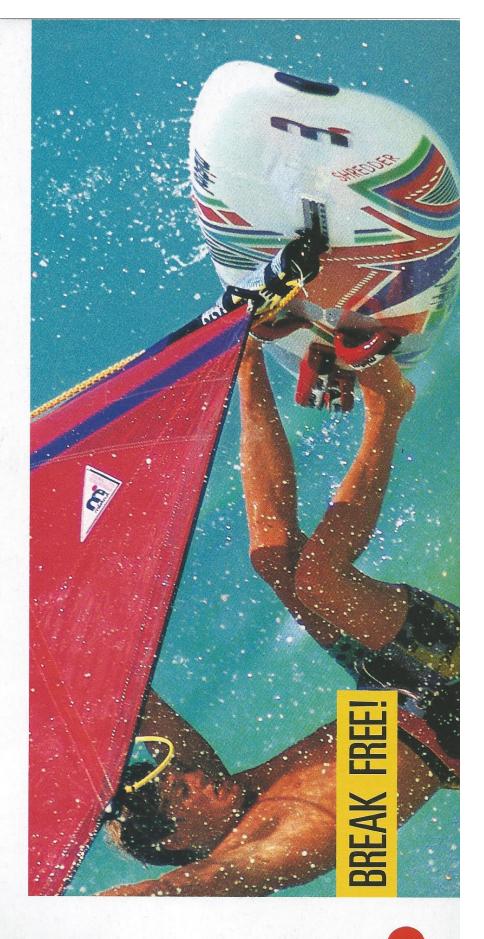
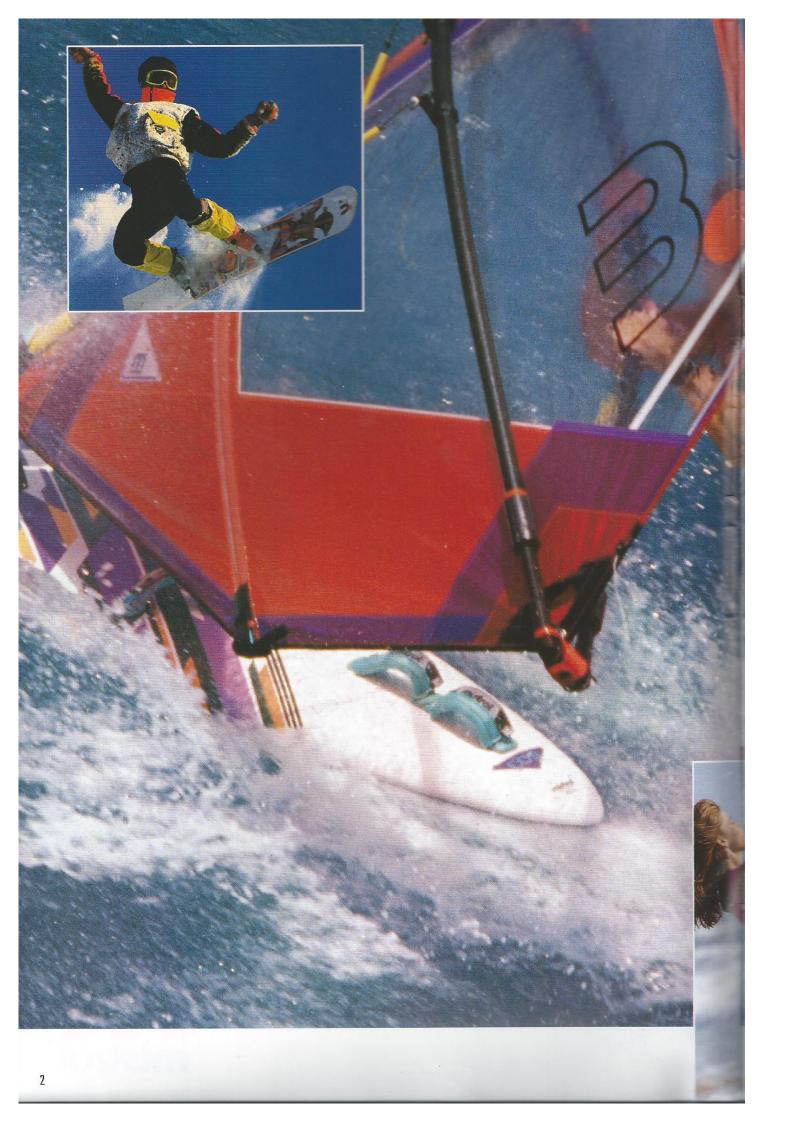
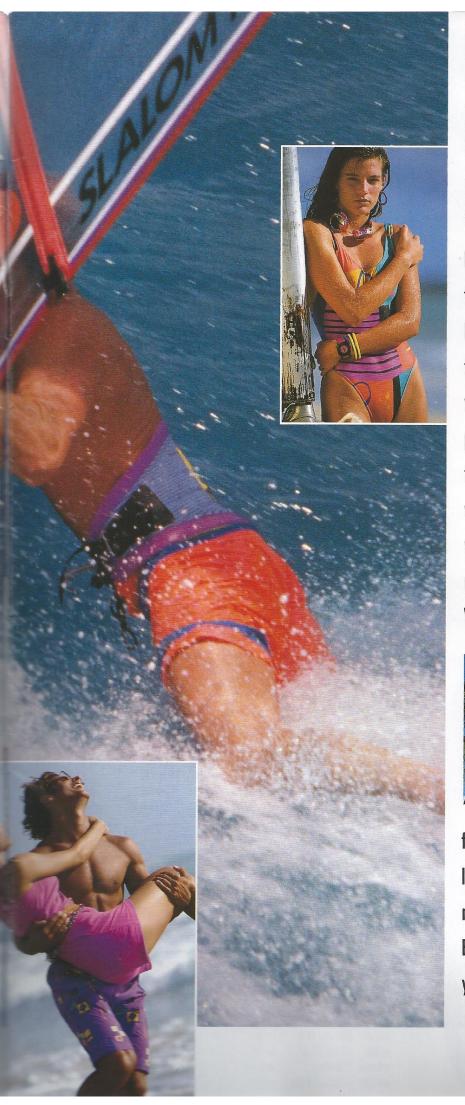
MISTRAL 90









MISTRAL '90 FUN FOR FOUR SEASONS.

Every day of the year, in every corner of the world, MISTRAL is a synonym for FUN! With our total range of high-performance sailboards for all skill levels... with ultra high-tech sails, rigs and components... with sensational snowboards for "Shred-Hot" winter fun... with advanced technology wetsuits for coldweather comfort... with action accessories for functional fun... with Swim Wear that beats the heat... with color-



ful Ski Wear of superior fabrics... with lively "lifestyle" Sports Wear for summer and fall... MISTRAL's got it all! Break free! When you're looking for year-round FUN, look for MISTRAL!

LINE



LINE





EQUIPE

length: 372 cm/12'2"

width: 63,5 cm/25" volume: 235 litres

weight: 12,8 kg/28 lbs.

SCREAMER LCS

length: 277 cm/9'2"

width: 56 cm/22" volume: 103 litres weight: 7,8 kg/17 lbs.







NEW MALIBU

length: 330 cm/10'10" width: 63 cm/25" volume: 165 litres weight: 12 kg/26,4 lbs. SCREAMER DCS

length: 277 cm/9'2" width: 56 cm/22" volume: 103 litres weight: 9 kg/19,8 lbs.

SHREDDER

length: 298 cm/9'9" width: 58 cm/23" volume: 128 litres weight: 9,5 kg/20,9 lbs.

