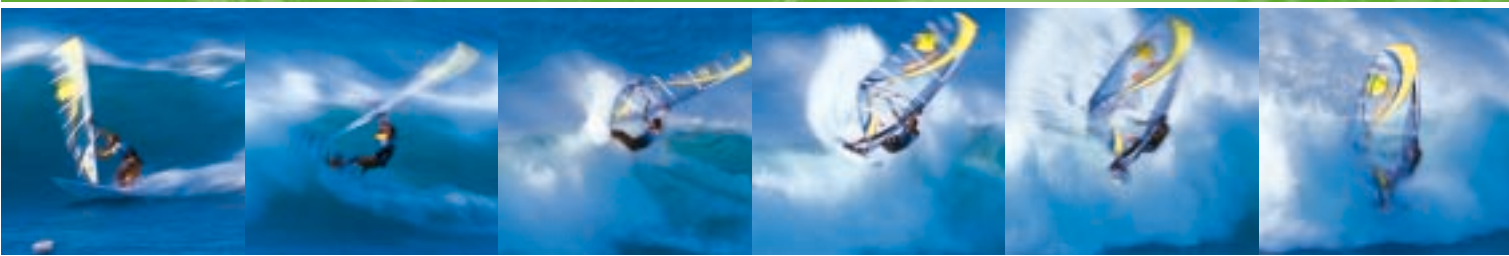




Kauli Seadi



Wave



Kauli Pro advanced hull dynamics

« In the pocket of waves »

The AHD Kauli pro are above all the result of the meeting of AHD with Kauli Seadi, the most expressive rider of the new school. After several weeks of « shape and try » sessions in Maui, the result of these exchanges has come at last : the Kauli pro series.

Kauli wanted to be able to sail « in the pocket of waves », to use the smallest quantity of energy available, whatever the quality of the wave, in order to be able to change it into surf or into radical move.

We at AHD know how to make manoeuvrable shapes, but the question was how to enable Kauli, who is a bit on the light side, to maintain a flowing style and to stay fast in the most critical situations, without ever having to force in order to control the board. The solutions came gradually, improving the manoeuvrability by tackling the critical scoop rocker area placed between the rider's feet. Customarily, that area is left rather flat in order not to unsettle the rider and to allow position mistakes that would immediately result in a loss of speed. On the Kauli pro on the contrary, that part of the scoop has been shaped into a constant curve to enable to follow the smallest curve and to get out of it the sufficient energy to make a manoeuvre.

What about stability and speed? This is where the magic double concave we've always used on all sorts of shapes comes in. Although the central line and the two outside lines of the scoop rocker are shaped into the famous constant curve between the feet, the bottom line of the 2 concaves stays tense, thus offering acceleration of the water flows and directional stability to the rider.

The beam is placed further back than average, thus increasing the ability of the board to turn.

The thin nose associated with a tense front outline enables the rail to grip perfectly in big bottoms while letting the rear end free itself under the effect of the double concave and of a marked tail kick.

Kauli: « Outstanding speed and manoeuvrability, a grip that can be freed on demand, an ability to pump every bit of energy from the wave, to concentrate that energy to enable me to make a solid move, that is probably the best way to describe my boards. Honestly, I must say I didn't want to give AHD my last prototypes for moulding anymore as I feared they would damage them. ».

« Short is good, fast is better. The Kauli pro unzips every bit of space in the wave and converts it into raw energy ».



51	52	54	56
51.3	53.3	53.6	55.5
233	234.5	237.5	239.5
60	68	75	81



Freestyle Wave



At ease, at all times!

The versatility of the mX is unequalled.

Their unique design stems out of the following specifications: sail all styles and all spots above 15 knots of wind.

Apparently simple and yet far less obvious if you want your board to plane early, surf short and jump high, or even to run full speed with two cams sail and a slalom fin.

The Double Rail enables to reduce the wet surface as soon as the board is planing in order to allow non-stop acceleration.

The Double Rail also enables to get a strongly marked outline-scoop allowing the best surfs as well as extra flowing manoeuvres while the centre of the hull stays tight. It also enables an excellent planing start and striking accelerations.

The DRT brings extra manoeuvrability and control, decisive for wide boards, by enabling the shaper to reduce the width of the rear outline of the board.

