: 11° 12° 13° 15°
9. Overall Length: 64" 66" 68" 70" 72" 74" 76"
10. Rear Wheel Size: 700c 26"
11. Track Control Mount: Bottom Std. Top
(Top Mount not available w/Overall Length less than 70")
12. Rear Wheel: Zipp Corima Sandard
13. Pushrim Dia.: 12" 13" 14" 15" 16"



Special Request: _____



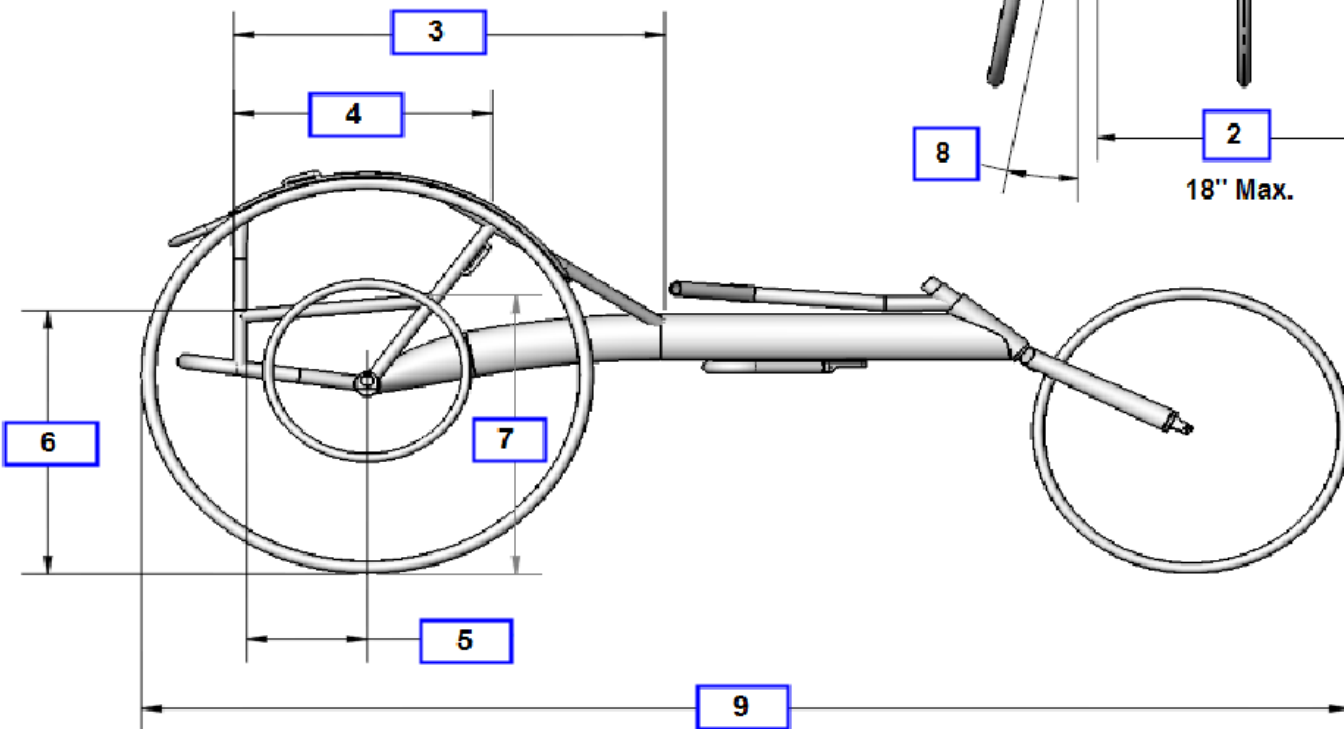
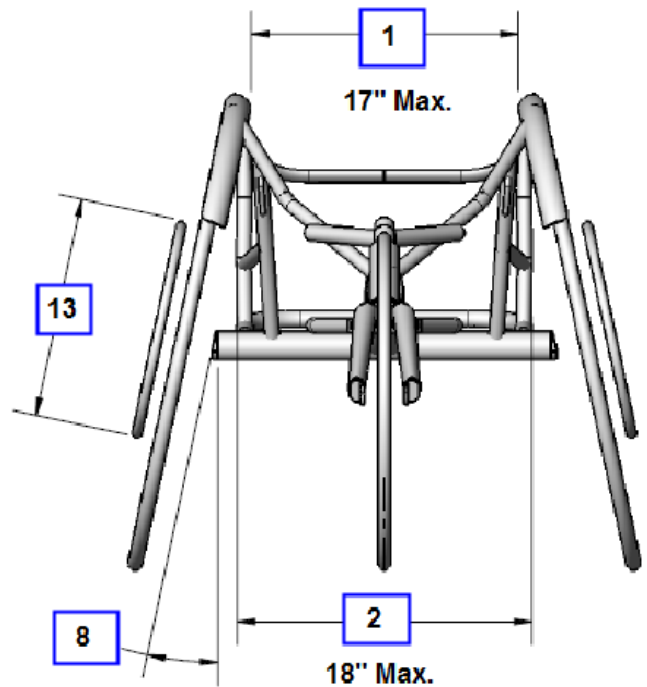
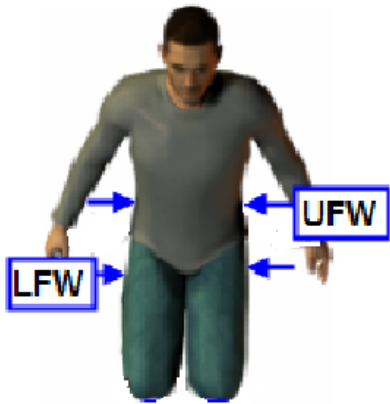
Eliminator OSR Frame Type: "Open-V", - SV1

(see page 2 for Measurement Guidelines)

1. Upper Frame Width (UFW): _____.
2. Lower Frame Width (LFW): _____.
3. V Depth: 25" 26"
4. Cage Depth (15"std.): _____.
5. Axle Position: 5" 6" 7" 8"
6. Rear Seat Height: _____.
7. Front Seat Height: _____.

8. Camber: 11° 12° 13° 15°
9. Overall Length: 64" 66" 68" 70" 72" 74" 76"
10. Rear Wheel Size: 700c 26"
11. Track Control Mount: Bottom Std. Top
(Top Mount not available w/Overall Length less than 70")
12. Rear Wheel: Zipp Corima Sandard
13. Pushrim Dia.: 12" 13" 14" 15" 16"

Special Request: _____



Eliminator OSR Frame: I Cage, - SI1

(see page 2 for Measurement Guidelines)

1. Upper Frame Width (UFW): _____.
2. Lower Frame Width (LFW): _____.
3. Depth (15" Std) : _____.
4. Front Seat Height: _____.
5. Rear Seat Height: _____.
6. Axle Position: 5" 6" 7" 8"
7. Camber: 11° 12° 13° 15°

8. Overall Length:
 64" 66" 68" 70" 72" 74" 76"
9. Rear Wheel Size: 700c 26"
10. Track Control Mount: Bottom Std. Top
(Top Mount not available w/Overall Length less than 70")
11. Rear Wheel: Zipp Corima Sandard
12. Pushrim Diameter.:
 12" 13" 14" 15" 16"

Special Request: _____

