

UniLink™

a Stealth Product





Made for Simplicity

One of the main focus of the UniLink system is simplicity, and this is accomplished with the following points:

- Most adjustments can be accomplished with one tool, a 4mm hex wrench.
- All systems uses same link structure in three (3) size options: 1 1/2in (3.81cm), 2in (5.08cm) and 3in (7.62cm).
- All elements are compatible with one another.

4 TIMES the holding
POWER



UniLink
1 SYSTEM
FITS ALL



REVOLUTIONARY
MOUNTING SYSTEM

Built to Hold

UniLink allows for near limitless positioning of components with improved strength over TWB. UniLink uses a similar compression technology as its predecessor.

UniLink provides four times the strength of the current TWB family of products. UniLink joints compose of steel inserts can hold up to 102 ft-lbs before moving, and each joint can rotate up to 258°.

Designed as a Unified Ecosystem

UniLink began as an improvement to the current TWB family of products. The goal is to simplify the line and use one link for everything. During this project the past issues of TWB are being addressed.

Revolutionary Mounting System

Hence its brand name, the UniLink simplifies the component system by using one link configuration for everything. Every part integrates perfectly with one another giving the opportunity to better understand it, apply it and consider it for other implementations. Either as a pelvic solution or any other solution, each of its components are interchangeable.

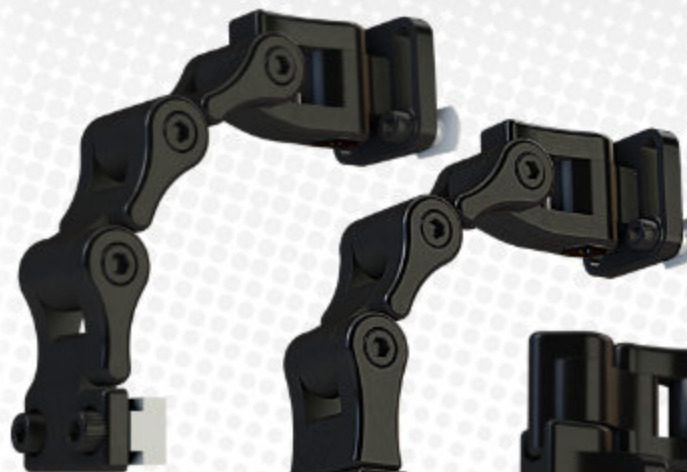
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Pelvic Solutions Hardware

Pelvic/Thigh Hardware



Fixed Standard

UTT2311902-L
UTT2311902-R

Multi-Angle

5in Stave (Short)
UTT7A11602-L
UTT7A11602-R

7in Stave (Long)
UTT6A11602-L
UTT6A11602-R



90° Angle

UTTP5-Q 5in Stave (Short)
UTTP7-Q 7in Stave (Long)

Traditional Long

UTS25300-L
UTS25300-R

Standard Traditional

UTS25100-L
UTS25100-R



Modifications & Mounting Options

FSC
Pad Mount
UTPFS1100



90°
Mounting
Brackets



Standard
UIMPBI090

All Season
UIMPBI090



Cane Mounts
Standard

1 2.54cm
in

7/8 2.22cm
in



3/4 1.91cm
in

Pelvic/Thigh Pad Options



4in x 4in
10.16cm x 10.16cm
UTP544056100

4in x 6in
10.16cm x 15.24cm
UTP546056100

4in x 8in
10.16cm x 20.32cm
UTP548056100



4in x 10in
10.16cm x 25.40cm
UTP540056100

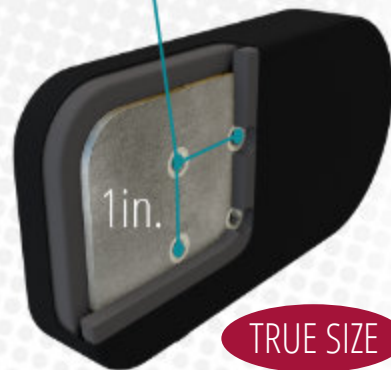
4in x 12in
10.16cm x 30.48cm
UTP54D056100