STINGER

length: 265 cm/8'8" width: 55 cm/21,5" volume: 80 litres weight: 7,5 kg/16,5 lbs.



COMPETITION

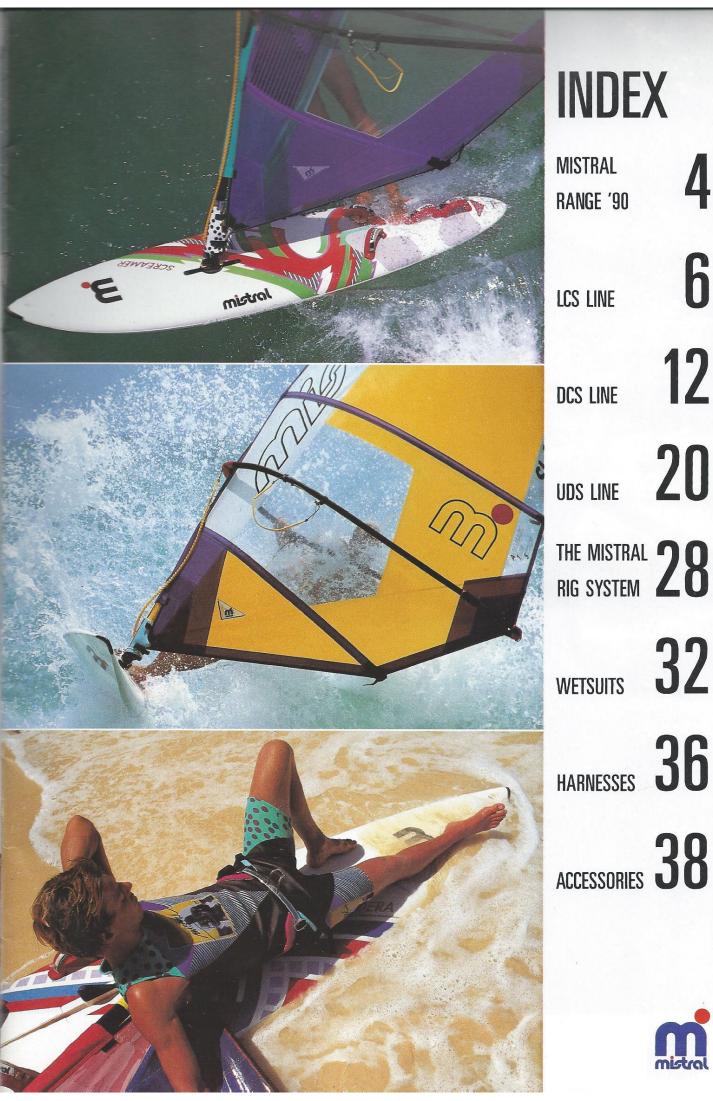
length: 380 cm/12'5" width: 70 cm/27,5" volume: 250 litres weight: 17 kg/37,4 lbs.

ONE DESIGN

length: 372 cm/12'2" width: 63,5 cm/25" volume: 235 litres weight: 15,5 kg/34 lbs.

PANDERA

length: 353 cm/11'9" width: 64 cm/25" volume: 185 litres weight: 14 kg/30,8 lbs.



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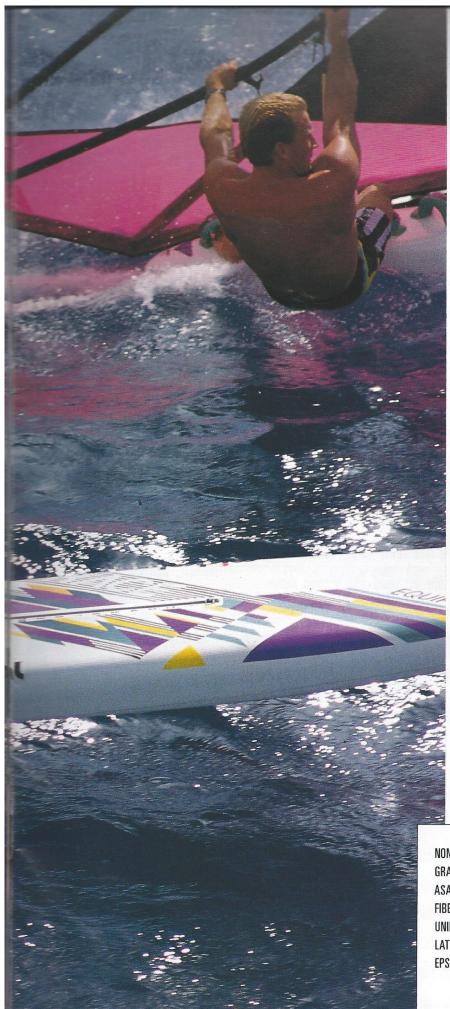
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MISTRAL LCS LINE



LCS-MISTRAL's outstanding light-construction technology. For first-class serial production boards, which also prove their worth in competition. Precise location of high-technology reinforcements in the high-stress areas of the board produce excellent longitudinal rigidity and resistance to pressure, while at the same time achieving minimum weights. MISTRAL LCS — a patented top-ranking technology for light boards and extreme demands.

NON-SLIP COAT
GRAPHICS
ASA SKIN
FIBERGLASS SANDWICH WEBBING
UNIDIRECTIONAL CARBON
LATERAL STRINGER
EPS CORE



"THE KING OF SPEED" was the accolade given to the MISTRAL EQUIPE by testers of the German magazine "surf" in their raceboard tests for 1989. This successful board with the typical triple-concave hull is the serial-production version of Robby Equipped with a Naish's raceboard. special regatta daggerboard, computerdesigned fin and over-size mast-track, the EQUIPE's outstanding feature is the phenomenal tacking performance which makes it a top favorite in the World Cup. The deep rails allow for top speeds when sailing into the wind. The distinct rocker and the rearward trim guarantee maxi-

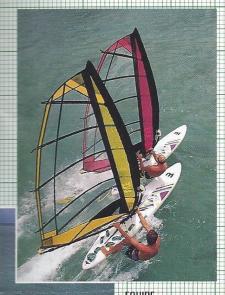


mum speeds when planing on narrow and broad reaches. Moreover, the slalom stern gives the EQUIPE manoeuvring characteristics usually found only in funboards. A true over-all champion for racing as well as recreational sailors — whatever the

wind force!







parallel silhouette which runs flush into the stern is the reason for outstanding sailing characteristics in broad reaches, good manoeuvring and easy foot-control.

length: 372 cm/12'2 width: 63,5 cm/25' volume: 235 litres weight: 12,8 kg/28 lbs.

semi-complete, MISTRAL recommends the EQUIPE RACE







18 knots wind and the slalom course takes you right through the middle of a churning sea. Perfect conditions for the MISTRAL SCREAMER. This radical slalom board with a shape similar to that of a speed-board, puts on a convincing performance both on flat water and in the waves. The slim silhouette and the shallow hull guarantee perfect board contact and easy handling. The double-concave hull with Ophihi speed dent produces fast planing, very smooth sailing, and excellent course holding characteristics, even in choppy conditions. "PURE FUN" is the feeling you get on the SCREAMER in the waves. The outstanding manoeuvering characteristics make radical jibes and spectacular aerials thrilling experiences. There's no doubt about it - for 1990, the SCREAMER will be the sla lom board for athletic funboarders who are looking for a successful slalom board and a pedigree funboard for – all in one! waves

length: 277 cm/9'2" width: 56 cm/22"

