





2010 catalogue

Maui Sails

Maui, Hawaii ^{since} 1978



**ARTUR
SZPUNAR**
CO-SAIL DESIGNER



**BARRY
SPANIER**
SAIL DESIGNER



**PHIL
MCGAIN**
PRODUCT MANAGER



As we enter 2010

it's a good thing to look back at the challenges of 2009, a year of economic turmoil, uncertainty, and tough business conditions which MauiSails managed to navigate with some exciting successes. From the beginning of the year we were happy to get top results in Formula, Slalom, Waves, and Freestyle in National and International competitions, and the user response to the quality, handling, and performance of the entire range of products is positive and complimentary. Despite the global problems we have plenty to be optimistic about for the future.

Although competition results are only one measure of our success, we can look to the Championship performances as a gauge of the speed, control, and maneuverability found in all our products. Marta Hlavaty (FW World Champion), Josh Angulo (PWA World Champion for Waves),

Taty Frans (winner 2009 Sylt Freestyle) and Steven van Broekhoven (winner 2009 EFPT tour and fifth place overall for 2009 PWA Freestyle) are among the many who have top finishes. The drive to deliver contest winning performance matches our desire to develop products that will make sailing the easiest, most enjoyable time you can spend.

Designer Artur Szpunar has a free hand to create bold and recognizable graphic looks that are integrated with durable structure and function on the water. His passion for the sport and developing understanding of the hidden elements of performance make his efforts personally rewarding, especially since he is testing almost daily in our tough Maui conditions. Working with me and MauiSails' master sail-tester, Phil McGain, keeps the standard at the highest level.

Our goal is an efficient rig that is not only fast with good power, but also feels light and balanced in the wind. The rig package should be reactive, 'breathing' and responding to gusts while maintaining good stability. Full powered race sails blasting over chop at maximum speed, absorbing the gusts and transforming them into useable energy regardless of surface conditions, or wave sails used for charging down the line and powering through hard bottom turns and instantly releasing and feeling neutral off the top benefit from this shaping technique.

Our goal for 2010 is to have more people experience the kind of performance that powers Champions to win, and makes it possible for everyone else to be able to enjoy the sport more easily and with more excitement.

Aloha
Barry Spanier

Welcome in 2010



THE TEAM 2009 Results



James Dinnis New Zealand National Champion Slalom **Norio Asano J-25** Okinawa Cup Slalom 1st, Cold Breeze Wave 3rd **Toru Sakai J-85** Okinawa Cup Slalom 4th **Daisuke Ikoma J-21** Okinawa Cup Slalom 5th **Takuma Fujiwara J-376** Cold Breeze Wave 5th **Patrick Van Hoof** Belgian Speed Sailing Champion, Weymouth Speedweek Champion **Pearse Geaney IR-100** 2009 Irish Slalom Champion **Katie McAnena IR-636** 2009 Irish Ladies Wave Champion **Miguel Rodriguez** Puntas Slalom Series Rank 4th, Formula Series Rank 1st **Jose Sierra** Formula Series Rank 2nd **Steven Van Broeckhoven B-72** 2009 European Freestyle Pro Tour Champion, Alacati King of the Bay 1st, Milos Beach Corona Lefkada Open 1st, Sardinia Toshiba Freestyle Grand Prix 1st, Palekastro Freestyle 1st, Naxos Rip Curl Prince of the wind 1st, PWA Costa Tegui Freestyle 6th, PWA Fuerteventura Freestyle 4th, PWA Sylt Freestyle 7th, PWA Freestyle overall 5th **Taty Frans NB-9** PWA Sylt Freestyle 1st, PWA Costa Tegui Freestyle 7th **Josh Angulo CV-1** 2009 PWA Wave World Champion, PWA Cabo Verde Wave 1st, PWA Sylt Wave 2nd, Pegasus Airlines PWA World Cup Slalom 6th, PWA Fuerteventura Slalom 9th, PWA Gran Canaria Wave 9th, PWA Ulsan World Cup Slalom 8th **Gonzalo Costa Hoevel ARG-3** Formula Windsurfing Calema Midwinters 1st, Formula Windsurfing North American Championships 2nd, Formula Windsurfing South American Championships 3rd, Dwarf8 PWA Surf World Cup Podersdorf Slalom 3rd, PWA Ulsan World Cup Slalom 7th, Formula Windsurfing Grand Prix Allegro Cup 8th, Formula Windsurfing Sao Paulo Grand Prix 7th **Marta Hlavaty POL-111** 2009 Formula Windsurfing World Champion, 2009 Formula Windsurfing European Champion, 2009 Formula Windsurfing Polish Champion, Pegasus Airlines PWA World Cup Slalom 7th **Gabriel Browne BRA-50** Formula Windsurfing Calema Midwinters 5th, Formula Windsurfing Worlds Santa Pola 9th, Formula Windsurfing Sao Paulo Grand Prix 6th, Formula Windsurfing Fortaleza Grand Prix 1st **Rolien Caers B-74** Youth Freestyle World champion Sardegna **Peter Volwater H-24** Ledge to Lancelin marathon 1st, Greenhead wave classic 2nd,

Stockland South beach slalom 1st, Margaret River wave classic 1st, Dwarf8 PWA Surf World Cup Podersdorf Slalom 8th, Margarita Wild Winds 1st, PWA Costa Brava 7th, PWA Gran Canaria slalom 5th, PWA Fuerteventura Slalom 8th, Karpachos Speed World Cup 10th, PWA Turkey 9th, PWA Sylt Wave **Xavier Joly F-767** Championnat de France de Vitesse 2009 10th **Stéphane Vannier F-37** Loire Atlantique Fun Cup 1st, Raid La Tranche Ile de Ré 3rd, Natural Windsurf Cup 2nd, LALC La Baule 1st **Marco Livraghi ITA-137** AIWS Italian Championship 6th **Dennis Littel NED-13** Formula Windsurfing Grand Prix Allegro Cup 6th, Formula Windsurfing European Championship 6th, Formula Windsurfing Worlds 12th, Slalom Worlds 10th, Formula Windsurfing Dutch Champion (5th in a row since 2005), Slalom Dutch Champion **Holger Beer G-789** Flens Surf Cup Sylt Wave/Freestyle 7th, German Windsurfcup overall 6th **Makarenko Sergey RUS-200** Eisk Russian Cup 1st, Dolganka Marathon 1st, Nash-veter Slalom 4th, Dahab Slalom week 1st **Grigory Grebenyuk RUS-32** Easy Style Week (El-Tur, Egypt) Masters Slalom 3rd & 4th overall, Dolganka Marathon 9th out of 124, Russian Nationals Formula 2nd Masters & 5th overall, Russian Nationals Slalom 3rd **Gusev Roman RUS-313** Dahab Freestyle week 7th **Maria Beliy RUS-84** Eisk Russian Cup 1st, Dolganka Marathon 1st, Dahab Slalom week 1st **Gutek Kurczewski POL-75** ICA Junior Slalom World Champion Bonair, Junior Slalom Europeans Germany 3rd, Junior Slalom Polish Championships 2nd, Junior FW Polish Champion **Dirk Doppenberg NED-51** Dutch Speed Windsurfing Record Holder 44.49 kts, Dutch Formula Championships 3rd, Dutch Slalom Championships 5th **Leszek Rutkowski POL-1** FW European Championship lightweight 2nd **Phil McGain AUS-7** Hawaii State Pro Slalom Champion

"Dear All, It sure is a blessing and a stoke to be back on top and finish my competitive wave career with a Wave World Title. These two years since I joined with Maui Sails have been unreal as Barry and Phil have such a mentality for professional athletes which then infiltrates the morale and the fruit of this is a world title for all of us to share"