powered by  **coolcore**

Traditional Style Pads

Neoprene Cover

Metric 2.54cm Hole Spacing



3in x 6in
7.62cm x 15.24cm
UTP536056300

4in x 4in
10.16cm x 10.16cm
UTP544056300

4in x 6in
10.16cm x 15.24cm
UTP546056300

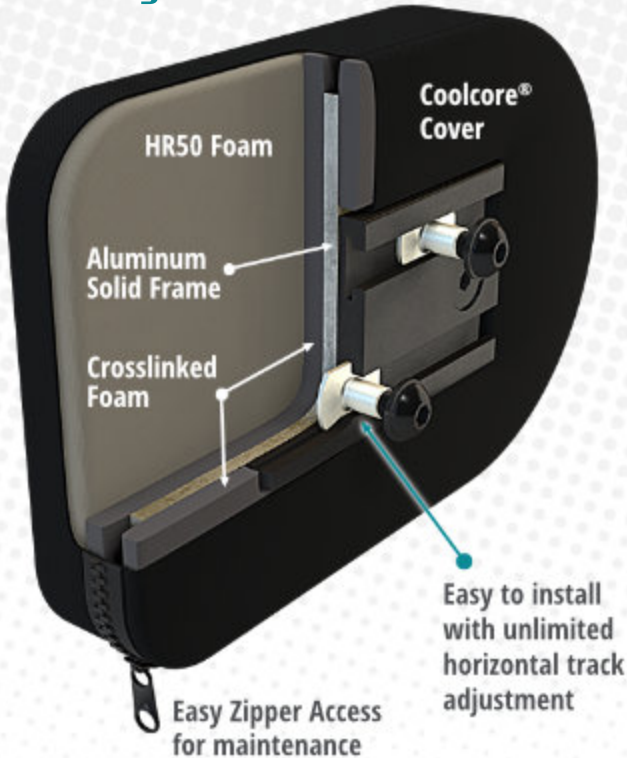
4in x 8in
10.16cm x 20.32cm
UTP548056300

4in x 10in
10.16cm x 25.40cm
UTP540056300

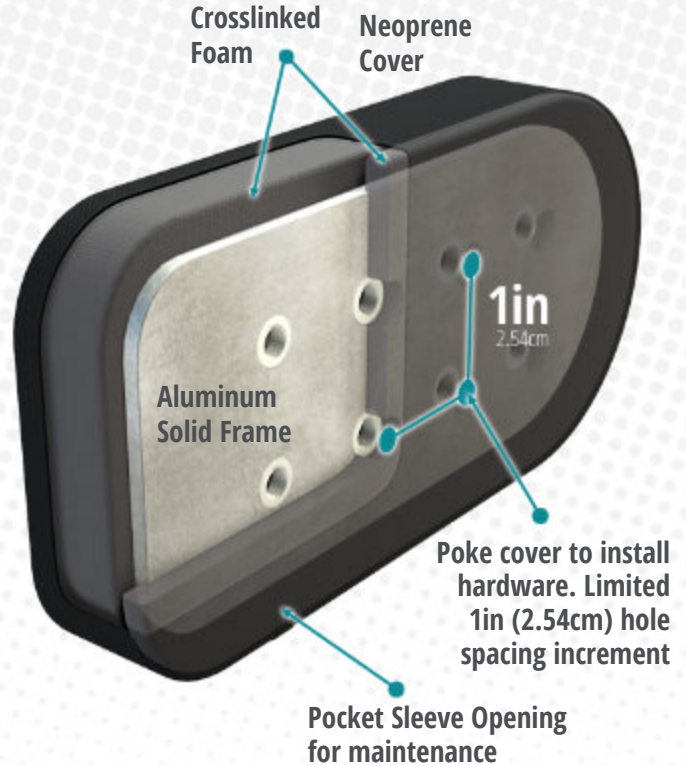
4in x 12in
10.16cm x 30.48cm
UTP54D056300

Pelvic/Thigh Pad Comparison

Track Style Pad



Traditional Style Pad



With enough pressure aluminum frame can be bent to shape



**Trunk Solutions
Hardware**

Trunk (Lateral) Hardware

Swing-away



Short

ULS25000-L
ULS25000-R

Standard

ULS25100-L
ULS25100-R

Inline

ULS05100-L
ULS05100-R

Fixed



Short

ULS23200-L
ULS23200-R

Standard

ULS23210-L
ULS23210-R

FSC

Full Surface Contact

360° Adjustable
Angles

Inline Flip-Away

ULS0510F-L
ULS0510F-R

Short Flip-Away

ULS2500F-L
ULS2500F-R

Short Fixed

ULS2320F-L
ULS2320F-R

Standard Flip-Away

ULS2510F-L
ULS2510F-R

Standard Fixed

ULS2321F-L
ULS2321F-R




UIPFSI100

Thoracic Pad Options

3in x 5in

7.62cm x 12.70cm


ULP535050320

ULP535057120 

4in x 6in

10.16cm x 15.24cm

ULP546050320

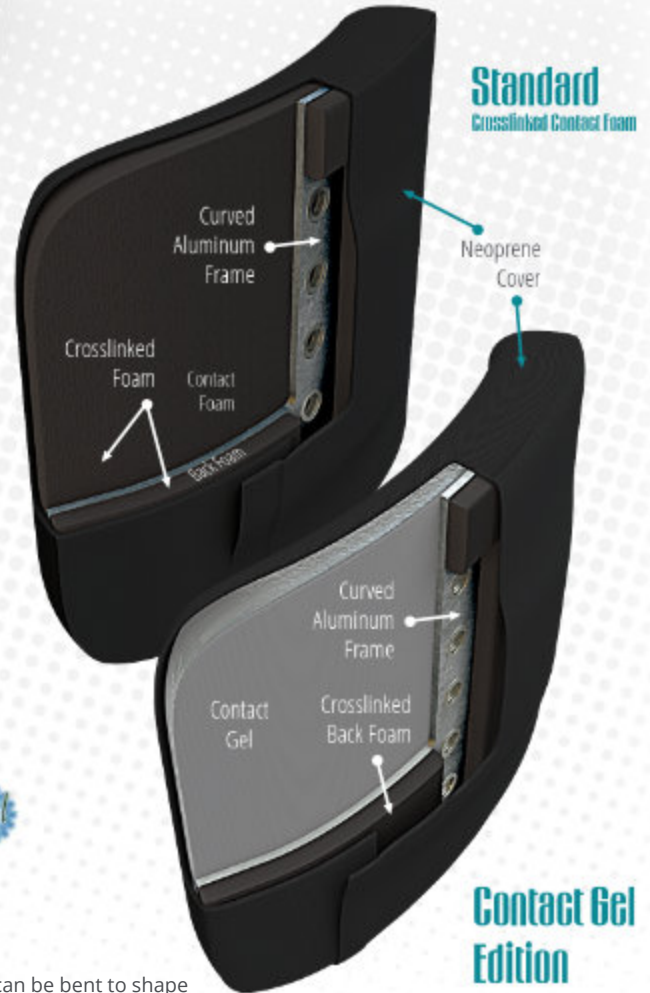
ULP546057120 

5in x 7in

10.16cm x 15.24cm

ULP557050320

ULP557057120 



With enough pressure aluminum frame can be bent to shape

Gel Properties

Non-Toxic
if consumed

Maintain Consistency
on temperatures
under 200°F (93°C)

Does Not Bottom Out
when weight is applied

Passed Flammability Testing
per RESNA WC-1
and international requirements

No Harmful Chemicals
passes CAL Prop 65, REACH and RoHS

Safe for the Environment
is a green recyclable material

Glycerin Mineral Oil
little to no odor
compared to gels in
the market

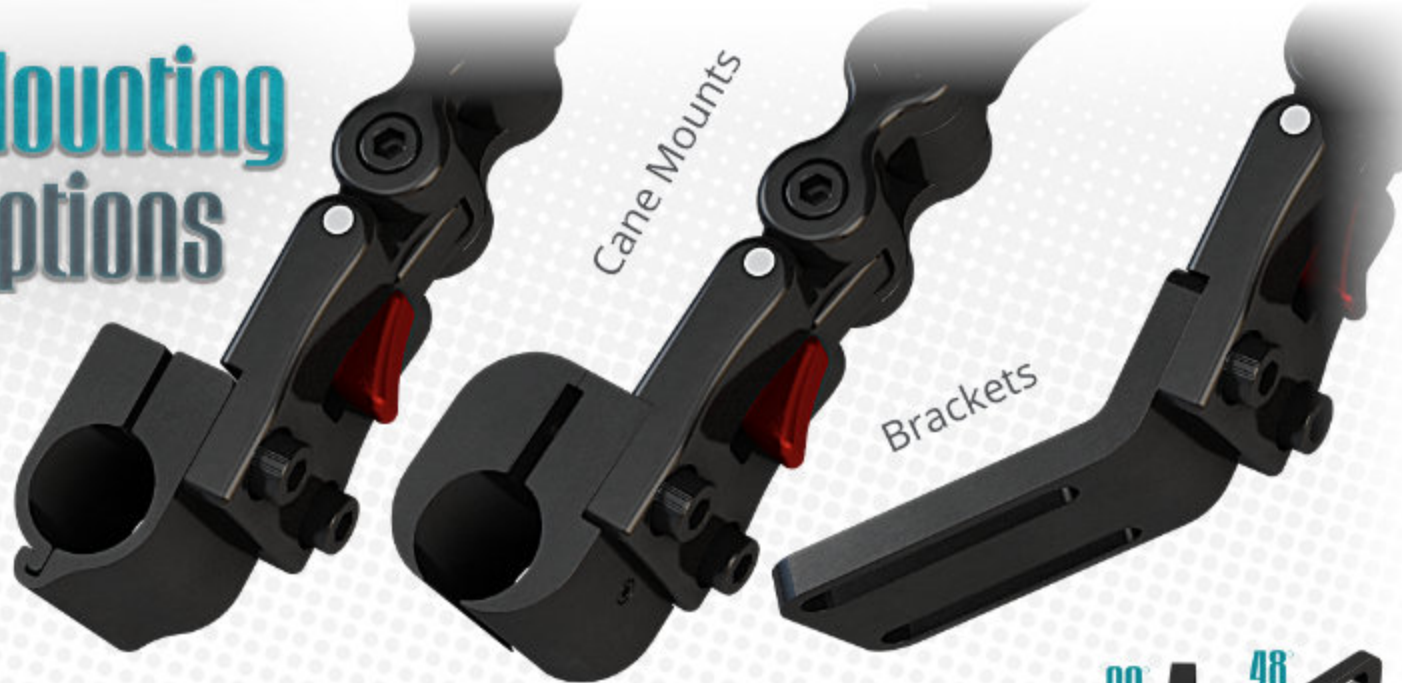
Twill Fabric
65/35 polyester/cotton
woven fabric treated
with **non-hazardous**
dyes and chemicals

Twill Fabric
thin fabric coat
protecting the gel
both sides

1/2in
(1.27cm)