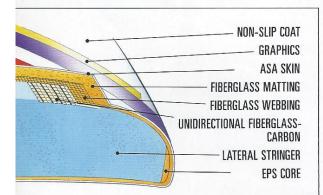
volume: 103 litres

weight: 7,8 kg/17 lbs. (LCS) 9 kg/19,8 lbs. (DCS) **EQUIPMENT:** LCS: semi-complete, MISTRAL recommmends the EQUIPE SPEED/ SLALOM or WAVE/SLALOM DCS: MISTRAL SLALOM MONO RIG

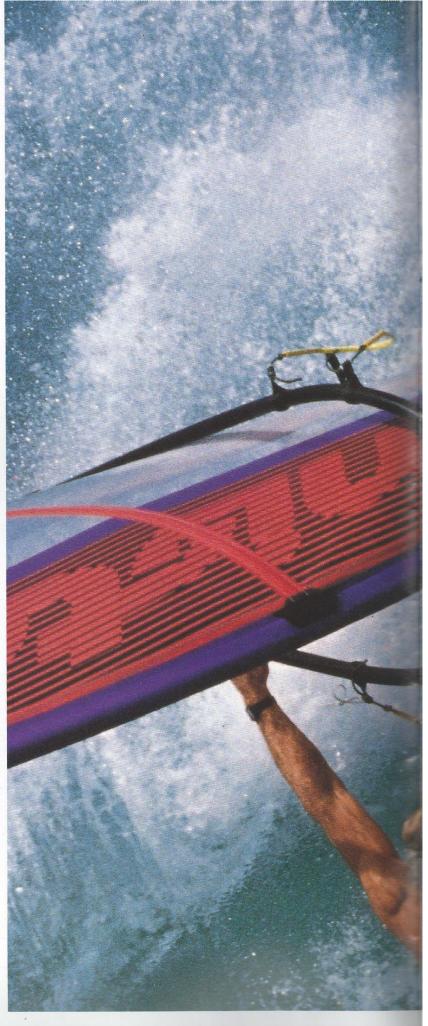
MISTRAL DCS LINE

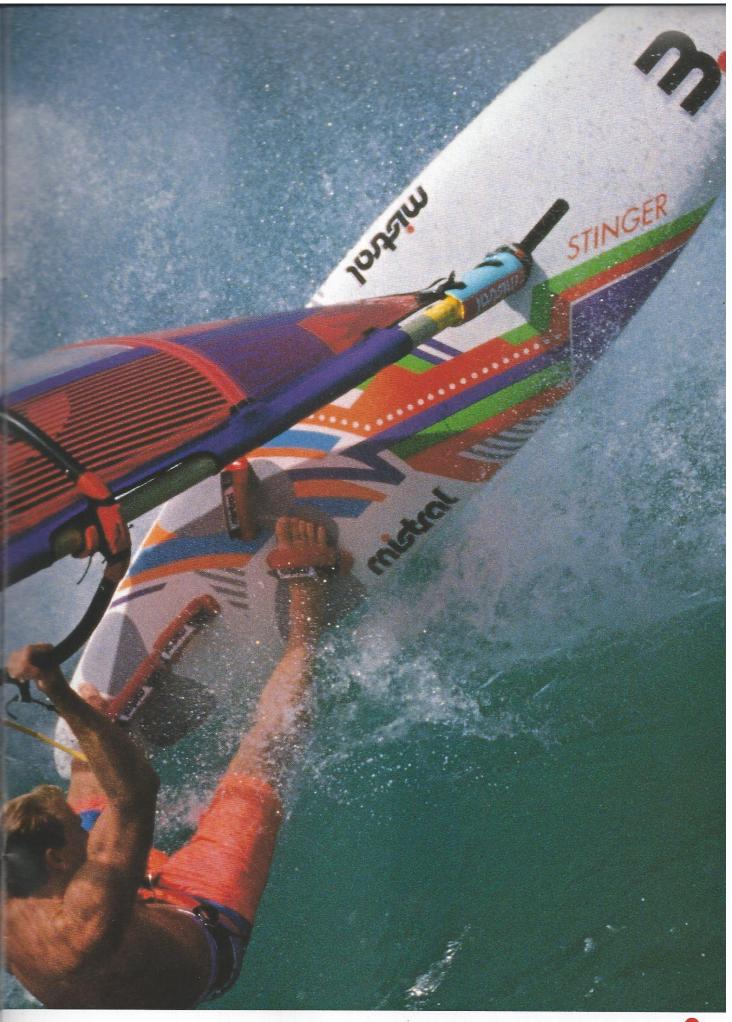


This is MISTRAL's tough, light-construction technology – a winner for 1990. Extremely resistant laminate with



carbon reinforcement means maximum durability and top stability at light weights. MISTRAL DCS — the trendsetting technology for more fun and for greater safety.







"There is none faster" was the judge:

ment of the testers of the German magazine "surf", after putting the NEW MALIBU through its paces. No wonder! This spritely 330 cm board with double-concave hull is a combination of all the advantages of race, manoeuver and stalom boards. In medium and strong winds, the NEW

MALIBU sets new standards in speed.

It planes early, accelerates fast, and reaches a very high final speed. Moreover, the rounded pintail makes it almost unbeatable in manoeuvres, too. The slim silhouette with its winger square-tail produces exceptional manoeuverability for a board of this length. The ideal sailor for the NEW MALIBU is readily defined: it's the

perfect funboard for athletic windsurfers who are also looking for real sailing comfort.



SHAPE:
Ophih in bow area,
double concave in stern area
EQUIPMENT:
MISTRAL SLALOM RIG

The MISTRAL footstraps can be adjusted easily and quickly to the correct size. The straps inside the soft neoprene sheath can be adjusted by means of a Velcro closure.

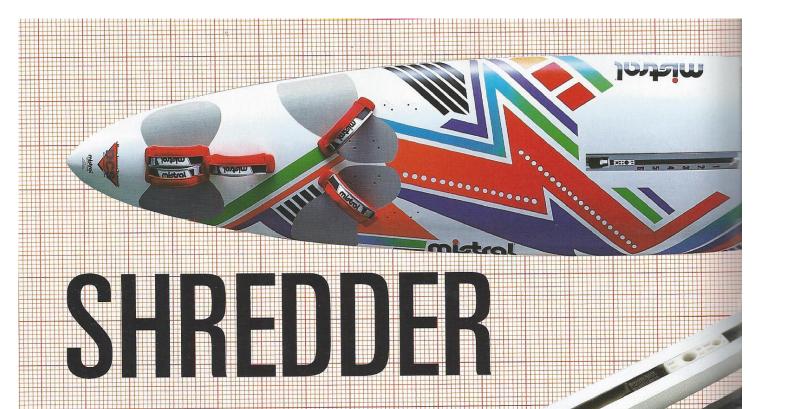


The correct width of the footstraps is an important safety factor. The foot should only slip into the strap as far as the instep. Otherwise, there is a potential for injury.



length: 330 cm/10'10" width: 63 cm/25" volume: 165 litres weight: 12 kg/26,4 lbs.





SHAPE:
triple concave
EQUIPMENT:
MISTRAL SLALOM MONO RIG

To assure perfect trim adjustment on all reaches, the new SHREDDER is equipped with a short track instead of a finbox system. Result: A broader range of sailing!







For statem sailors, here's a genuine lightwind winner. And for heavier sailors, it's the ideal statem board. The MISTRAL SHREDDER opens up new vistas in the 3-meter class for a wider range of board-



sailing. The OPHIHI
speed dent in this relatively high-volume slalom
board has been drawn
towards the stern in the
shape of a triple-concave

hull. This means increased lift in the planing stage, and makes the SHREDDER a really early planer. Its typical characteristics: fast planing, smooth sailing, top speeds on close and broad reaches. And in manoeuvers the SHREDDER glides around turns. The new SHREDDER will have as standard equipment for 1990; a short track and footpatches integrated into the deck. This is the ideal slalom board for heavier funboard sailors, and all those who most often sail in medium air.

Up-to-the-minute: For the first time, the DCS boards STINGER, SCREAMER and SHREDDER equipped with foot-patches integrated into the deck as standard components. These non-slip "insoles" improve stance stability and easy pressure on your







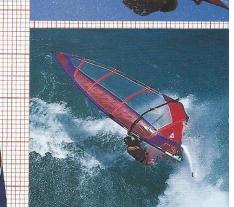
and the harmonious shape
of the rounded pintail. The
80-litre volume makes the
STINGER a semi-sinker – a
lean board with minimal
weight. It's a winner for
wave-riders and slalom
aces alike. And for heavy air
sailors, the STINGER is
definitely the board!

Without a doubt, the OPHIHI speed dent is here to stay! The flattening out of the MISTRAL funboard hulls in the bow area is the signature of R&D manager, Rick Naish. In windsurfing, the OPHIHI means the water is compressed and greatly increases uplift. The result: early planing, smooth sailing, and gentle, low-resistance heading into the waves perfect for a confident, relaxed sailing style, even under extreme conditions.

STINGER
length: 265 cm/8'8"
width: 55 cm/21,5"

volume: 80 litres weight: 7,5 kg/16,5 lbs.

> EQUIPMENT: MISTRAL SLALOM MONO RIG





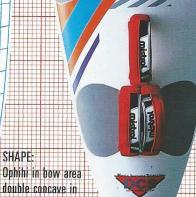


All MISTRAL boards in the DCS range are equipped with a newly developed polycarbonate fin with fiberglass reinforcement. It's





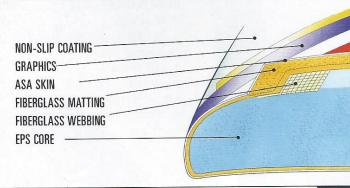
stern area



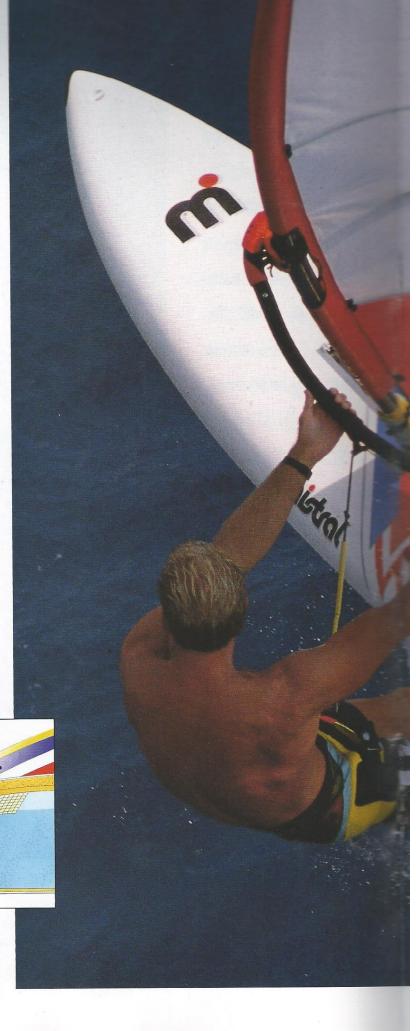
MISTRAL UDS LINE



UDS is MISTRAL's time-tested pressure compound system. These are uncomplicated boards which are easy to care for. Their extremely rugged construction is designed for durability and resistance to



impact. MISTRAL UDS – an unbeatable technology!