Optimised in DR-DT on the mX 61 and 66, the Double Rail starts from the nose of the board in order to free it earlier.

The Duck Tail brings the little extra volume it needs to prevent the board from gripping and slowing down, even in the most radical inverted manoeuvres.

Light or strong build, wave or slalom sail, recreational or Super X race, no need to hesitate, all there is to do is to get the mX out of the boot.



57	61	66
57.8	61.6	66.3
250	250	250
85	92	104



AA Pro Model

ADVANCED HULL DYNAMICS



No less than a world title!

Antoine is not only the PWA Freestyle 2001 tour winner but also the most versatile guy on the world tour today.

He has developed this model as a board he would bring with him if he had to choose only one.

The AA pro model 70 can be rigged with a 6.0 freestyle sail as well as with an 8.0 2 cams sail. The N.T. (Nomex Triaxial - hollow) version brings an incredible stiffness and response to the rider, with a maximum energy flux from the rig to the fin through the rider.

You want a real versatile tool for medium-low winds or simply the same tool as Antoine because you size like him?

Just go for it!

70	70 N.T.
69.8	69.8
250	250
109	109



Freeride



Freeride phenomena

The AHD Free Diamond were the sparkles of the real democratic performing freeride windsurfing and we have an unequalled experience in freeride shapes. The Type F are entirely dedicated to fun factor, without asking excessive physical involvement from the rider.

AHD's magical recipe, concave double concave V has of course been applied to the five Type F models. Planing above all, speed, comfort and manoeuvres... Nothing has been left to chance to provide maximum sensations to the riders.

On the 60 and the 64, a very special care has been applied to control to make the boards smooth and reliable in higher winds. Nothing else to say than the 67 is probably the most versatile board of the whole AHD range. And with a special emphasis on upwind abilities, the 75 and 85 bring a racy touch that helps much in lighter winds.

Last but not least, every Type F board has the Protec sandwich construction technology (AHD exclusive) that prevents from rig impacts or rocky beaches.

What could restrain you? Certainly nothing.

Type F
ADVANCED HULL DYNAMICS

60	64	67	75	85
59.3	63.7	67.4	74.5	84.2
250	256.2	259.5	262	262
91	106	116	125	145

Protec technology

The Protec Sandwich Technology is an exclusive AHD concept: a unique technology that combines the lightness and the stiffness of a sandwich structure with a high impact resistance. The usual gelcoat finish layer, sensitive to impacts, is changed by a thin protective polymer coat: the original AHD Protec. This Protec layer absorbs part of the energy of the shock, protecting the precious sandwich structure. The Protec has a special mechanical property: a capacity to stretch before splitting. The risks of splitting or cracking are therefore greatly reduced. Go wild, sail hard, Protec will protect!

Protec models: Inspiro, Type F et Zen.



Inspiro
ADVANCED HULL DYNAMICS



Fast and easy!

Inspiro shapes get extra horsepower thus enabling them to reach speed in the blink of an eye, and providing riders an infallible top speed linked with a comfort they had never reached before. All the advantages of wide shapes are exploited (quick planing, stability and control thanks to the great torque at the mast foot) and combined with a reduced trail owing to the narrow tail.

The Attitude Inspiro do not get below 250 cm. That minimal length is indeed essential to the good behaviour of the board in critical situations:

-It enables to deal with lulls and to soften the jerks caused by the chop or by the rider's technique.

-It also enables the use of large sails without disturbing the balance that is detrimental to speed.

The Inspiro are boards dedicated to an easily attainable speed and capable of an impressive range of use.

Built out of a unique blend of performance and accessibility specific to AHD, the Inspiro 79 and 87 provide more than ever the performances of race bombs wrapped up in an irreproachable behaviour.