Mounting Options



Cane Mounts Standard

7/8 $\frac{2.22\text{cm}}{\text{in}}$

1 $\frac{2.54\text{cm}}{\text{in}}$



3/4 $\frac{1.91\text{cm}}{\text{in}}$

Crescent

7/8 $\frac{2.22\text{cm}}{\text{in}}$

1 $\frac{2.54\text{cm}}{\text{in}}$



permobil

Corpus 3G UIMBKIP3G



QUANTUM REHAB®



UIMBKITB4 **TB4**



TB3
UIMBKITB3

**OEM Trunk
Mounting Options**

All Season Brackets

Tool Free on-demand width adaptable bracket



UIMASI090
Planar

90°



Angled
for curved surfaces

UIMASI080

80°



UIMASI075

75°



UIMASI070

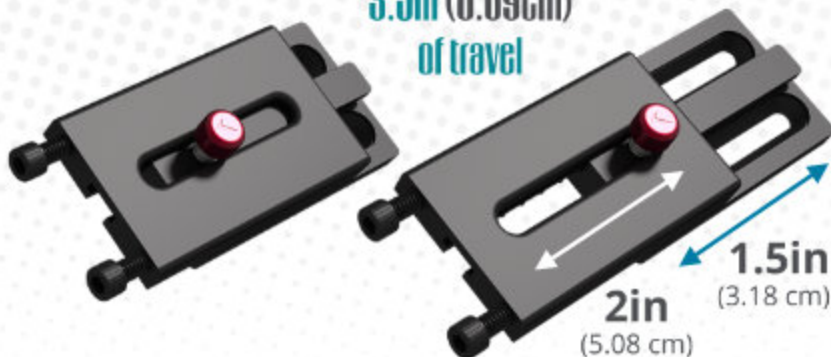
70°



**UnitLink
Adapter Plate**

ADP04

Up to
3.5in (8.89cm)
of travel



2in
(5.08 cm)

1.5in
(3.18 cm)



Upper Extremities Hardware

Elbow Stop Options

Flip-Away

UETB4213SL-Q
UETB4213SR-Q



Flip-Away ES Link Assembly

UE000213SL
UE000213SR



Fixed ES Link Assembly

UE000021F0



QUANTUM REHAB®
Flip-Back
Armrests

Fixed

UETB4021FL-Q
UETB4021FR-Q



permobil

Corpus 3G



UEPRMTRNF(L/R)

Fixed ES Mount
with Permobil Track Nuts



UESTDTRNF(L/R)

Fixed ES Mount
with Standard Track Nuts

Custom Configuration

17mm Ball
with split ring

2in (5.08cm)
Link

Joint Link

Permobil's
Track Nuts

UniLink
Spacer

Flip-Away
Mount

All UniLink's components are compatible with one another allowing the ability to put together a configuration that better accomplishes a desired functionality.

The UniLink ES has been designed for a clean install at the back of a dual tracked armrest similar to the Quantum Flip-Back and Permobil Corpus 3G.



Elbow Stop Pad Options

3in x 3in

7.62cm x 7.62cm

UEP533050320



UEP533057120



Contoured Pad

3in x 10in

7.62cm x 25.40cm

UEP53005032L

UEP53005032R



UEP544050320

UEP544057120

4in x 4in

10.16cm x 10.16cm



UEP53005712L

UEP53005712R



Head Solutions Hardware

Head Solutions

17mm
Ball Link



SU Split Ring
Comes included with Hardware

3in Links
7.62cm

258°



Comfort Plus v.2 Powered by **COOLCORE**

6in (15.24cm) CP06CCFPM **10in** (25.40cm) CP10CCFPM

8in (20.32cm) CP08CCFPM **14in** (35.56cm) CP14CCFPM

True Size

Head Solutions Hardware



3in Link (2)
Default

3in (7.62cm) Link
UILNK300

2in (5.08cm) Link
UILNK200

1 1/2in (3.81cm) Link
UILNK150

17mm
Ball Link

BLL03

Head Mount
UHMNT100

UHSTM400 1/2in (12.70mm) Stave 12in (30.48cm)