Josh Angulo CV-1

Josh Angulo





Sylt | Germany | **Josh Angulo** going for the World Champ title

Courtesy of PWA/John Carter

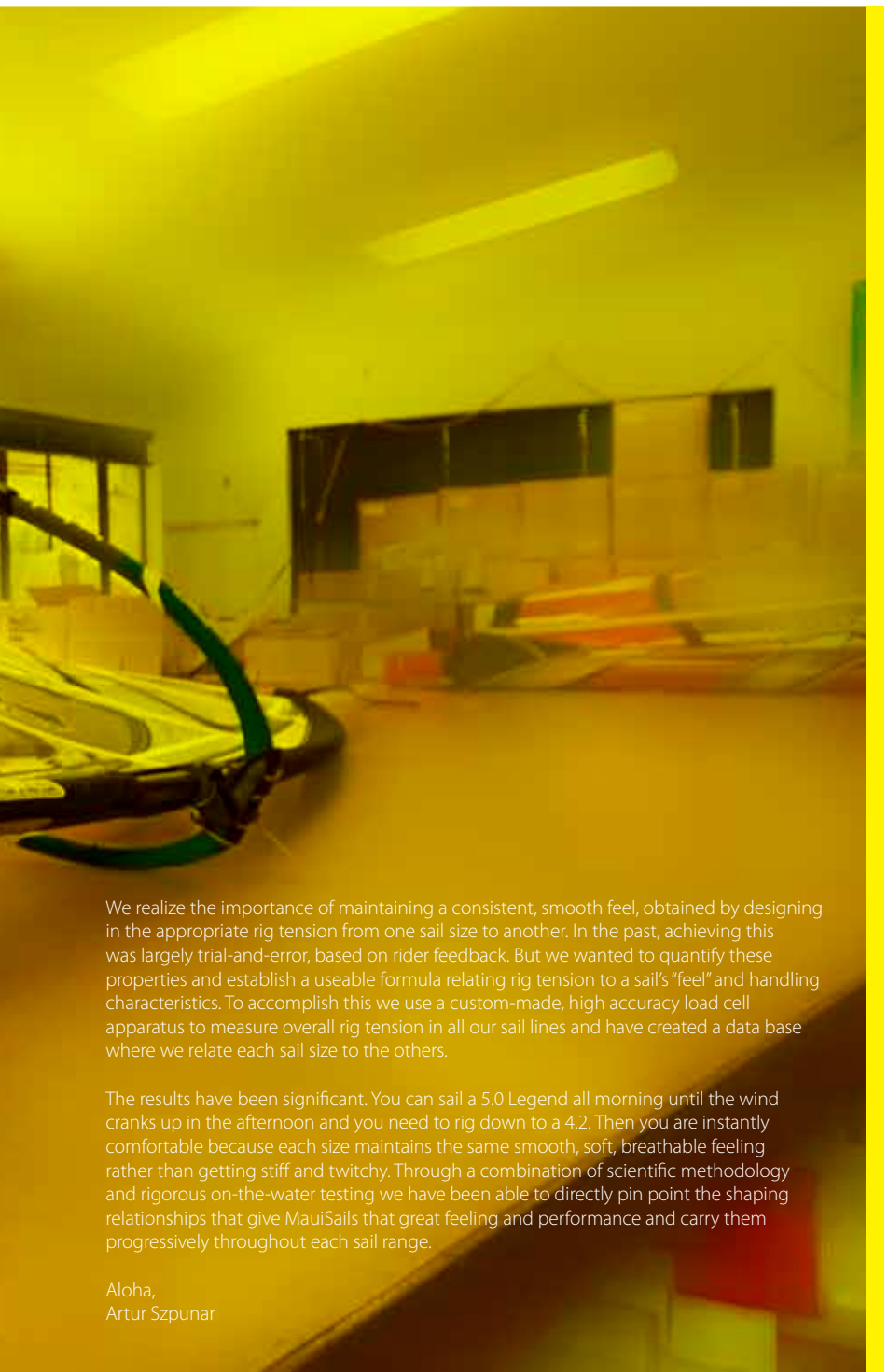
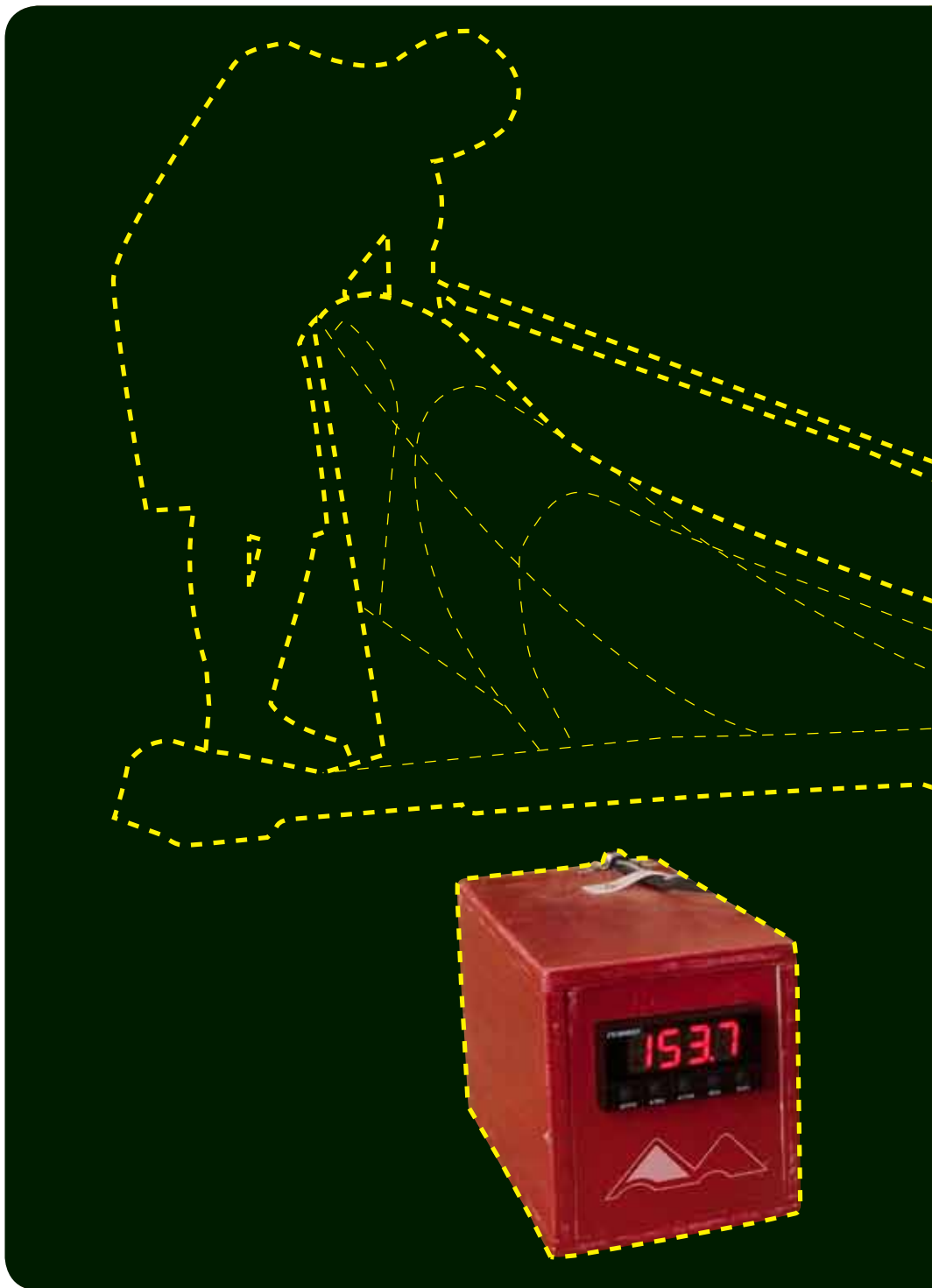




Barry Spanier: In 1984 when Fred Haywood and I were working together daily we shared ideas continuously about speed, speed, and more speed. One day he showed up at the MauiSails loft with a perfect wing to study and emulate. Sadly, this poor owl must have been hit by a car because he found it dead near the highway, and one wing was almost torn from the body. Being a respectful Hawaiian, he made sure to bury and revere the remains but kept the torn off wing for us to study.

I have spent many hours handling and feeling this perfect 'design' move through the air and still continue to compare our efforts to create this kind of aerodynamic perfection out of carbon and plastic with what can be learned in nature.

Find out more about the Owl's Wing on www.mauisails.com in the video section.