79	87
78.2	86
252	255
136	153



Antoine Albeau



Race



Racing machines

Our GT special boards are built to race.
 On the Starting line : Concave, double-concave are the keys to get planing in the blink of an eye and to pass all your competitors within the very first metres.
 The GT special carbon sandwich structure makes them light, stiff and reactive enabling excellent acceleration.
 When racing : The optimal diamond tail shape (AHD original shape) improves waterflow under the tail of the board, so it liberates the board and increases top end speed. With a low rider position, control and comfort are perfect. The Light V in the back hull and the worked rails mean that trims and jibes are perfectly sharp and mastered. In the lighter winds, 73 and 86 duck tail brings a very useful extra volume that will make the difference while keeping the planing in lulls.
 Finish line : You're first, no need to ask!!!
 Tightened lines, stiff and light materials, aggressive graphics... All the power speaks as soon as you close your rig. The response is immediate and G's are speeding. Take a look at the guy who knows you are catching him. He tries to close his rig tighter in a subtle move, but nothing will do, you're back on him and he can't do anything.
 GT special: already your best friends' nightmare.

54	59	62	73	86
54.3	58.6	62	73.9	85.4
242.5	248	261	258.5	260.5
78	88	104	120	158



GT Special
 advanced hull dynamics



Formula
 advanced hull dynamics

The best technology for the best weapon.

Riding with an exclusive AHD N.T. technology formula, you are sure to have the lightest and the stiffest production board available for racing.
 We use 10 mm pure carbon moulds to produce these boards.
 No hand touch to the rails or whatever.
 We also develop our formula with patience and knowledge, because we know that every millimetre counts in such precise shapes.
 Riders also know that they need to have the same replica as the original plug and that's what we do.



945	98 N.T.	955 N.T.
94.5	95	94.7
260	260	237/254
148	158	188

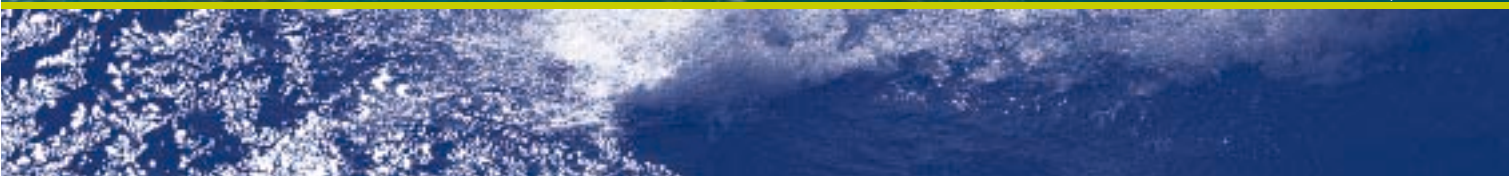
Tune your rig and set your fin, you'll have nothing else to manage in the next race.



Allround



Paula, Carolina & Kim



The multipass to freeride

Not only a beginner board but also a real universal freeride pass. The Zen board has been developed with the very precious cooperation of Tinho Dornellas, one of the two US windsurfing master instructors. Tinho and our boys have put all their experience to give to this board a very unique and precious character. Planing is the key for beginners; it is the very first sensation that will decide a beginner to become a windsurfing addict. The ZEN has been completely built around the first planing experience and it can get them faster than any other board. This comes with a very smooth feeling and with no «ON-OFF» phenomenon. Getting started has never been so easy in the windsurfing world. The ZEN rider will be able to compete his first races, as the ZEN's upwind ability and top end speed are impressive in its class. We took the time to think a smarter board, with which you will have fun from the very first planing to your first races.

ZEN
ADVANCED HULL DYNAMICS



ZEN
90.3
295
230



Technology



Can you see a difference between these two boards below? No!??

That's right, there's no other one than the serial number. Using the CMP* AHD technology, we mould our boards completely and simultaneously (deck, bottom and rails). This unique process in full sandwich boards industry is the only one to insure you a perfect replica of the original, board after board, without any hand reshaping after mould opening. Some facts seem obvious but they're not. Anyway at this level of performance, there are minimums you should require.

* Complete Mould Processing

CMP
ADVANCED HULL DYNAMICS

Quality is a way of life.

Each AHD board is scrutinized from the very first steps of its production and our controllers are ruthless.



The monocoque sandwich is an original AHD technology.

Strengthening the rail, the AHD monocoque brings an extreme stiffness and increases the internal structure resistance of the board. Integrated with our CMP* building process, the monocoque respects, with an extreme precision, the original shape.