UHSTM300
15mm Stave
12in (30.48cm)

UHSTM200
1/2in (12.70mm) Stave 7in (17.78cm)

17mm Ball

UHB2D232FD-QCR
1/2in (12.70cm) Stave 7 1/2in (19.05cm)

UHB3D232FD-QCR
15mm Stave 7 1/2in (19.05cm)

Include Mount

Include Mount

Stealth's Back Mount

SBM-DT for 1/2in Staves
SBM300-M for 1/2in Staves
SBM306 for 15mm Staves

Pre-Assemblies

- UHB2D33200** with 1/2in Width x 7in Long Stave
- UHB3D33200** with 15mm Width x 12in Long Stave
- UHB4D33200** with 1/2in Width x 12in Long Stave
- UHB2D232FD** with 1/2in Width x 7 1/2in Long Stave
- UHB3D232FD** with 15mm Width x 7 1/2in Long Stave

FDM
7 1/2in Stave
available in
1/2in or 15mm
square area

FDM

Head Solutions Headrest Pad

Dimension are approximated



6 1/4in Wide
(15.87cm)

9 9/16in Wide
(24.25cm)

11 7/32in Wide
(28.51cm)

14 5/32in Wide
(35.94cm)

19 1/2in Wide
(49.53cm)



CP06CCFPM

CP08CCFPM

CP10CCFPM

CP14CCFPM

CP19CCFPM

4 1/4in Height
(10.76cm)

5 3/4in Height
(14.60cm)

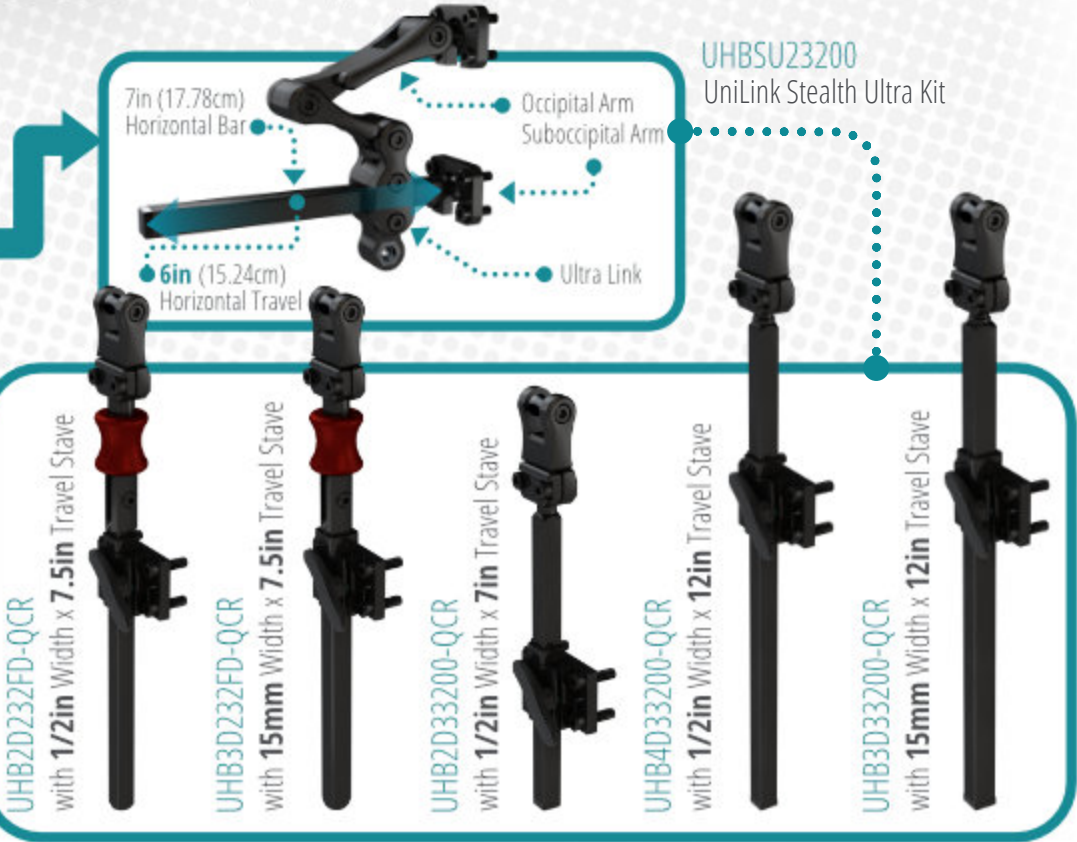
5 3/4in Height
(14.60cm)