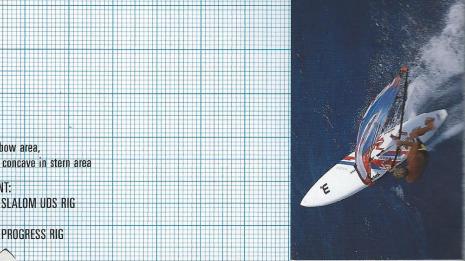








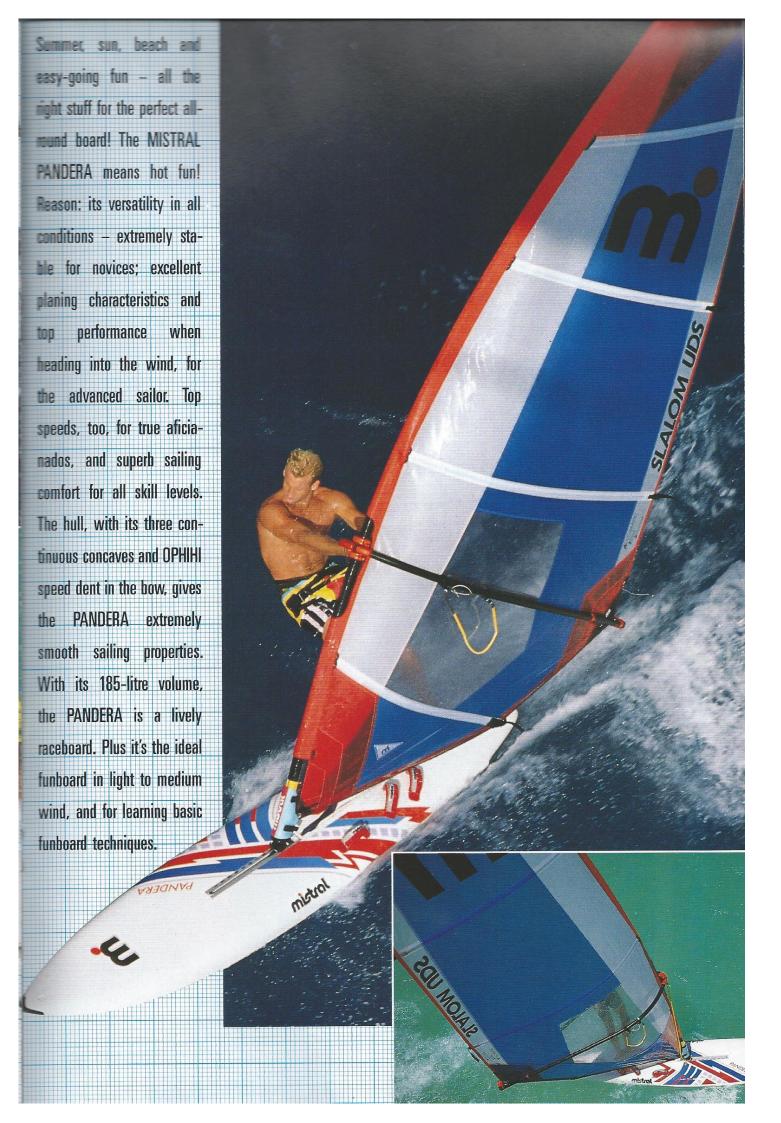
PANDERA

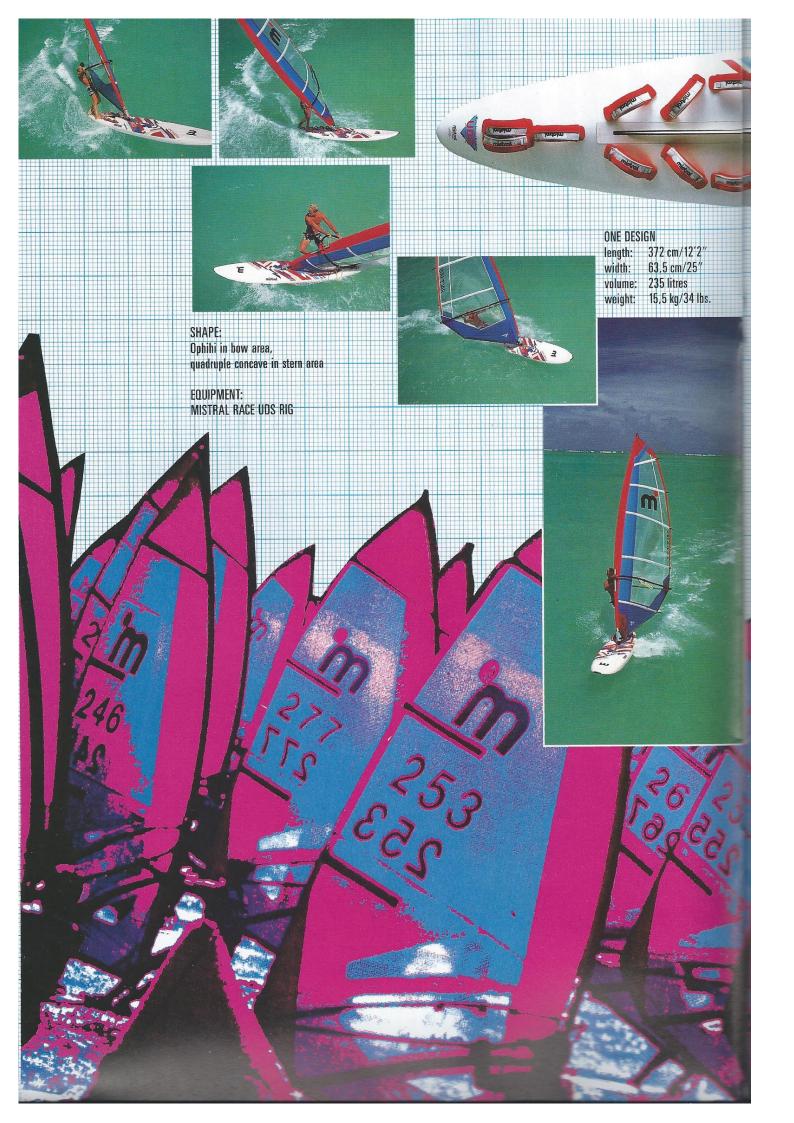






EQUIPE, NEW MALIBU, SHREDDER, PANDERA, ONE DESIGN and COMPETITION are all equipped with a MISTRAL TRACK. By operating the track pedal, the mast foot can be manoeuvered into any position while on the water. As a rule of thumb, when tacking, the mast foot should be in a forward position. On a "half-wind" course, the mast foot moves to a middle position. And on a broad reach, the mast foot is pulled back.

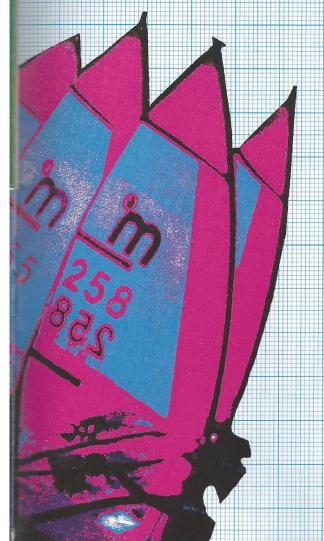






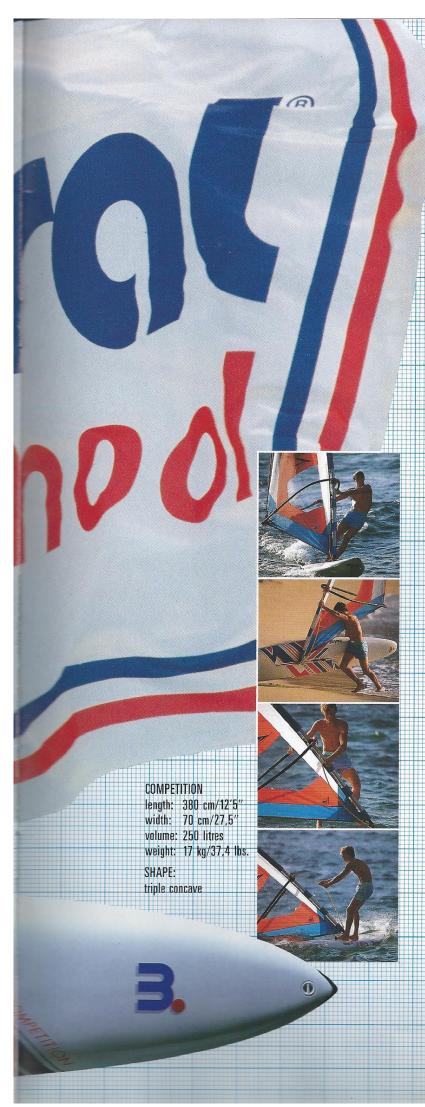
ONE DESIGN & IMCO

Competitive excitement is at a fever pitch; sailors jostle for position at the starting line and use their best tactics. The regatta scene is very



much alive and thriving! With the ONE DESIGN, MISTRAL has breathed fresh air into IMCO, the only one-design class recognized by the IYRU (International Yacht Racing Union). For the ONE DESIGN offers everything which sets apart an up-to-date regatta board: extraordinary tacking characteristics; maximum speed when headed into the wind; fast planing on a "half-wind" course; and the kind of manoeuverability normally found only on a funboard. This injects terrific fun into regatta racing. The numbers of participants in both national and international IMCO competitions held throughout the world confirm this trend: the INTERNATIONAL MISTRAL CLASS ORGANIZATION is gaining new strength every day! IMCO - in a class by itself. Join in the fun!





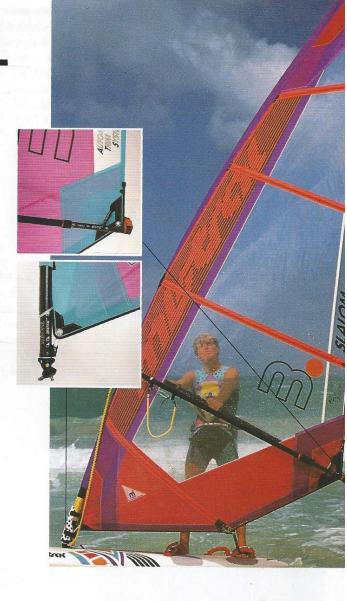
COMPETITION CLUB MISTRAL

Holidays, sun, beach and windsurfing. This is **CLUB MISTRAL. Twenty thousand vacationers** a year choose one of the nine CLUB MISTRAL resorts on Barbados, Corsica, Sardinia, Gran Thailand, Tarifa Canaria. Maldives. the Spain, and Lake Garda, Italy. For the advan ced boardsailor, CLUB MISTRAL is definitely the place to be! New MISTRAL equipment and top-ranked resorts bring together vacationers of similar interests. For novices, CLUB MISTRAL offers boardsailing courses with experienced instructors and special training equipment. Easy, gradual lessons are given on the MISTRAL COMPETITION, a proven all round board for beginners worldwide. Features include easy-going sailing in light wind, solid stability, and re-assuring manoeuverability – features which make the MISTRAL COMPETITION the preferred board at the finest schools, as well as for recreational sailing. After just a few days of instruction, novices find that "it's a breeze" on a MISTRAL COMPETITION board. Welcome to the Club!



THE MISTRAL RIG SYSTEM

A good but poorly trimmed rig won't perform as well as a mediocre but well-trimmed rig. Until now, it was usually only racing professionals and sail designers who mastered the skills of good trimming. Now, in order to guarantee that every sailor can enjoy the benefits of a high-performance, perfectly trimmed rig, MISTRAL has developed its ATS (Automatic Trim System). With the ATS, any sailor can automatically trim his or her rig correctly. To achieve this, ATS



marks are shown on the MISTRAL boom and the MISTRAL extension, corresponding to each sail size. The mast, sail, boom and extension can be attuned exactly to one another. Result: optimum sailing performance and perfect handling. This means the boom and extension are adjusted to fit the corresponding sail size, and the sail is then trimmed through to the stopper. Fast, uncomplicated rigging, a perfect profile and unlimited fun on the water are the satisfying results. With ATS, the new MISTRAL RIG SYSTEM offers 100% performance and sailing ease!

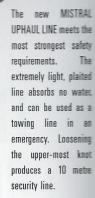


SLALOM MONO

MISTRAL's light slalom sail with high-speed potential and good manoeuvering characteristics. With the new luff design and the application of non-stretch monofilm, extreme stability of profile is achieved. The round head supports twist for smoother, more effective sail handling, even when over-powered. The SLALOM MONO with its ATS-system is exactly attuned to the specific profile of short boards. This is the ideal sail for extreme conditions and heavy air. STINGER, SCREAMER and SHREDDER offer the SLALOM MONO as standard equipment.

MATERIAL: DACRON, MYLAR*, MONOFILM

SIZES: 5,2 m²/5,7 m²/6,2 m²



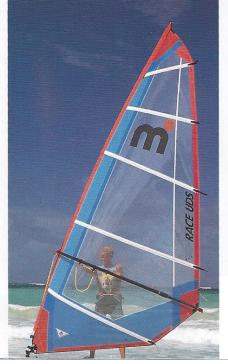


SLALOM

A rugged Mylar* sail with monofilm rear leech panel. The non-stretch monofilm absorbs the high tension in the rear leech and assures long life. With its full profile and the lower leech cut wider towards the rear, the SLALOM gives top performance even in light air. Here's the perfect sail for ambitious, recreational sailors.

MATERIAL: DACRON, MYLAR*, MONOFILM SIZES: 5,2 m²/5,7 m²/6,2 m²





RACE UDS

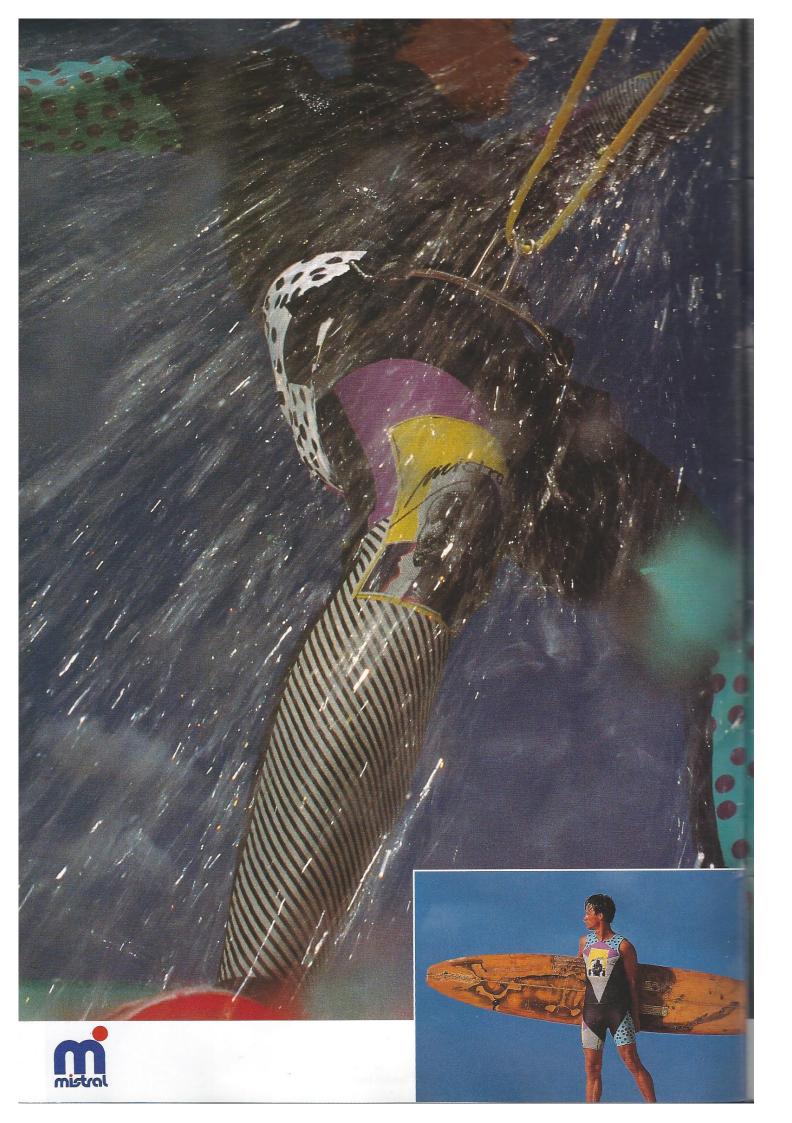
MISTRAL's new race sail for funboard and IMCO regattas. Light, fast and problem-free handling. The monofilm sail with its stable profile, has two camber inducers and a soft camber. The wide mast pocket guarantees the best possible airflow on both, the lee- and windward sides, and this means maximum speed. The flat cut of the head stabilizes the flow, supports the twist properties, and assures the controlled application of large sail areas. The RACE UDS is a superior regatta sail for course and slalom racing. The MISTRAL ONE DESIGN offers the new RACE UDS as standard equipment.

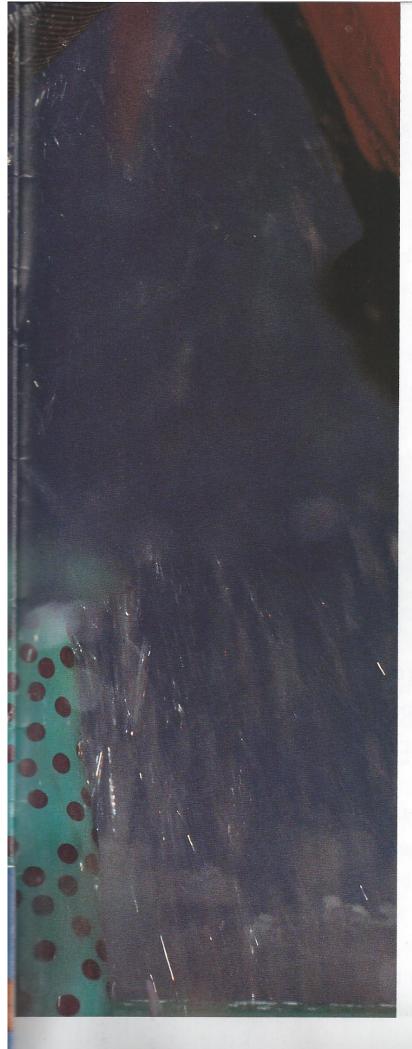
MATERIAL: DACRON, MYLAR*, MONOFILM

SIZES: 6,6 m²/7,4 m²

MONOFILM - this futuristic sail material has proved its mettle. Sails of monofilm are up to 30% lighter, have extremely high pressure-point stability, and are above all, fast! The new MISTRAL sails offer even more: the logical combination of Dacron, Mylar* and Monofilm creates tough, light and high-performance sails. And for added strength, each monofilm seam is reinforced with a sturdy, rugged fabric tape.