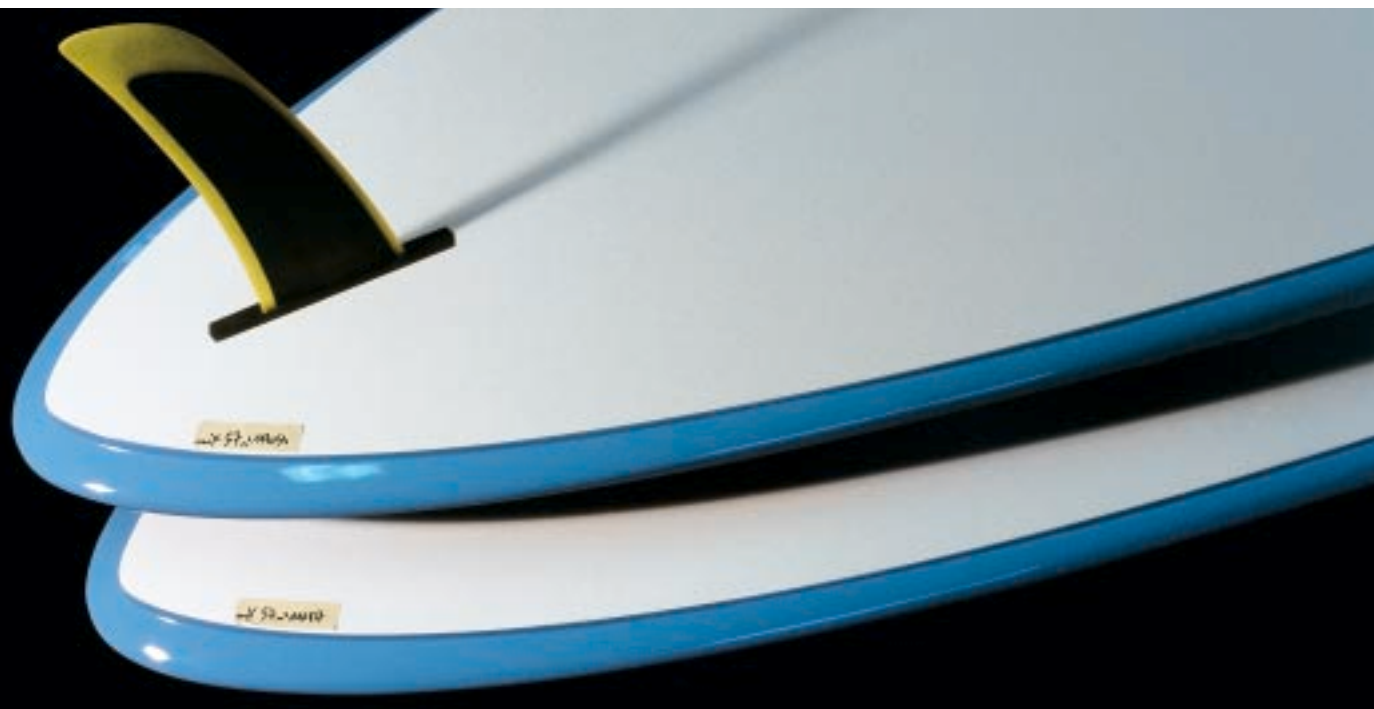
Monocoque models: Kauli pro, mX, AA pro model et GT special.

N.T. Technology (Nomex Triaxial carbone)

The AHD N.T. technology we build our hollow boards from shows the summit of our technological advance. This technology means:

- the best ratio between weight, stiffness and durability.
- a constant respect of shape and performance. The balance of layering suppresses distortions of shape that could occur in a standard construction.

Top AHD Team rider, Antoine Albeau (F 192): « Our N.T. boards are perfect: planing, acceleration, performance, control... they don't lack anything! I must say that my formula N.T. plays a big part in the pleasure I get from competing in World cup. I have the best tool, a true Formula one! ».