5 3/4in Height
(14.60cm)

5 1/8in Height
(13.01cm)

Head Solutions Ultra Hardware

The **UniLink Ultra** provides **occipital** and **suboccipital** support, which can be adjusted independently from each other. The occipital pad provides a more traditional support to the occiput (back of head). The suboccipital pad is positioned right between the back of the head and the top back portion of the neck. This setup provides extra support and positioning for individuals with limited neck control. For a more complex positioning solution, the **Ultra** hardware can be equipped with the **i2i** Upper Torso System as the suboccipital support for individuals with little to no neck control.



Head Solutions Ultra Pads

Stealth Ultra pads are designed to work as a aftermarket set of options. Keep in mind that the Ultra Hardware is compatible with all 17mm ball style Head Solution Pads. **For suboccipital the i2i could be used for a more advanced positioning solution.**



Occipital



530M

Curved 4x2

4in x 2 1/2in
(10.16cm x 6.35cm)



520M

Curved 4x3

4in x 3 1/4in
(10.16cm x 7.62cm)



510M

Flat 5x2

5in x 2in
(12.70cm x 5.08cm)



500M

Curved 7x4

7 1/4in x 4 1/4in
(18.42cm x 10.80cm)

Suboccipital



610M

Niño (Pediatric)

6 3/8in x 2 1/4in
(16.19cm x 5.71cm)



600M

Standard

8 1/2in x 2 3/4in
(21.59cm x 6.99cm)



620M

Extra Large

10 1/2in x 2 3/4in
(26.67cm x 6.99cm)

Other Head Solution Options



i2i



The i2i head positioning system stimulates proper posture for the head, neck and upper torso with a unique shape. Can be used as a suboccipital pad in the UniLink Ultra System.



CB

Combo

The Combo offers a good positioning solution in a small profile and easy on demand adjustments.



AP

All Positioning

The All Positioning (AP) has a unique combination of features that result in an anatomically shaped support. It provides the functions of a headrest as well as comprehensive head positioning system. The shell can be mold to head shape.



ACP



Adjustable Comfort Plus

The Adjustable Comfort Plus (ACP) combines all the features of the Comfort Plus with an adjustable triple pad head support that is designed to supply a resting position, or support against gravity in tilt and recline.

Tri-Comfort Plus



TCP



The Tri Comfort Plus expands the features of the Comfort Plus with the addition of angled lateral wings and a clinically based choice of length and heights. Functions as similarly to the ACP, but its laterals are fixed.

Swing Away Receiver

Our swing away receiver support temporal pads for lateral support, switches for access to external assistive technology devices, or even a chin joystick.



There is a lot more you can do...

check the Swing Away website for more information





what will you
build next?

UniLink Kit Breakdown

Tackle Box Items



UniLink KIT

PRE-CONFIGURED BIOMECH SYSTEMS



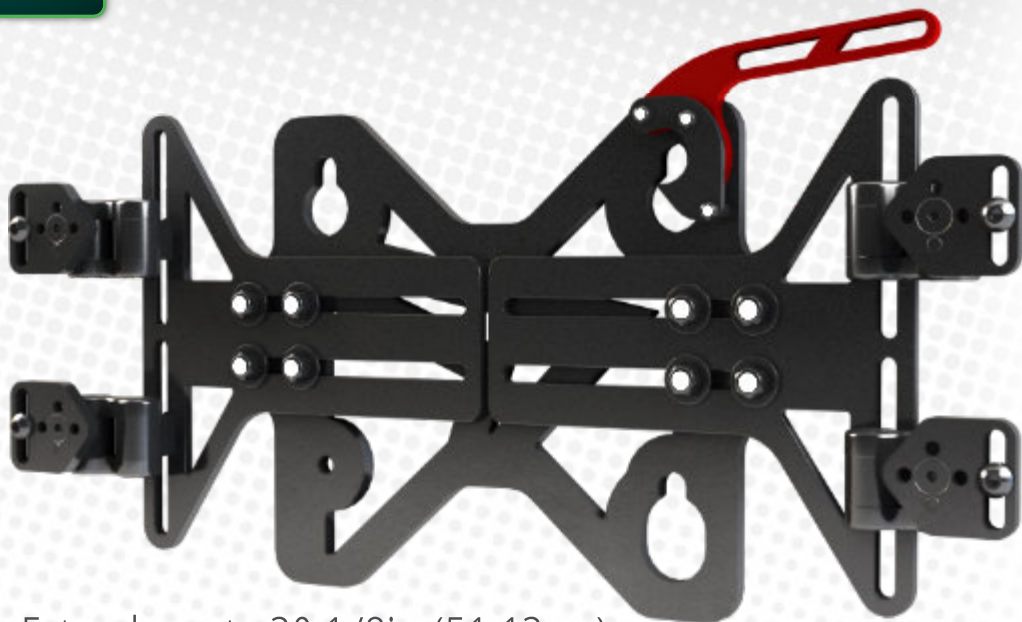
Tackle Box Content

UniLink Pre-Configured Systems

Mounts most backs
in the rehab market

**SIMPLE
SOLUTIONS**

Adapter Interface



Extends up to 20 1/8in (51.12cm)



QUANTUM REHAB®

works with
TRU-Balance® 3 & 4
Edge 3 Stretto™

**OTHER FRAMES
COMING SOON!**

Configurable Interface

Compatible with UniLink™ System

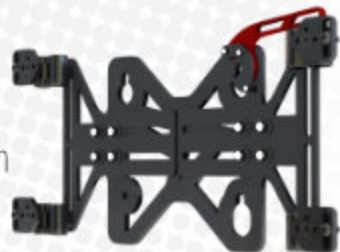


If possible backs can be mounted without cup plates.

Center Point Configuration



4 Point Configuration



Wide Reach Configuration



Minimal total seat depth loss



Can be mounted as close to the frame as possible

Highly Adjustable

Adapter
Lock Lever

Cup Plate Rotates 360°
at 90° increments

1in
(2.54cm)

3-7/8in
(9.84cm)

3in
(7.62cm)

258°

Two
Adjustment
Points

6 1/2in to 8 1/2in = *NO-REACH ZONE refers to an area which would not be reachable unless additional components are implemented

Highly Compatible

ADI ALBR16SD Frame



The more contoured the back frame is the less chance of seat depth loss to occur.

TFB R-Back 14in Frame

Some brands targeted during the engineering process are, but not limited to:

- Matrix®
- Jay®: J3®
- Comfort Company: Acta-Back® / Acta-Embrace™ Series
- Roho®: Agility® Aluminum Series
- Ride®: Java® & Custom

Stealth TFB
Flex Back
on a Quantum
Edge® 3



4 TIMES the holding
TIMES **POWER**



4 mm

Steel Insert

258°
Adjustment

Light Aluminum

Steel Insert



UniLink
1 SYSTEM
FITS ALL





REVOLUTIONARY MOUNTING SYSTEM

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