TAILOR-MADE

The best wetsuits allow no room for compromises. That's why MISTRAL has developed superior fabrics in co-operation with Yamamoto. Result: the wearer feels absolutely terrific! DUROPREN is a fabric with a slightly metallic shimmer and with an extremely rugged and non-scuffing surface. DUROPREN is used in the TOCO TOUCAN collection. In the FLASHING ICE-BIRD line, MISTRAL uses exclusively top-quality TECHNO-PREN 2000. High elasticity, perfect fit, excellent insulation and great scuff-re-

sistance – with TECHNO-PREN 2000, wetsuits become a sleek second skin.





TOCO TOUCAN LINE

This youthful, exuberant wetsuit line features distinctive designs and refined details. For example: diagonal front zip, raglan sleeve, dou-





ble-lined Duropren at the knee, shin and elbow. Velcro fastenings at the cuffs and ankles, and the practical cut guarantee easy entry and exit ... plus super fit, long life and great insulation.

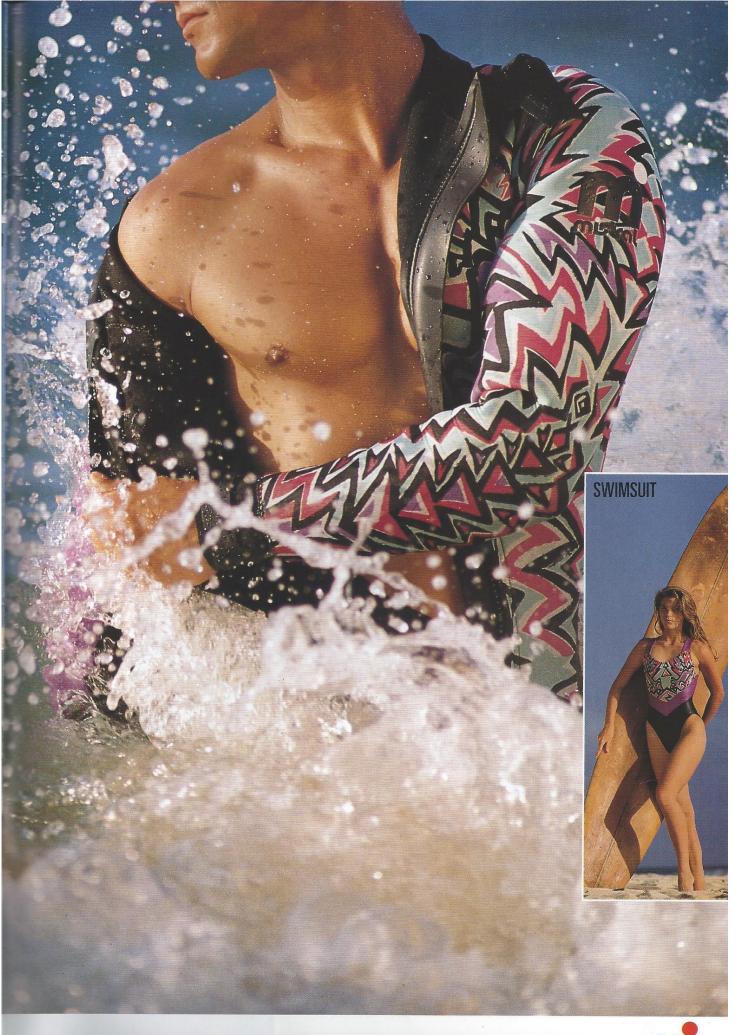
collar, pre-shaped sleeves and legs, and leg zippers — to assure comfort when



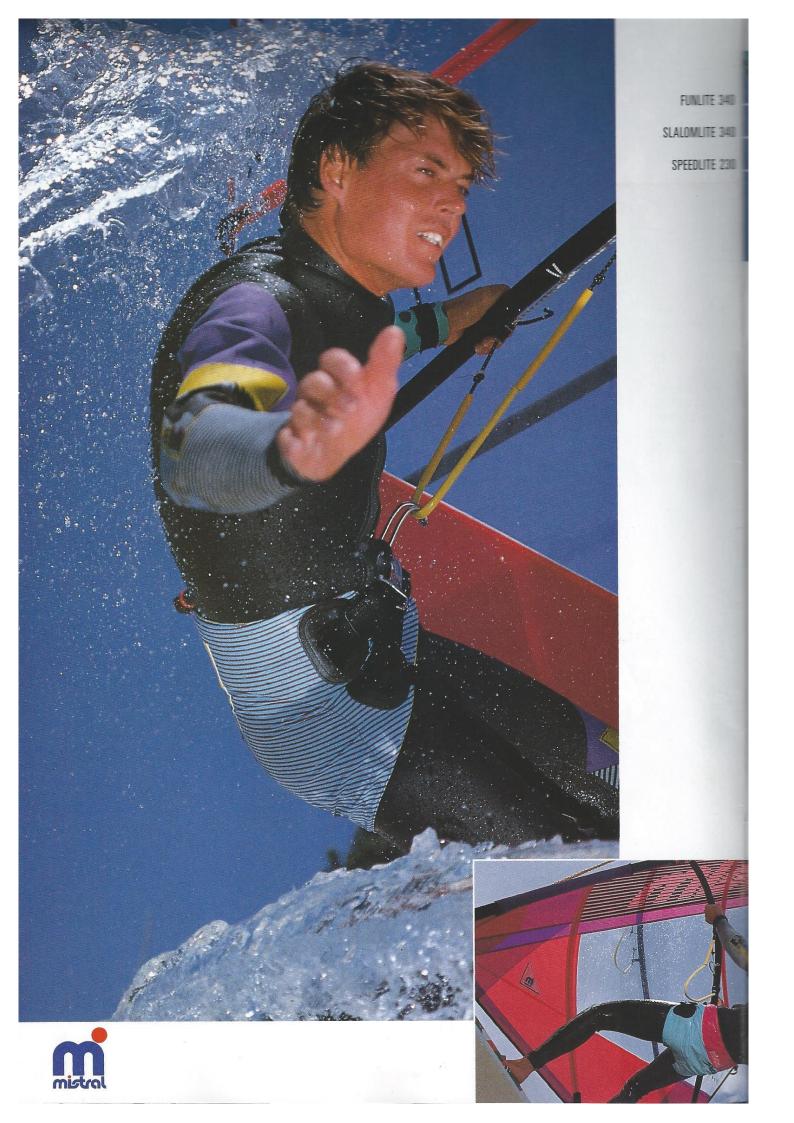
putting on and taking off. Perfect fit, outstanding insulation and total freedom of movement.