Paula Daian



**choose
your style**



THE RANGE
ADVANCED HULL DYNAMICS

Data	KAULI PRO				mX			AA PRO MODEL		INSPIRO		TYPE F					GT SPECIAL					FORMULA			ZEN	
	51	52	54	56	57	61	66	70	70 N.T.	79	87	60	64	67	75	85	54	59	62	73	86	945	98 N.T.	955 N.T.	Zen	
Width	cm	51.3	52.3	53.6	55.5	57.8	61.6	66.3	69.8	69.8	78.2	86	59.3	63.7	67.4	74.5	84.2	54.3	58.6	62	73.9	85.4	94.5	95	94.7	90.3
Length	cm	233	234.5	237.5	239.5	250	250	250	250	250	252	255	250	256.2	259.5	262	262	242.5	248	261	258.5	260.5	260	260	237/254	295
Volume	l	60	68	75	81	85	92	104	109	109	136	153	91	106	116	125	145	78	88	104	120	158	148	158	188	230
Width ofo (30.5)	cm	32.8	33.5	33.7	36.3	37.8	38.5	44.9	45	45	47.4	51.4	37.6	40	43.5	52	62.4	32.5	36.9	40.5	52.4	62.8	70.3	70.9	71.4	71.2
Weight	kg	5.8	5.9	6.0	6.1	6.5	6.7	7.2	7.4	6.4	7.8	8.5	6.9	7.3	7.5	7.8	8.5	5.6	6.1	6.3	7.3	8.3	8.5	8.2	8.4	14.5
Technology		MONOCOQUE DOUBLE SANDWICH								N.T.	PROTEC SANDWICH							MONOCOQUE CARBON SANDWICH					ONE K	N.T.	PROTEC	
Fin Box		US BOX				POWER BOX				TUTTLE		POWER BOX			DEEP TUTTLE		TUTTLE				DEEP TUTTLE			POWER BOX		
D.D.S.*		YES	YES	YES	YES	YES	YES	YES	YES	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dist. back straps	cm	23 - 25	23 - 25	23 - 25	21 - 23	22.5 - 26.5	26 - 32	26 - 32	24 - 30	24 - 30	19 - 21	18.5 - 22.5	20 - 24	21 - 23	21 - 23	15 - 17	15 - 17	19 - 21	19 - 21	19 - 21	15 - 17	15 - 17	18 - 20	15.5 - 17.5	15.5 - 17.5	18 - 22
Dist. front strap back strap	cm	36 - 44	36 - 44	36 - 44	36 - 44	36 - 44	34 - 48	34 - 48	32 - 44	32 - 44	36 - 44	34 - 44	34 - 44	36 - 44	36 - 44	36 - 44	36 - 44	34 - 44	36 - 44	36 - 44	36 - 44	36 - 44	36 - 44	36 - 44	36 - 44	34 - 42
Shaper		Kauli Seadi - Jean Bouldoires				B. Andre - J. Bouldoires			Albeau - Bouldoires		Jean Bouldoires		Bruno Andre - Jean Bouldoires					Antoine Albeau - Jean Bouldoires - Cyril Moussilmani					Domellas - Bould.			
Rec. Fin	cm	19 - 21	20 - 22	20 - 23	20 - 24	20 - 26	23 - 28	25 - 32	24 - 30	24 - 30	40 - 54	44 - 58	23 - 32	32 - 42	36 - 46	44 - 56	58 - 65	27 - 33	29 - 35	32 - 38	44 - 56	58 - 65	65 - 75	65 - 75	65 - 75	25 - 65
Rec. Sails	m²	2.7 - 5.0	3.0 - 5.3	4.0 - 5.7	4.7 - 6.2	4.0 - 6.2	4.5 - 7.0	5.5 - 7.5	6.0 - 8.0	6.0 - 8.0	5.5 - 10.0	6.5 - 11.0	4.5 - 6.7	4.5 - 8.5	5.5 - 9.0	7.0 - 10.0	7.5 - 11.5	4.5 - 6.5	5.5 - 7.5	6.0 - 8.0	7.0 - 10.5	7.5 - 11.5	7.5 - 12.5	7.5 - 12.5	7.5 - 10.00	

WAVE	WAVE				FREESTYLE WAVE				FREESTYLE		FREERIDE					FREESLALOM					FREERACE		SLALOM / RACING					FORMULA			BEGINNER			
FREESTYLE WAVE																																		
FREESTYLE																																		
FREERIDE																																		
FREESLALOM																																		
FREERACE																																		
SLALOM / RACING																																		
FORMULA																																		
BEGINNER																																		

*D.D.S.: DIRECT DRIVE SYSTEM

Concept : AHD marketing dept
Photos : Jono Knight
DTP : www.looping-creation.ch

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ADVANCED HULL DYNAMICS



Windsurf 04