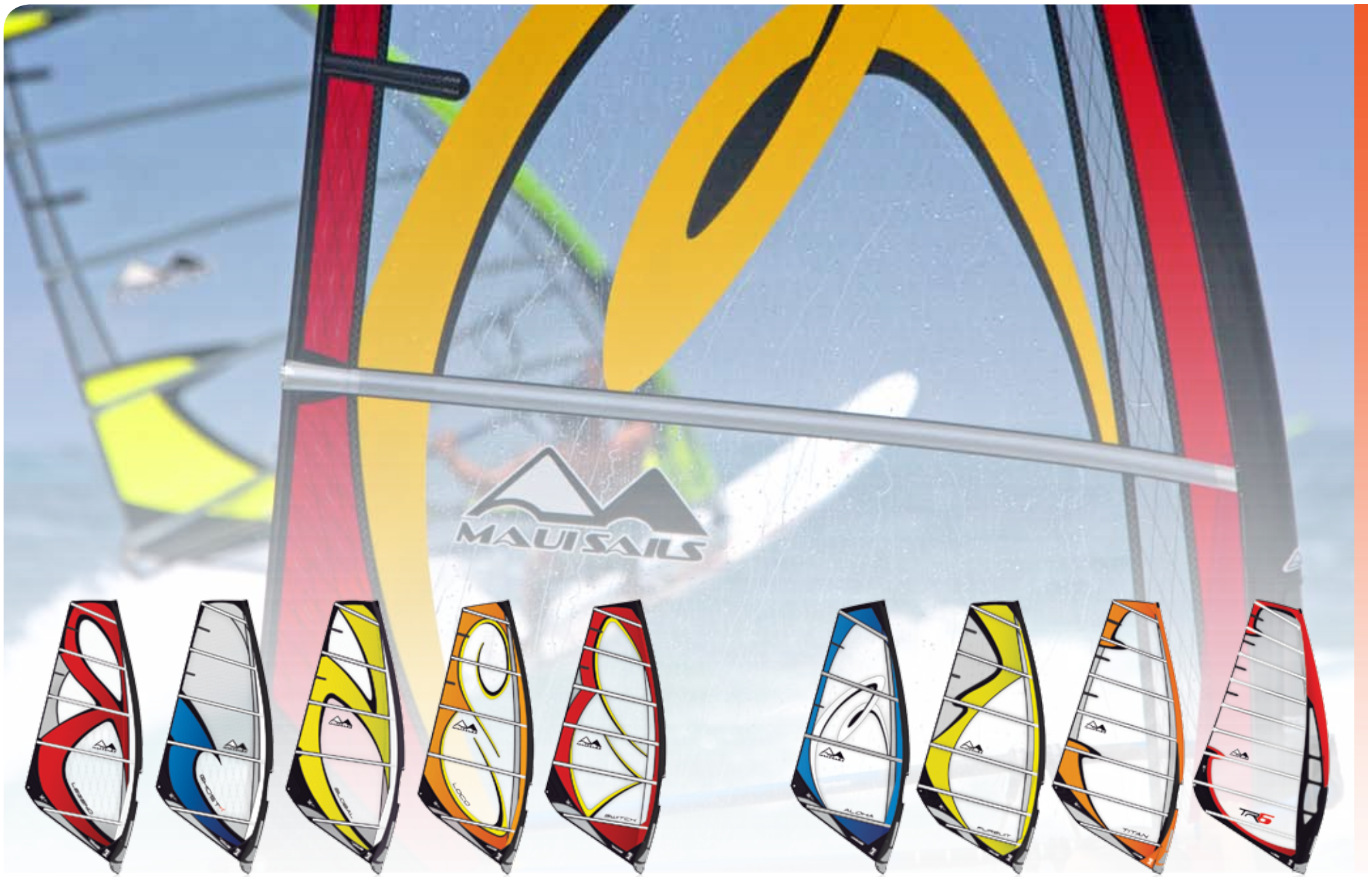


We realize the importance of maintaining a consistent, smooth feel, obtained by designing in the appropriate rig tension from one sail size to another. In the past, achieving this was largely trial-and-error, based on rider feedback. But we wanted to quantify these properties and establish a useable formula relating rig tension to a sail's "feel" and handling characteristics. To accomplish this we use a custom-made, high accuracy load cell apparatus to measure overall rig tension in all our sail lines and have created a data base where we relate each sail size to the others.

The results have been significant. You can sail a 5.0 Legend all morning until the wind cranks up in the afternoon and you need to rig down to a 4.2. Then you are instantly comfortable because each size maintains the same smooth, soft, breathable feeling rather than getting stiff and twitchy. Through a combination of scientific methodology and rigorous on-the-water testing we have been able to directly pin point the shaping relationships that give MauiSails that great feeling and performance and carry them progressively throughout each sail range.

Aloha,
Artur Szpunar





MAUISAILS



LEGEND
3.3|3.7|4.0|4.2|4.5|4.7|5.0|5.3|5.7|6.1
SIDE-SHORE WAVE



GHOST^{XT}
5.0|5.3|5.7|6.1|6.7
TECHNORA WAVE



GLOBAL
4.0|4.2|4.5|4.7|5.0|5.4|5.8|6.2|6.8
ON-SHORE WAVE



LOCO
4.8|5.2|5.6|6.0|6.4
FREESTYLE



SWITCH
4.8|5.2|5.6|6.0|6.4|7.0|7.5
BUMP'N'JUMP



ALOHA
4.5|5.0|5.5|6.0|6.5|7.0|7.5
BEGINNER FREERIDE



PURSUIT
5.5|6.0|6.5|7.0|7.5|8.0|8.5
NO CAM FREERIDE



TITAN
6.0|6.5|7.0|7.5|8.0|
8.5|9.0|9.5|10.0|11.0
FREERACE (2/3 CAM)



TR-6
4.7|5.1|5.5|5.9|6.3|6.6|
7.0|7.6|8.4|9.2|10.0|11.0|12.0
SLALOM / FW
* SIZES 5.9 - 12.0 ARE AVAILABLE
IN TECHNORA VERSION (TR-6")

2010 Sail Range





01 LEGEND

3.3 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.3 | 5.7 | 6.1

side-shore wave

Some would say that a legend is a story that is set in stone, a grand tale of the best in the past. But MauiSails™ is not satisfied with leaving things as they were, and always seeks to bring steady improvements and performance value to their finest pure wave sail ever.

Building off of the test and contest winning Legend range of 2009, we have taken the concept of the soft feel and slippery power to new levels. The Legend represents the cutting edge in wave sail design with a balanced forward-oriented power point for hard-driving bottom turns and flawless release twist profile for radical, gouging top turns. Stylish graphic appearance combined with structurally effective material use and location, continue to evolve in Artur Szpunar's creative imagination. Small detail upgrades make the surface as smooth and efficient as possible.

By evaluating the tension using a custom load cell device our design team of Barry Spanier, Phil McGain, and Artur Szpunar have been able to manage the tension/shape balance through the entire range so the feel you get from size to size is consistent and dependable. The accurate tension measurements are a superb way of gauging the stiffness or softness in relation to sail area and mast type/length. Combined with regular one-on-one water testing, it is possible to have each size deliver a common 'feel' so transition from one to the other is easy and dependable.

Tough new tack area skid pads, refined load point attachments for the batten tensioners, continued use of the highest grade U.S. manufactured X-ply materials in 100% of the sail body, and new batten tapers especially designed around the softer shapes all contribute to the legendary evolution and should bring a smile to any dedicated wave sailor interested in being part of the MauiSails experience for 2010.



02 GHOST^{XT}

5.0 | 5.3 | 5.7 | 6.1 | 6.7

technoraTM wave

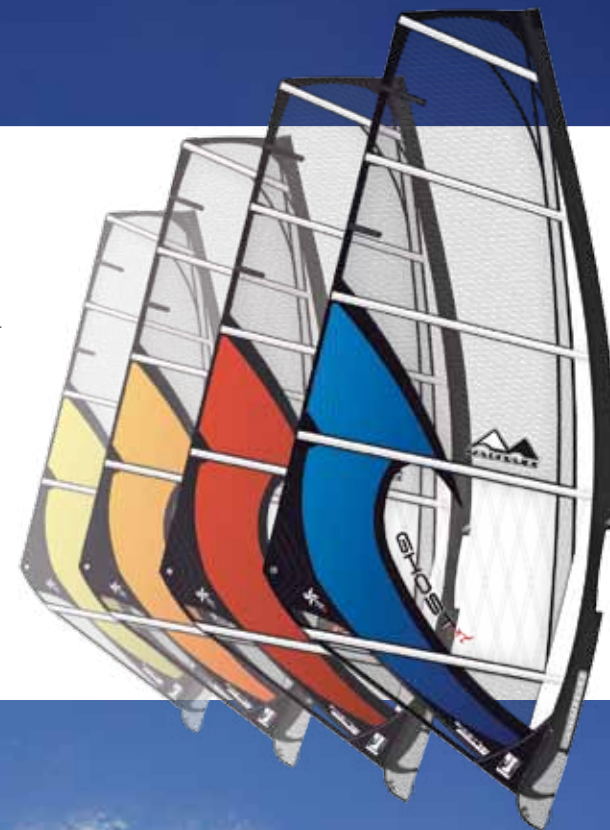
For 2010, MauiSails introduces a specialty, ultra-light, TechnoraTM wave sail called the Ghost XT. The name says it all. The Ghost XT provides surreal, barely there, lightweight handling, together with good power for low wind wave sessions.

Co-Sail Designer Art Szpunar had these comments about the new and exciting design: "After using the TechnoraTM scrim in our XT series race sails for the past two seasons and noticing the material's excellent combination of ultra-light weight and good durability, we couldn't resist making some wave protos. I ended up using a 5.3 Ghost XT proto for countless big wave, light wind sessions this last winter and fell in love with the sail".

The Ghost XT will be the perfect sail for those days with smooth surf, and for all sailors looking for that extra edge while wave sailing.

What is TechnoraTM

TechnoraTM is a very strong and light para-aramid fiber. Its tensile strength to weight ratio is 3x greater than that of fiberglass, polyester or nylon yarns which are other common fibres used in laminate sail cloth. TechnoraTM also has excellent fatigue resistance which means that it holds up very well to repeated loading, flexing, abrasion and UV. The TechnoraTM laminate cloth used in the Ghost XT provides the ultimate in light weight and stability with good durability.





03 GLOBAL

4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.4 | 5.8 | 6.2 | 6.8

on-shore wave

The MauiSails Global continues to grab the attention of sailors and testers worldwide as it is discovered to be an ideal choice for on-shore and bump and jump conditions most often found in average sailing conditions. Creating a wave sail that generates smooth power that is manageable at all times is always a challenge. This year we have responded by designing in a light feel that can be enjoyed during a wave maneuver while still maintaining the superb power and handling. You can punch through ragged whitewater and be ready to catch those wind driven waves.

The graphic treatment provides for a large stable film window view and continues the evolution of the Global design theme of 2009. New tack area chafe materials, wrinkle reducing leech load point attachments, US made X-Ply™ materials, and shape driven batten tapers round out the features for 2010 performance.

If you are looking for a most excellent power wave sail that manages a wide range of conditions with a docile character, Global is the best choice for you.





04 **LOCO** 4.8 | 5.2 | 5.6 | 6.0 | 6.4

freestyle sail

Building on feedback from our top freestyle riders like Taty Frans, Steven Van Broeckhoven, and Xenia Kessler, we have paid special attention to the many small things that make the difference for making the wild new moves that they continue to develop. Freestyle demands precise tension control and different twist character to be easy and consistent. Small outline changes to raise the foot, shaping to even the leech tension for those backwards flying moves, and structural panel arrangements to prevent weird maneuver damage, all flowed from our communication with the sailors.

A twisty new graphic, tough tack area reinforcements, the smoothest ever batten tension attachments, and a continued focus on durability make the 2010 Loco a perfect choice for top performance at a reasonable cost. Super light, stable, film construction translates into acceleration, speed, and controlled maneuvers that will keep any youthful performer happy at the highest level.





05 SWITCH

4.8 | 5.2 | 5.6 | 6.0 | 6.4 | 7.0 | 7.5

bump'n'jump sail

Most of the aspects of super fun windsurfing are enhanced when you choose a Switch for your quiver. If you enjoy high speed blasting but also want great maneuverability and bump and jump characteristics, it's time to Switch. Excellent skin tension, tube/rod battens, and a stable draft position are the ingredients for controlled jumping, super-x tricks, and high speed. The test team continues to evolve the Switch to be smooth handling and better balanced than ever. Leech tension adjustment, separate from rig tension, has been the key to the continual upgrades in performance since we did this for the development of the

TR-3 racing sails, and this makes it easy to achieve the delicate soft feel while still maintaining the excellent power and acceleration.

The Switch will amaze you with speed and maneuverability uncommon in RAF style designs. And if you want to throw a big loop? No problem to succeed and sail away.





06 ALOHA

4.5 | 5.0 | 5.5 | 6.0 | 6.5 | 7.0 | 7.5

beginner freeride

Aloha is a word with many meanings; value, economy, friendliness, function... not to be confused with the Hawaiian word for welcome, good-bye, and love. You will fall for the super light five batten Aloha like it was an old friend, and find amazing value in the performance and function of this highly developed and tested simple RAF. One of Art Szpunar's better graphic designs curves across the surface, bringing to mind a fanciful 'M' for Maui in bold contrasting colors.

The five batten layout evolved from the successful Global wave series and has been especially adapted to low tension settings to make rigging and tuning easier than ever. Smaller sizes are naturally adapted to a lighter four batten layout. Added cutout depth is the key to getting the boom head correctly attached with a minimum of effort.



07 PURSUIT

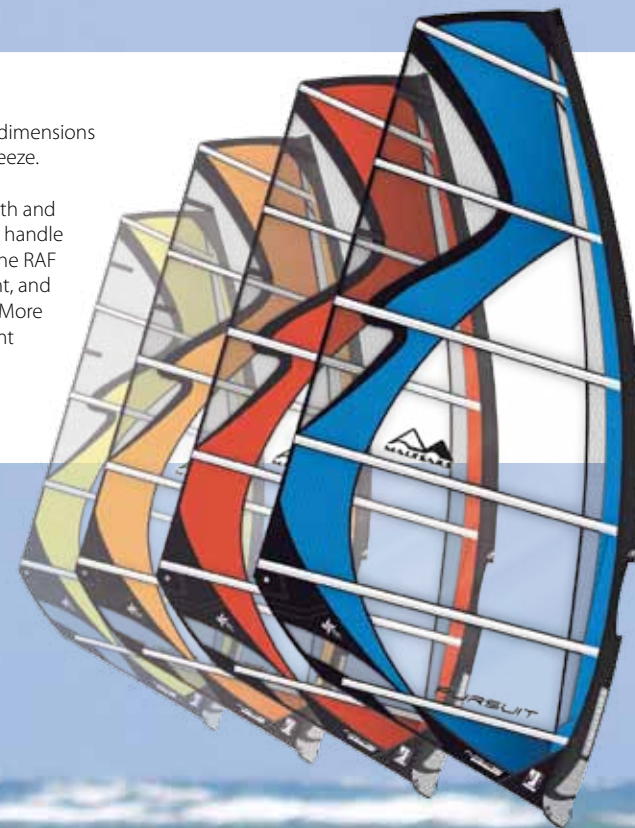
5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5

no-cam freeride

The definition of the word 'pursuit' brings to mind an effort to catch someone or something, coming from behind, and passing. The Pursuit is the fastest sail in its class, often proven in magazine tests and reported by happy sailors. The excellent wind range comes from a very even shape distribution that promotes a smooth transition from the fullness of the lower sections to the flatter upper sections. The relatively low total luff curve values are responsible for the easy rigging character and simple tuning. Load cell measured downhaul can be half of what otherwise may be expected so there is less work

downhauling. New luff cutout dimensions make attaching the boom a breeze.

The 2010 Pursuit is super smooth and easy to sail, with great range to handle a broad variety of conditions. The RAF design is simple to rig, very light, and always right for smooth jibing. More XPly™ material in logical efficient forms will add many hours of enjoyment and visual pleasure.



08 TITAN

6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 11.0

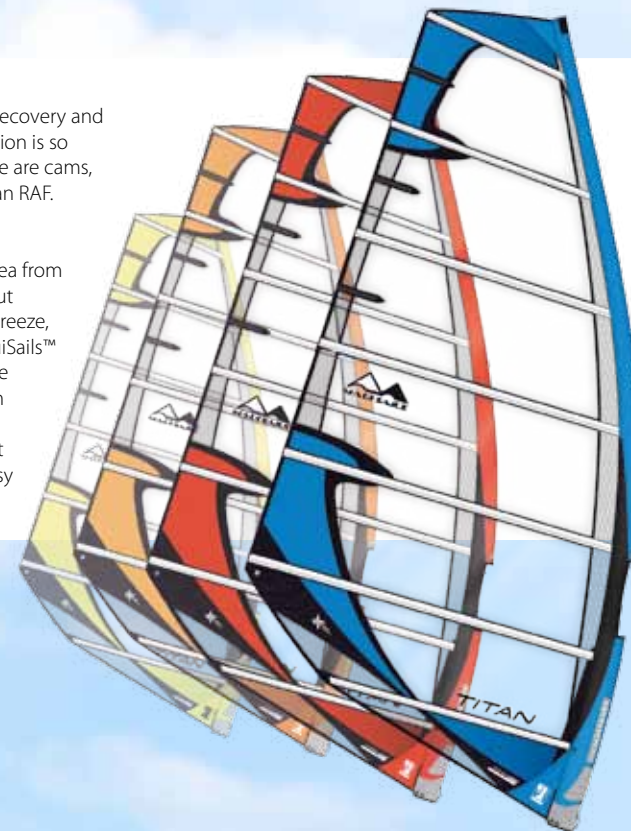
2/3 cam freerace

Titan is the perfect design for fast free riding and Formula Experience racing. Continual development and testing has further enhanced the desirable soft feel and easy maneuvering that is already well known. Formula Experience racers are sure to find the refined, slightly flatter profile perfect for top speed and easy acceleration. Adjustments to leech seams make the twist character even and smooth, with only moderate downhaul required to achieve the correct setting.

A bold graphic look exhibits the increased use of X-Ply materials in a striking recognizable pattern. Load focused attachments in the batten tensioner system perfectly smooth the trailing edge correctly tack to tack. Four tube/rod battens add to the general shape stability and light weight. The conical sleeve design

never holds water and makes recovery and waterstart after falls easy. Rotation is so smooth, you have no idea there are cams, making jibing as much fun as an RAF.

Tough new anti-chafe material protects the sleeve and tack area from damage. A deeper boom cutout makes attaching the boom a breeze, especially when using the MauiSails™ custom boom head design. The integrated lightweight loop-on clew pulley adds a low friction solution to outhaul adjustment that is full race capable and easy to use.





09 TR-6

4.7 | 5.1 | 5.5 | 5.9 | 6.3 | 6.6 | 7.0 | 7.6 | 8.4 |
9.2 | 10.0 | 11.0 | 12.0

slalom formula windsurfing

MauiSails' entry for the 2010 racing season is TR-6, the perfect evolution of easy to manage power and acceleration, comfortable handling, and impressive speed. World Championship results in Formula, and Pro Slalom and Speed wins are in the lineage of the TR design catalogue, and the feedback and observations of the competitors who test and perform with them provides the foundation of the development. Each year there is a search for the elusive ideal, and the TR-6 is our statement.

Small adjustments to the outline increase tip span, reduce boom length, and in combination with batten angle changes, make the twist even and correct for each situation. A flexible material panel in the lower sleeve evens tension and allows for slightly more cam pressure with positive rotation. Sleeves are smooth and the powerful lower sections are stable for high end control and speed.

The continued use of our custom load cell is developing a data base which helps us to maintain the same feel throughout the range and to make the transition from size to size and mast to mast progressive and dependable, assuring similar handling character and performance. By utilizing this scientific method of development we are able to define the tension required to adequately form the skin of the foil, bend the mast appropriately, and balance luff curve against twist. A soft feeling responsive wing is the final result.

TR6

Whether you are looking for superb light wind Formula with our outstanding 12.0, excellent mid-range Slalom performance, or maxed out overpowered Speed sailing, the TR-6 will blow you away with its fantastic all around characteristics, made for sailing that is fast... and fun.





10 TR-6^{XT}

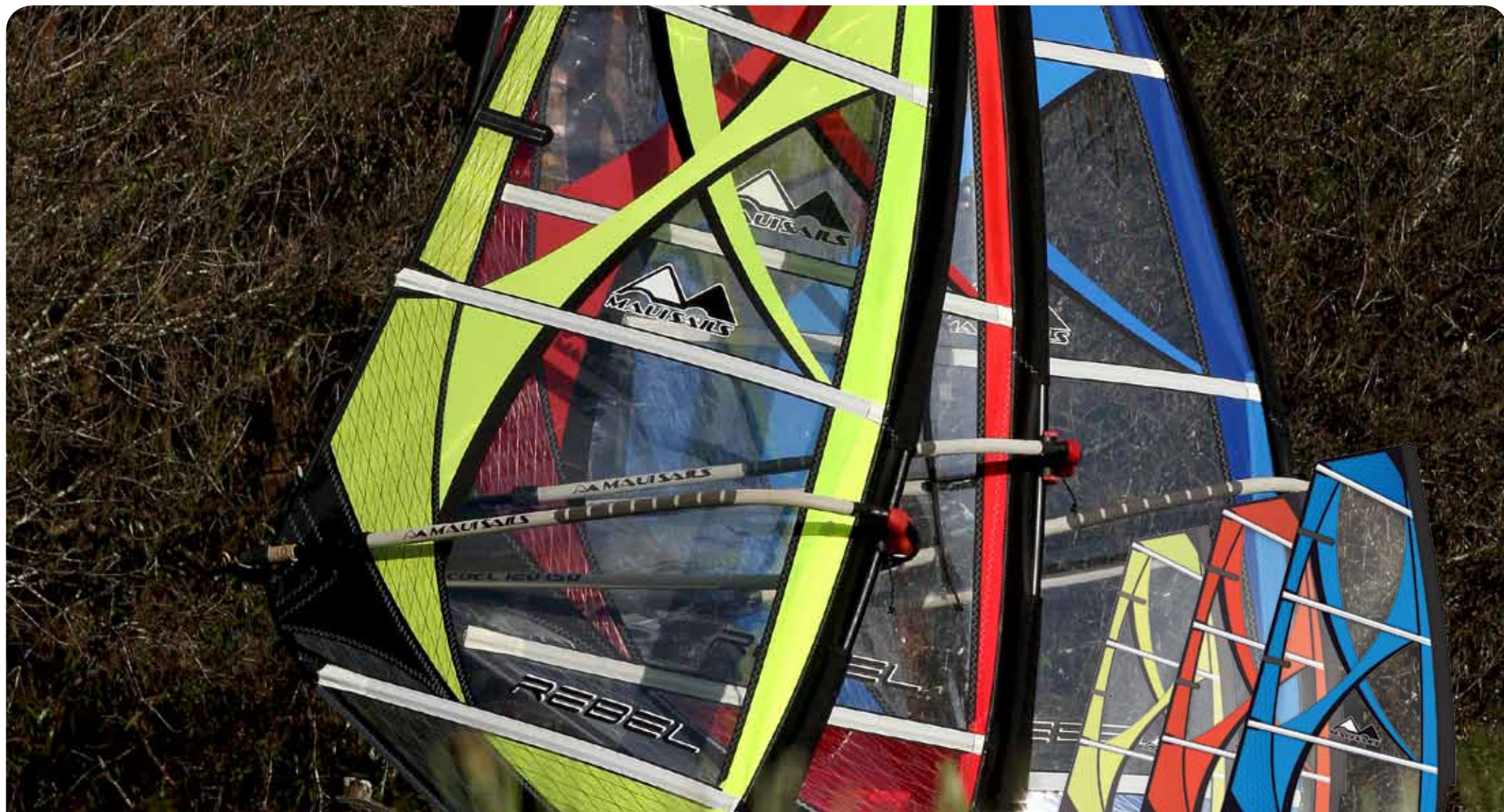
5.9 | 6.3 | 6.6 | 7.0 | 7.6 | 8.4 | 9.2 | 10.0 | 11.0 | 12.0

technora™ race sail

We will continue to use ODL04 Technora™ X-Ply from Dimension Sailcloth for our larger Slalom and Formula sails in the XT range. Significant weight savings, superb durability, and World Champion

performance supply the added value and make the TR-6 XT the perfect choice for high level competition. The MauiSails SRS 100% Carbon race masts and the super-stiff MauiSails Monocoque Carbon Race Booms complete the perfect rig package... get ready to race and win.





11 REBEL

2.2 | 2.5 | 3.0 | 3.5 | 4.0

kids light sail

The Rebel is designed with the developing skills and highly experimental nature of Kids in mind. The Rebel's unique blend of softness and just the right amount of skin tension generates confidence because the sail is stable and easy to handle.

Built to sail within its range, not over powered, it's an ideal choice for kids to grow their experience in windsurfing.





12 INSPIRE

1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.5

school sail

The Inspire is designed for easy sailing to enhance the developing skills of the Beginner and First Time Sailors. The unique blend of softness and just the right amount of skin tension instills confidence because the sail is so calm and easy to handle.

The Inspire is purpose built to sail within its personality, not over powered, and is an ideal choice for Schools attracting aspiring sailors ready to try windsurfing and grow their skill sets.

Colorful Dacron™ materials in a recognizable graphic design, and a tough vinyl window make these little sails perfect for mastering the basics of the sport.





CARBON BOOMS

140-200 | 170-230 | 190-240 | 230-290 | 250-310

state of the art carbon booms



PERFORMANCE ALUMINUM BOOMS

120-150 | 150-190 | 140-190 | 160-210 | 180-230 | 200-250 | 230-280

performance you trust



CARBON BOOMS

140-200 | 170-230 | 190-240 | 230-290 | 250-310

state of the art carbon booms

Using moulds developed and owned by MauiSails, and designs with unique bends and diameters, assures that our full range of carbon booms is exclusive to MauiSails in every regard. All plastic parts are designed, developed, and molded to create these special products, the recognized **highest standard of carbon booms in the windsurfing industry today.**

Huge steam heated press moulds are the core of the complex process. These **state-of-the-art carbon booms** are formed using pre-preg carbon fiber to produce the best weight to stiffness possible in composite carbon construction. The tested and proven proprietary frontend is designed to perfectly mate with the 40mm diameter monocoque boom arm. Each boom size is purpose specific, from the Carbon Race 250-310 with large diameter tubes and continuous tail piece with built-in adjustable outhaul pulley system, to the Wave 140 with full length 30mm grip for super hand comfort and control.

CARBON BOOMS

technical features



190 backend **chafe protector**



front end **moving lock**



clip body **double pin**



- High Stiffness to Weight with double tapered tubes. Race booms are 40mm at the front and back, with 35mm diameter backends, and are the stiffest in the industry.
- 50 - 60 cm length adjustment covers a large number of sail sizes.
- Smaller 30mm diameter of the wave booms makes for comfortable grip.
- Monocoque Construction in Pre-Preg Carbon for maximum stiffness and durability.
- Efficient energy Transfer with MauiSails designed Front End configured for Formula Race Boom performance and available on all MauiSails booms.
- MauiSails Front End designed for easy on and off function.
- Boom adjustment clip bodies modified for greater durability and strength.
- MauiSails Front End features 25% more surface contact (120mm) with mast to reduce stress on mast connection with zero slippage.
- Included Adjustable Outhaul kits and Wide Tail backend with Race booms.
- Redesigned Double Pin Rear End Clips increase durability, stiffness and torsion rigidity.

- Molded Precision produces perfect tolerance between the Boom Body and Rear End for smooth and easy adjustment.
- High Performance grip surface is durable and easy on the hands.
- TEAM tested and approved Boom Arm Curves and Overall Width (Arm to Arm distance) maximizes sail performance.



PERFORMANCE ALUMINUM BOOMS

120-150 | 150-190 | 140-190 | 160-210 | 180-230 | 200-250 | 230-280

performance you trust

The MauiSails philosophy of designing complete high performance windsurfing rigs includes our Performance Boom range. The MauiSails Team has pioneered innovative features which bring value and performance to the aluminum boom component.

At the top of the features list is our **unique Front End design**, the result of more than two years of development. The MauiSails Front End began as a Carbon Race Boom specific design, but has been cleverly adapted to our Performance Aluminum Boom range.

International Sales Manager, Rick Whidden, says, "We have one Front End strong enough to absorb the loads transferred through the Front End of a Carbon Race Boom. Now any windsurfer, on any boom size or configuration, aluminum or carbon fiber, can have a Front End with the same durability required for the demands of the longest Carbon Race Boom. The original idea was always to apply the Front End to both our Aluminum Boom and our Carbon Boom."

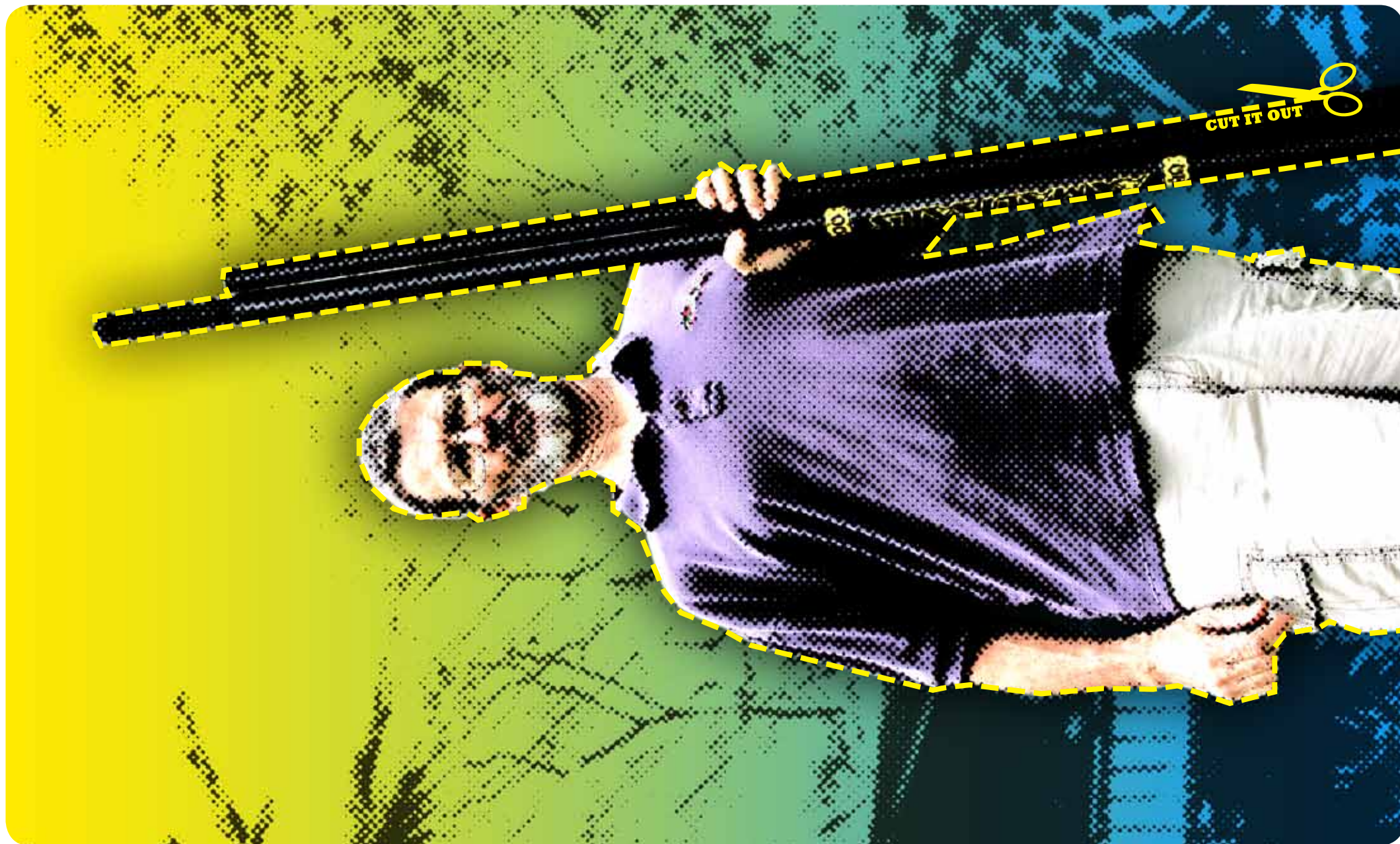
The MauiSails Front End is **lightweight, built in super tough plastics**, and designed to absorb and release high energy loads from fully powered sailing. By creating a specific adaptation for connecting aluminum boom arms as a complete component, the MauiSails Team designed the Performance Aluminum Boom Front End to fit over the aluminum boom arms instead of inside, a desirable alternative to many aluminum booms on the market today. The major benefit is the stiffness we get from a large diameter molded tube connecting the two arms on the MauiSails Performance Aluminum Boom. In addition, the Front End design features more surface area to keep loads on the mast low, and a 'snap on' function which makes the boom attachment the easiest task in the rigging process.

Adding to the performance advantage of the MauiSails Front End is the Team's selection of **heat treated T-8 stiffness aluminum boom arms** with specific bends for each model in the Performance Aluminum Boom range. Testing to discover the optimum boom curves to maximize the best performance and range of the sails has defined the curves of the new MauiSails Performance Aluminum Boom. A super durable Boom Grip with comfortable 32 mm outside diameter, makes the Performance Aluminum Boom a joy to hang on to for extended windsurfing sessions. Integrated Harness Line indicators make side to side harness line positioning accurate and repeatable.



Continuous Back Ends are designed to deliver the optimum stiffness to weight at the back of the boom. Convenient Loop and Go outhaul attachments are on the smaller sizes and triple pulley setups with integrated cleats for adjustable outhaul system adaptability are available in the longer models. A Single Push Pin adjustment is matched to length indicated back ends with 50 cm range for ease of use and precise fit to the outhaul dimension of the sail.

At MauiSails, **our philosophy is the integration of components to maximize the performance of the rig**. The MauiSails Performance Aluminum Boom is a positive step in that direction. Delivering high value to performance with innovation features is the MauiSails trademark and expressed to its most logical conclusion in the Performance Aluminum Boom range.



SRS MASTS

synergy rig system

The MauiSails SRS masts are the core of your rig. **MauiSails SRS constant curve masts** produce energy like a coiled spring. They flex consistently and react fast. This promotes even tension along the entire leech and develops even pressure over the entire rig. The reward is the **release of stored energy as you accelerate**. By design, the relationship of sail and mast is guaranteed when both are imagined as one.



By integrating the ferrule structure into the lay-up of the lower section of the mast, and by building on specialized two-piece mandrels using high modulus prepreg carbon, we are able to favorably influence the weight/strength ratio. Controlled high temperature curing guarantees maximum durability.

SRS Wave 100 RDM

The SRS Wave 100 RDM is for those who demand the ultimate in performance, durability and responsiveness in high performance radical conditions. Light weight and constant curve. Legend, Global, Loco and Switch are designed to perform to their max on the SRS Wave 100 RDM.

SRS Wave 75 RDM

Hard Core wave sailors and advanced freeride sailors who want light weight and the quickest gust response in a reduced diameter (RDM) wave mast designed to match all MauiSails. Legend, Global, Loco and Switch all fit and perform well on the SRS Wave 75 RDM.

SRS Wave 50 RDM

Combining a lightweight top with super robust bottom, the SRS Wave 50 RDM delivers low swing weight with maximum durability at an affordable price. With a MauiSails designed bend curve; the SRS Wave 50 RDM matches the high performance nature of Legend, Global, Switch and Loco designs with perfect synergy for radical sailing.



Use of the proper mast (**Synergy Rig System**) produces a steady, light feeling rig that comes from having the foil at the correct angle of attack, regardless of the changing pressure on the rig. You feel the entire leech, and have the impression the sail is easily slipping through the air mass, scooping as much power as you can handle, and all in perfect balance.

SRS Race 100

Formula Racers and advanced sailors who want the lightest and quickest gust response mast. The SRS Race 100 is for those who demand the absolute best in performance and sensation.

TR-6 and Titan are used on the SRS Race 100 to get maximum performance in all conditions.

SRS Carbon 75

Slalom Racers and advanced sailors who want a high performance to price mast designed to match top MauiSail ranges. Titan, Switch and Pursuit will all perform well on the SRS Carbon 75.

SRS Carbon 30

This is the mast for all entry level sailors who want a super durable mast at a bargain price. The SRS Carbon 30 is well suited to the Aloha and Pursuit, but will fit into all other MauiSails.

SRS Carbon 55

Intermediate to advanced sailors who want high performance at an affordable price designed to match all MauiSails freeride type sails through a broad spectrum of conditions. Pursuit and Aloha are designed for the SRS Carbon 55.

on the water and land



ACCESSORIES

on the water and land



Accessories on The Water.

MauiSails will supply you not only with high quality sails, masts and booms but also with all the other details necessary to go on the water. Harnesses, Harness Lines, Boom protectors, wide range of Footstraps and a lot more.

- Waist Pro Harness
- Loco Waist Harness
- Race Seat Harness
- Standard Footstrap
- Adjustable Footstrap
- Race Light Footstrap
- Uphaul
- Mast Base Pad
- Boom Protector
- Fixed Harness Lines
- Adjustable Harness Lines

Accessories on The Road.

MauiSails will also help you on the road. When you are traveling to your favorite spot and doing everyday activities, there are quiverbags, boardbags, boombags, and backpacks to make it easy and fun.

- Essentials Backpack
- Roadwarrior Computer Backpack
- Roof Rack Pads
- Tie Down Straps
- Boardbags
- Quiver Bags
- Everyday Sail and Mast Combo Bags
- Boom Bags

ACCESSORIES

specification

BOARD BAGS

MODEL	MAX BOARD LENGTH AND WIDTH
Wave 240 Boardbag	240 x 60 cm
Freestyle 245 Boardbag	245 x 70 cm
Slalom 250 Boardbag	250 x 80 cm
Freeride 260 Boardbag	260 x 85 cm
Formula 235 Boardbag	235 x 100 cm

BOOM BAGS

MODEL	DIMENSIONS
Wave Boom Bag	220 x 62 x 15cm
Race Boom Bag	290 x 70 x 20cm

QUIVER BAGS

MODEL	DIMENSIONS
Race 310 Quiver Bag	310 x 35 x 30cm
Slalom 260 Quiver Bag	260 x 35 x 35cm
Wave 220 Quiver Bag	220 x 35 x 35cm

HARNESS LINES

MODEL	AVAILABLE LENGTHS
FIXES	16"/41cm, 18"/46cm, 20"/51cm, 22"/56cm, 24"/61cm, 26"/66cm, 28"/71cm, 30"/76cm
ADJUSTABLE	20"-24", 22"-28", 26"-32"

WAIST PRO HARNESS



SIZE	A	B	C
Small	30	77	100
Medium	32	84	107
Large	34	90	112
X-Large	36	97	118

LOCO WAIST HARNESS



SIZE	A	B	C
Small	31	70	93
Medium	34	77	100
Large	36	84	107
X-Large	38	90	112

RACE SEAT HARNESS



SIZE	A	B
Small	28	75
Medium	29	80
Large	30	87
X-Large	31	92

**WAIST PRO
HARNESS**



**WAIST
PERFORMANCE
HARNESS**



**RACE
SEAT
HARNESS**



**STANDARD
FOOTSTRAP**



**ADJUSTABLE
FOOTSTRAP**



**RACE
FOOTSTRAP**



**FIXED
HARNESS
LINES**



**ADJUSTABLE
HARNESS
LINES**



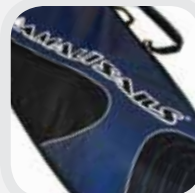
**ESSENTIALS
BACKPACK**



**ROAD
WARRIOR
COMPUTER
BACKPACK**



**BOARD
BAG**



**BOOM
BAG**



**MAUISAILS
T-SHIRTS**



**THE TEAM
SAILING
HAT**





LEGEND

side-shore wave

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
3,3	370	17	140	358	16	4	vario	5	0	3,00
3,7	370	17	144	372	2	4	vario	5	0	3,10
4,0	370	17	149	388	1	19	vario	5	0	3,20
4,2	370	17	155	396	1	27	vario	5	0	3,40
4,5	400	19	161	406	1	7	vario	5	0	3,50
4,7	400	19	163	408	-	8	fixed	5	0	3,60
5,0	400	19	168	419	-	19	fixed	5	0	3,70
5,3	400	19	175	429	-	29	fixed	5	0	3,80
5,7	430	21	183	443	-	13	fixed	5	0	3,90
6,1	430	21	191	455	-	25	fixed	5	0	4,10

GHOST^{XT}

technora™ wave

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
5,0	400	19	168	419	-	19	fixed	5	0	3,20
5,3	400	19	175	429	-	29	fixed	5	0	3,40
5,7	430	21	183	443	-	13	fixed	5	0	3,60
6,1	430	21	191	455	-	25	fixed	5	0	3,80
6,7	460	25	202	467	-	7	fixed	5	0	4,00

GLOBAL

on-shore wave

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
4,0	370	17	153	383	1	14	vario	5	0	3,20
4,2	370	17	158	391	1	22	vario	5	0	3,30
4,5	400	19	161	400	4	4	vario	5	0	3,40
4,7	400	19	167	406	-	6	fixed	5	0	3,50
5,0	400	19	173	416	-	16	fixed	5	0	3,60
5,4	400	19	177	425	-	25	fixed	5	0	3,70
5,8	430	21	186	444	-	14	fixed	5	0	3,90
6,2	430	20	196	450	-	20	fixed	5	0	4,10
6,8	460	25	205	467	-	7	fixed	5	0	4,50

LOCO

freestyle sail

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
4,8	400	19	165	416	-	16	fixed	5	0	3,40
5,2	400	19	173	428	-	28	fixed	5	0	3,50
5,6	430	21	177	442	-	12	fixed	5	0	3,70
6,0	430	21	186	459	-	29	fixed	5	0	3,90
6,4	460	25	193	466	-	6	fixed	5	0	4,10

SWITCH

bump'n'jump sail

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
4,8	400	19	168	421	1	22	vario	6	0	3,70
5,2	430	21	177	430	4	4	vario	6	0	3,80
5,6	430	21	184	437	-	7	fixed	6	0	3,90
6,0	430	21	193	447	-	17	fixed	6	0	4,10
6,4	460	25	205	461	-	2	fixed	6	0	4,30
7,0	460	25	212	476	-	16	fixed	6	0	4,60
7,5	460	25	218	488	-	27	fixed	6	0	4,80

ALOHA

beginner sail

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
4,5	430	21	160	411	23	4	vario	4	0	3,00
5,0	430	21	173	427	7	4	vario	4	0	3,20
5,5	430	21	182	442	-	12	fixed	4	0	3,50
6,0	430	21	193	455	-	25	fixed	5	0	3,80
6,5	460	25	202	468	-	8	fixed	5	0	4,00
7,0	460	25	208	480	-	20	fixed	5	0	4,20
7,5	460	25	220	488	-	28	fixed	5	0	4,50



PURSUIT

no-cam freeride

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
5,5	430	21	180	441	-	11	fixed	6	0	3,90
6,0	430	21	190	453	-	23	fixed	6	0	4,10
6,5	460	25	197	467	-	7	fixed	6	0	4,30
7,0	460	25	207	471	-	11	fixed	6	0	4,50
7,5	460	25	217	482	-	22	fixed	6	0	4,70
8,0	490	29	227	497	-	7	fixed	6	0	4,90
8,5	490	29	233	515	-	25	fixed	6	0	5,10

TITAN

2/3 cam freerace

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT
6,0	430	21	197	435	-	5	fixed	7	2	4,50
6,5	430	21	203	453	-	23	fixed	7	2	4,60
7,0	460	25	212	467	-	7	fixed	7	2	4,90
7,5	460	25	221	482	-	22	fixed	7	2	5,10
8,0	490	29	230	495	-	5	fixed	7	2	5,30
8,5	490	29	239	508	-	18	fixed	7	3	5,50
9,0	520	32	245	526	-	6	fixed	7	3	5,60
9,5	520	32	251	532	-	12	fixed	7	3	5,90
10,0	520	32	258	541	-	21	fixed	7	3	6,10
11,0	520	32	273	552	-	32	fixed	7	3	6,50

TR-6

race sail

SIZE	MAST	IMCS	BOOM	LUFF	HEAD EXT.	DOWNHAUL	HEAD TYPE	BATTENS	CAM	WEIGHT	TR-6 ^{XT} WEIGHT
4,7	370	17	164	388	-	18	fixed	8	4	4,50	-
5,1	400	19	176	408	-	8	fixed	9	4	5,00	-
5,5	400	19	186	418	-	18	fixed	9	4	5,10	-
5,9	430	21	188	438	-	8	fixed	9	4	5,20	5,10
6,3	430	21	198	447	-	17	fixed	9	4	5,50	5,30
6,6	460	25	203	466	-	6	fixed	9	4	5,70	5,50
7,0	460	25	213	473	-	13	fixed	9	4	5,90	5,70
7,6	460	25	226	483	-	23	fixed	9	4	6,30	6,00
8,4	490	29	237	504	-	14	fixed	9	4	6,70	6,40
9,2	520	32	248	525	-	5	fixed	9	4	7,00	6,70
10,0	520	32	264	536	-	16	fixed	9	4	7,40	7,00
11,0	550	37	276	562	-	12	fixed	9	5	7,90	7,40
12,0	550	37	291	583	-	33	fixed	9	5	8,40	8,00

TR-6^{XT} is available in size from 5.9 to 12.0. All specification parameter are the same as in TR-6.

REBEL

kids sail

SIZE	MAST	IMCS	BOOM	LUFF	BASE	HEAD TYPE	BATTENS	CAM	WEIGHT
2,2	310	-	118	272	4	vario	4	0	2,00
2,5	310	-	131	304	4	vario	4	0	2,20
3,0	310	-	137	338	28	vario	4	0	2,40
3,5	370	-	143	351	4	vario	4	0	2,60
4,0	370	-	160	344	4	vario	4	0	2,80

INSPIRE

school sail

SIZE	MAST	IMCS	BOOM	LUFF	BASE	HEAD TYPE	BATTENS	CAM	WEIGHT
1,5	310	-	115	195	4	vario	1	0	1,20
2,0	310	-	120	221	4	vario	1	0	1,40
2,5	310	-	135	250	4	vario	1	0	1,60
3,0	310	-	150	281	4	vario	2	0	2,10
3,5	310	-	157	313	4	vario	3	0	2,40
4,0	400	-	162	343	4	vario	3	0	2,60
4,5	400	-	167	372	4	vario	4	0	2,90
5,0	400	-	177	392	4	vario	4	0	3,10
5,5	400	-	186	422	22	vario	4	0	3,20
6,5	460	25	202	479	19	fixed	4	0	4,40

MauiSails masts are constant curve and easier to downhaul and you can use with a variety of downhaul and outhaul settings. Our masts allow the shape in the bottom of the sail to remain in one place and not move back when getting overpowered. This is why we suggest using MauiSails SRS Mast to achieve the best performance and satisfaction on the water.

Downhaul is a distance measured from the base of the mast to the front lower corner of the tack pulley on the sail. This is the absolute accuracy of your settings and will help you to achieve fine tuning. **Top extension** parameter is used only in sails with adjustable head (vario top) and equals the distance measured from the top of mast sleeve to tip of mast.



CARBON BOOMS

State of the art carbon booms

	MIN LENGTH	MAX LENGTH	MAX WIDTH	OUTSIDE DIAMETER	FRONTEND	BACKEND	SAIL RANGE	WEIGHT
Carbon Wave 140	140	200	45.5	30.0	MauiSails	Loop'n'go	3.3 - 6.0	2.20
Carbon Wave 170	170	230	50	30.0	MauiSails	Loop'n'go	4.8 - 7.6	2.54
Carbon Race 190	190	240	55	32.5	MauiSails	3 pulley with cleat	5.5 - 8.0	3.35
Carbon Race 230	230	290	68	32.5	MauiSails	Wide race triple pulley	7.6 - 11.0	3.80
Carbon Race 250	250	310	68	32.5	MauiSails	Wide race triple pulley	9.0 - 12.0	4.10



PERFORMANCE ALUMINUM BOOMS

performance you trust

	MIN LENGTH	MAX LENGTH	OUTSIDE DIAMETER	FRONTEND	BACKEND	WEIGHT
Rebel 120	120	150	30.0	Production	Loop'n'Go	1.98
Inspire 150	150	190	30.0	Production	Loop'n'Go	2.38
Wave 140	140	190	32.0	MauiSails	Loop'n'Go	2.60
Wave 160	160	210	32.0	MauiSails	Loop'n'Go	2.80
Slalom 180	180	230	32.0	MauiSails	3 Pulley	3.06
Freerace 200	200	250	32.0	MauiSails	3 Pulley	3.17
Race 230	230	280	32.0	MauiSails	3 Pulley	3.35



SRS MASTS

synergy rig system. constant curve

	SIZE	IMCS	CARBON %	WEIGHT	RACE	FREERACE	FREERIDE	WAVE
SRS Carbon 30	370	17	30	2.00	-	-	x	-
	400	19	30	2.10	-	-	x	-
	430	21	30	2.20	-	-	x	-
	460	25	30	2.35	-	-	x	-
	490	29	30	2.50	-	-	x	-
SRS Carbon 55	400	19	55	1.85	-	-	x	-
	430	21	55	2.10	-	-	x	-
	460	25	55	2.25	-	-	x	-
	490	29	55	2.40	-	-	x	-
SRS Carbon 75	400	19	75	1.65	x	x	x	-
	430	21	75	1.80	x	x	x	-
	460	25	75	2.00	x	x	x	-
	490	29	75	2.25	x	x	x	-
	520	32	75	2.40	x	x	x	-
SRS Carbon 100	430	21	100	1.40	x	x	-	-
	460	25	100	1.55	x	x	-	-
	490	29	100	1.85	x	x	-	-
	520	32	100	2.15	x	x	-	-
	550	36	100	2.35	x	x	-	-
SRS Wave 50 RDM	370	17	50	1.85	-	-	x	x
	400	19	50	2.05	-	-	x	x
	430	21	50	2.30	-	-	x	x
SRS Wave 75 RDM	370	17	75	1.50	x	-	x	x
	400	19	75	1.75	-	-	x	x
	430	21	75	2.00	-	-	x	x
	460	25	75	2.25	-	-	x	x
SRS Wave 100 RDM	400	19	100	1.50	-	-	x	x
	430	21	100	1.80	-	-	x	x
	460	25	100	2.00	-	-	x	x
SRS Rebel 310 RDM	310	n/a	n/a	n/a	-	-	x	-
SRS Inspire 400 RDM	400	n/a	n/a	n/a	-	-	x	-



dealer

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Our **Experience**
Your **Reward**