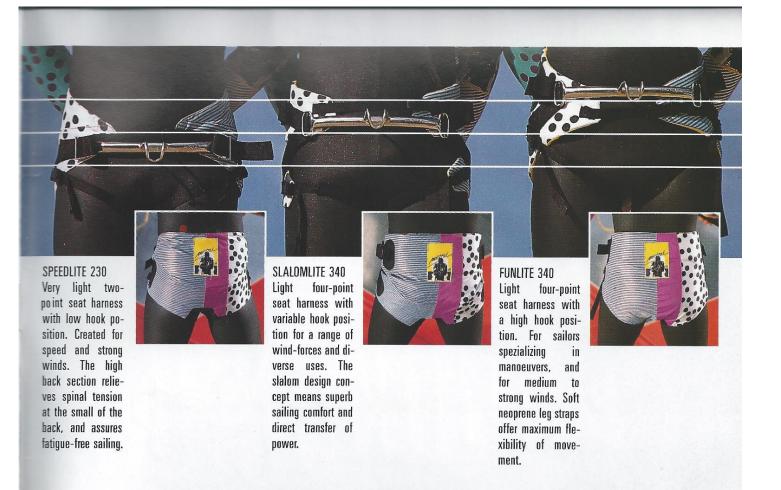
FLASHING ICEBIRD LINE

MISTRAL's exclusive wetsuit line combines fashionable design with practical details. Features include diagonal front zip, newly designed







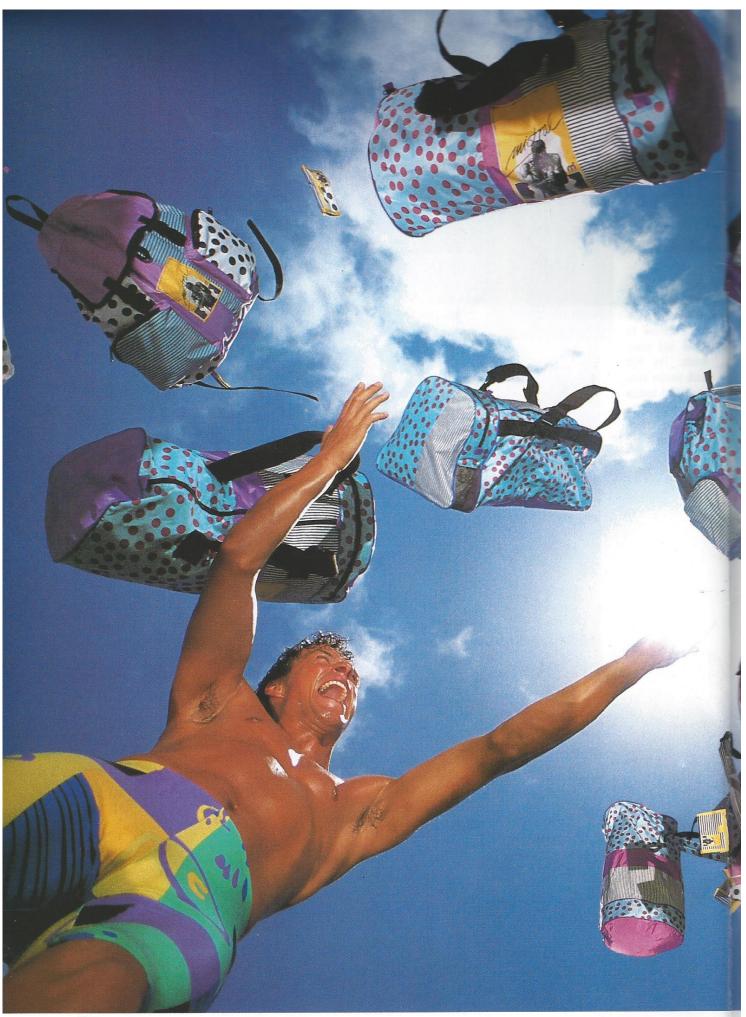


More fun, more Speed and more Comfort! The new MISTRAL HARNESS SYSTEM is exactly attuned to the sailor's precise

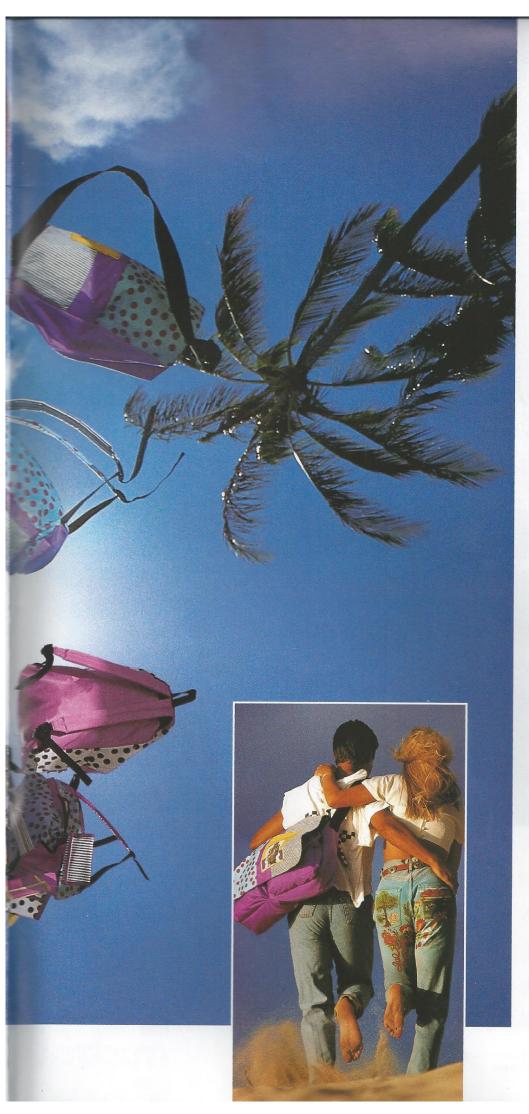
exactly attuned to the sailor's precise needs. For direct transfer of power, comfortable fit and unimpeded freedom of movement, each harness was designed to ergonometric specifications. The MISTRAL power patches distribute the traction over a wide area, and without pressure points. And the hook positions at various heights assure that all speed, slalom and manoeuver sailors won't waste a single ounce of their energy!



The new MISTRAL HARNESSES are offered in two designs: the lively TOCO TOUCAN melange pattern, or a sophisticated array of colors.

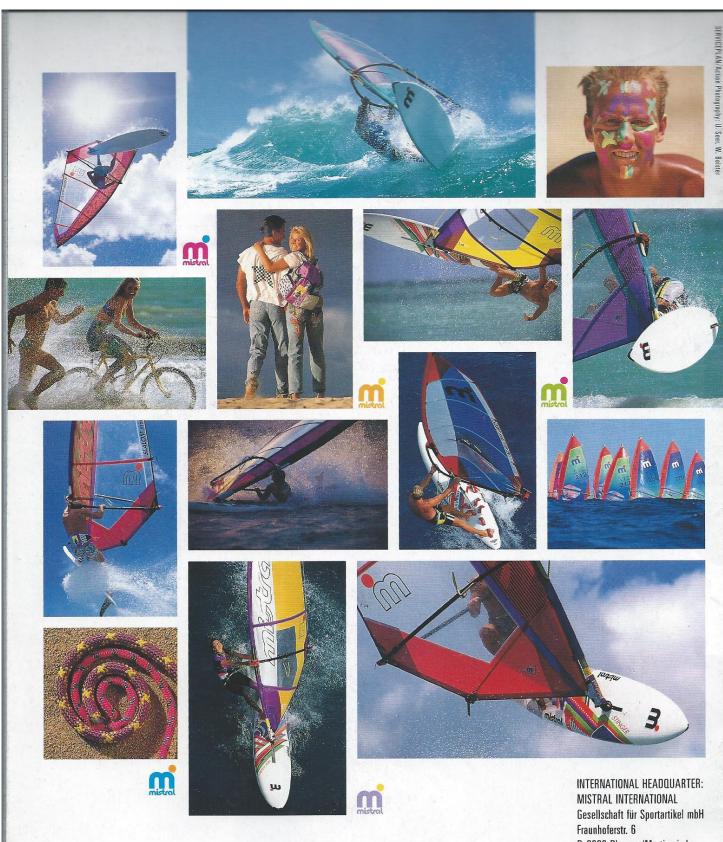






THE FUN LINE: MISTRAL ACCESSORIES

Practical, colorful, often witty, and distinctively MISTRAL. Accessories to meet all demands; accessories to meet all destinations. MISTRAL ACCESSORIES are designed to co-ordinate with our wetsuits and harnesses. It all adds up to functional fun — right down the line!



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