

# QUADRIFOIL

## Technical Data Sheet



### Q-Harness:

The **Q-Harness** by QUADRIFOIL is the first harness specifically designed for traction kiting. This basic hip-harness combines the attributes of both a wind-surfing and a climbing harness. Designed to remove the strain from the arms and allow prolonged traction kiting without fatigue, the pull is transferred from the foil's handles directly to the pilot's hips. Since the force is transferred to the pilot's hips, the upper body will not be twisted when a traction foil gets behind the pilot (this situation can potentially cause serious lower back injury with a chest harness). Transferring the force to the pilot's center of gravity makes leaning for balance while bugging or kiteskiing much easier, since it is not necessary for the pilot to pull the kite into the correct position using their lower back muscles.

The **Q-Harness** utilizes a stainless steel bar to evenly distribute the load across the hips with a deep roller attached to the center, for easy attachment of the link-line. The roller allows the link-line to glide smoothly back and forth without the friction and premature link-line wear caused by the traditional hook. The stainless steel bar and roller assembly is comfortably held in place with a soft 5cm (2") wide webbing belt with an added 7.5cm (3") x 34cm (13.5") adjustable pad in the back. The harness is restrained from riding-up by an adjustable loop made from the same soft webbing that transfers the pull from the roller to the pilot's lower buttocks when the foil gets overhead. Additional 2.5cm (1") wide leg loops hold the lower loop in place. The leg-loops are equipped with quick-release buckles for easy adjustment, entry and exit. The harness is provided with a spare roller and the webbing can easily be trimmed to fit almost any flyer.

Although this type of harness takes more time to adapt to than the traditional chest harness, the superior pull distribution, smooth gliding wheel and greater safety make it well worth the effort.

### EasyRider:

The **EasyRider** link-line completes the QUADRIFOIL Harness System and both fits perfectly and glides smoothly through the **Q-Harness** roller wheel. Traditional link-lines are difficult to flip in and out of any harness without the pilot looking down and taking their eyes off the kite and their destination. This is both awkward and dangerous. The **EasyRider** is a heavy duty link-line with an outer sheath of plastic tubing. This outer sheath not only protects the line from wear, but also stiffens the line, holding it in an arc and allowing the pilot to easily flip in and out of their harnesses roller without looking. Convenient lark's-head loops made out of heavy duty webbing and locked down with velcro® straps, allow the pilot to easily attach the link-line to any pair of handles without having to drill holes.

Q-Harness & EasyRider



Products by & for  
**ACTIVE PEOPLE**

See all our products on the World Wide Web @  
<http://www.quadrifoil.com>  
Fax: 1-613-592-0593

# QUADRIFOIL

## Technical Data Sheet

Q-Harness

EasyRider

Q-Harness & EasyRider

### Features

All Metal Parts Heavy Gauge  
Stainless-steel Tubing and Rod.

Hip-to-Hip Support Bar

Composite Roller/Hook  
with Replaceable Wheel

Support Loop on Roller/Hook Assembly

Safety Harness Buckles

Two Inch Soft Nylon Webbing

Back Support Padding

Adjustable Leg Loops

Heavy Braided Core

Nitta-Moore® Tubing Sheath

Webbing Larks-head Loop shield link-line to  
handles.

Velcro® Loop-Locks

### Benefits

Rugged Construction for long life  
No rust in harsh salt water environments

Evenly distributes pull across hips  
Will not present a sharp corner to abdomen area if a crash occurs

Smooth control  
Minimal wear on link-line

Transfers upward pull directly to harness assembly

Easy entry/exit and adjustment of harness  
Will not release under extreme loads

Comfortable, distributes load evenly, easy to cut/modify length for custom fit

Prevents webbing from cutting into lower back

Transfers upward pull from the lower back to lower buttocks to keep harness  
from creeping upwards.

Long usable life, no stretch

Protects the link-line from wear  
Smoothly fits roller/hook assembly  
Holds link-line in arc for easy attachment and detachment from roller/hook

Easy attachment to any handles without requiring holes to be drilled or other  
modifications.

### SPECIFICATIONS:

#### Q Waist-Harness

Webbing	Upper/Lower belts 5cm (2") soft nylon, leg loops 2.5cm (1") soft nylon
Harness Bar	All Stainless Steel Construction
Roller Hook Assembly	2.8cm. (1 1/8") plastic composite roller, spares rollers supplied
Release Latches	
2 Quick Release	one on front of each leg loop,
2 Safety Buckles	one each on right side of waist belt and on buttocks belt
Padding	Adjustable 7.5cm (3") x 34cm (13.5") on back of waist belt
Size	Waist/Hip adjustable to 122cm (48"), Buttocks belt adjustable to 99cm (39") Leg Loops Adjustable to 46cm (18")

#### EasyRider Link-line

Link-line	Braided Core with Nita-Moore U2-412/8 exterior sheath
Handle Attachment	Webbing Larks-head, locked with velcro® closure
Sizes:	Short 51cm (20") Medium 61cm (24") Long 70cm (27 1/2")



Products by & for

**ACTIVE PEOPLE**

See all our products on the WorldWideWeb @

<http://www.quadrifoil.com>

Fax: 1-613-592-0593

Your Dealer for ACTIVE PEOPLE Products:

