



3D progressive kiteboards

ABoards Kiteboarding

2007

www.aboards.eu

ABoards 2007 board line



- All round-board - wide range of riders, water conditions, and riding styles
- Very easy to learn and comfortable to ride
- Highest technical and construction quality
- Durability and strength
- Best price-quality ratio (board of 699+ eur category available for <590eur)

Main features



A black square icon with the text "pressed 68 tons" in white.	A black square icon with the text "SSC" in white.	A black square icon with a white 3D coordinate system showing x, y, and z axes.	A black square icon with a white outline of a kiteboard deck showing two downward-pointing arrows in the center, indicating flex zones.	A black square icon with a white outline of a kiteboard deck showing a concave shape in the center, representing a tunnel.	A black square icon with the text "ABS RAIL" in white.	A black square icon with a white outline of a cactus, representing an anti-scratch cover.
Boards pressed under 68t	Super Strong Core	3D Top Deck	Flex Zones	Tunnel Concave	Protective Sidewalls	Anti-Scratch Cover

State-of-art manufacturing



- Boards are 100% manufactured in the EU
- Highest quality and expensive materials
- CAD hydrodynamic design
- Board core cut on CNC machinery with super precision
- Pressure with 68t by snowboard technology:
 - All board layers are put at once in 3D thermo-press
 - Pressure equivalent to 68 tonns
- Result – strong, light and smoothly finished board



Specialy created core

- Combination of 3 materials:

- Airex,
- Wood
- Carbon-kevlar



- Result

- Super Strong Core
- Light weight

Super Strong Core

- **Airex** – main part of core
 - very light but strong foam material widely used for sandwich constructions in boats and yachts
 - expensive, highest class material used mainly in European manufacturing (too costly for China)
- **Wood:**
 - to provide extra strength uniformly across the board
- **Carbon-kevlar:**
 - 10x stronger than steel, used in “bullet proof vests” and space technologies
 - provides extreme strength at high load areas of the board

3D shape of top deck



3D shape of top deck

- Computer calculated and CNC cut 3D top deck area:
 - **Area #1** – thick central ensure strength, avoids bending & ensures control at high speed and radical moves
 - **Area #2** – thin rail allows better edging & cutting the water (like sharp knife)
 - **Area#3** – “duck nose” provides gradual increase in flex without compromising strength
 - **Area#4** – bi-directional flex area
 - **Area#5** – special cut in board tips to optimize bi-directional flex

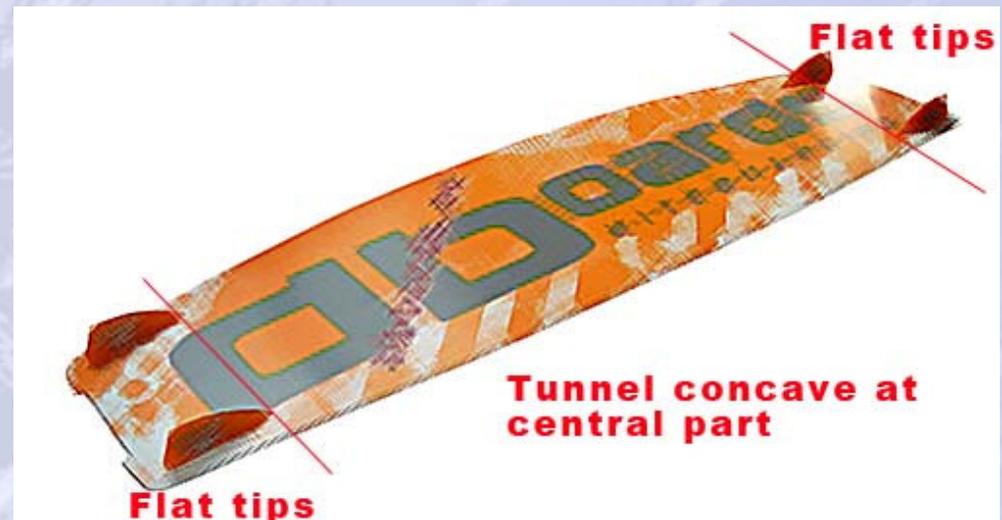
Dedicated flex zones

- 3D top deck allows creation of specially **controlled flex zones**
- Boards have **optimal flex level** (5.5-6 from range of 4-7) – not too soft, not too hard
- Most flexible zones are **concentrated at tips** of the board & **flex changes gradually**
- Flex at tips is **bidirectional**
 - Longitudinal flex – allows excellent pop at take-offs and landings & comfort in chop
 - Lateral flex – ensures fins maintain best angle with water and rider has best control at all speeds and turns
- **Cut at tips** – optimizes bi-directional flex

Tunnel concave & flat tips



- Boards bottom deck – combination of tunnel concave & flat tips
- Tunnel concave:
 - Ensures superb upwind
 - Early planning and high speed
 - Good control at high speed
- Flat elastic tips:
 - Avoids having “railway track” effect
 - Ensures pop and maneuverability, without compromising control at central part



Excellent board finishing



- Along perimeter board is surrounded by strong 4mm ABS material
- Protective anti-scratch top & bottom sheet
- Soft EVA accessories & optimal size 4.5mm G10 fins
- Stainless steel inserts
- 2 changeable stance positions



AB07 vs. other boards

- AB07 is top-class board suitable for most widest rider range **including beginners**
- Superb upwind and early planning
 - Combined with medium flex & excellent pop
- **Low wind** and beginner boards:
 - Sizes 137cm and 146cm
- **Best flex-strength ratio** – video on www.aboards.eu
- **Better value for money** (<590eur)

RESULT



- Excellent all-round boards
- Suitable for most riders
- Most water conditions – flat to extreme chop
- Free-ride and also new school tricks
- Fantastic feeling on the water
- Top quality for affordable price (board of 699+ eur category available for <590 eur)
- More info www.aboards.eu