

# P A D D L E S

A N D A C C E S S O R I E S



production line • issue **10**

2010

## MISSION AND PHILOSOPHY



SUPPORTER of ICF

BRAČA-SPORT® mission and philosophy is to design, develop and produce the best performing paddle for every paddler. We believe that each paddler is different that therefore each paddle should be uniquely designed. Different designs work better for different paddlers and environments; therefore our goal is to continue research, development and creation of a diverse range of products that satisfy the vast variety of paddlers. We are the only manufacturer to engineer paddles in every paddling category: **Canoe Polo, Dragon Boat, Flatwater, Freestyle, Marathon, Ocean Racing, Outrigger, Slalom, Touring, Waveski and Wildwater.** With a total of 130 different canoe and kayak paddles with over 400,000 configurations we have the right paddle for everyone.

Our paddles have been designed using the latest technology available, inspired by the comments and in collaboration with some of the world's most successful paddlers and coaches. We invented the revolutionary 'tear-drop' blade concept that redefined paddle performance and is now being copied other manufacturers. This has become the 'de facto' blade in the paddling community and the world's only mechanical energy paddle concept.

We are the only manufacturer to engineer and produce carbon fabrics and paddles. This provides the ability to produce a very specific and fine grain unidirectional high modulus carbon (HMC) fabric layers in contrast to what is available in the market. The diverse range of specific and fine grain materials is the key improvement enabler of the paddle's performance characteristics.

Together with proprietary multi-layer and multi-characteristic lay-up methods of proprietary blend of composite fibers and a reinforced proprietary UV epoxy resin provides the ultimate mechanical and kinetic capabilities. This enables desired catch, slip, pull-through, flutter and acceleration of the paddle and guaranties these characteristics for every paddle produced, yielding the world acclaimed mechanical energy BRAČA-SPORT® paddle.

BRAČA-SPORT® was first to develop and produce paddles specifically designed for children and youth. Our proprietary material characteristics and mechanics of the paddle are specifically designed to fit children's physiology to absorb the impact from each paddle stroke reducing shock on the shoulders, elbows and wrists and ultimately reducing common kayaks injuries. The above technology methods are also used to design and develop paddles for recreational and senior paddlers.

### WORLD CHAMPIONSHIPS AND OLYMPIC GAMES MEDALS WON BY ATHLETES USING BRAČA-SPORT PADDLES



## KEY FACTS

- Original inventor of the 'tear-drop' concept
- The only manufacturer to engineer and produce carbon fabrics and paddles
- World's first and only mechanical energy paddle
- More than 300 years of combined engineering experience, including aerospace, advance composite materials science, biomechanics and kinetics, mechanical, electrical, chemical and software engineering
- Built to suit different techniques, styles and paddler physical characteristics
- First to develop and produce paddles specifically designed for children and youth
- Designer, developer and producer of the largest paddle selection in the world

## RESULTS

- Used on every level, from world class athletes to children and recreational paddlers
- Superb durability and outstanding performance
- Over 750 Olympic and World Championships medals
- The lowest breaking rate in the industry
- The majority of today's world class paddlers make BRAČA-SPORT® their #1 choice



# TEAR-DROP MODELS

## BRAČA I

Brača I max  
 Brača I Marathon max  
 Brača I Extra Light max  
 Brača I min  
 Brača I Marathon min  
 Brača I Extra Light min  
 Brača I s-min  
 Brača I Extra Light s-min



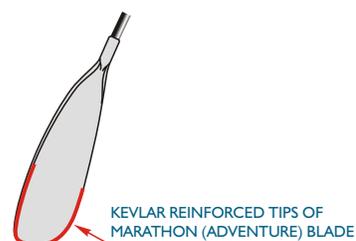
**Brača I, IV and FW** are the original world's first 'tear-drop' design and our most widely used paddles. The paddles are designed to facilitate application of the power in the beginning (catch) and in the middle of the stroke, enabling the ultimate forward stroke capabilities

**Brača I** and **Brača IV** are available with Marathon blade construction. This is a result of advanced technology, a proprietary blend of composite materials and was designed with the marathon and adventure paddler in mind. The edge of the blade is reinforced with a kevlar layer that makes it highly impact resistant in extreme down river conditions.

**Brača I** and **Brača IV** are now available in the new Extra Light and stiff construction for the athletes who prefers light and stiff characteristics.

## BRAČA IV

Brača IV max  
 Brača IV Marathon max  
 Brača IV max 60  
 Brača IV Extra Light max  
 Brača IV min  
 Brača IV Marathon min  
 Brača IV min 60  
 Brača IV Extra Light min  
 Brača IV s-min  
 Brača IV s-min 60  
 Brača IV Extra Light s-min



**Brača IV 60** is designed for the paddlers who prefer softer blade and shaft.

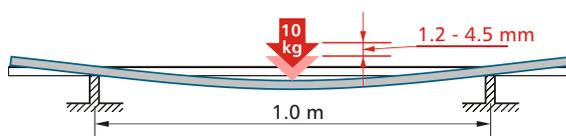
**Brača Children** is an exact copy of the Brača I and Brača IV with proportionally smaller blade size and with proprietary material characteristics and mechanics of the paddle that are specifically designed to fit children's psychology, enabling absorption of impact from each paddle stroke reducing shock on the shoulders, elbows and wrists and ultimately reducing common kayak injuries.

## BRAČA CHILDREN

Brača Children max  
 Brača Children min  
 Brača FW max  
 Brača FW min



### SHAFT STIFFNESS MEASUREMENT PROCESS



# TEAR-DROP MODELS

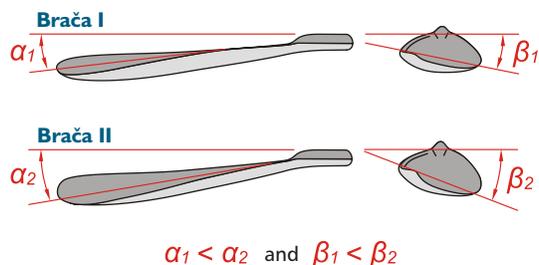
## BRAČA II

Brača II max  
Brača II Extra Light max  
Brača II min  
Brača II Extra Light min  
Brača II s-min  
Brača II Extra Light s-min



**Brača II** is based on Brača I design, it has an increased blade pitch (see diagram below), which provides firmer 'catch' and effortless exit than Brača I.

**Brača II** is now available in the new Extra Light and stiff construction for the athletes who prefers light and stiff characteristics.



## BRAČA VIII

Brača VIII x-max  
Brača VIII max  
Brača VIII min



**Brača VIII** is a line of Brača paddles, based on the latest innovative blade concept.

It was designed and engineered to facilitate a softer catch and generation of the smooth, precise and consistent strokes.

**Brača VIII** is available in three blade sizes *min*, *max* and *x-max* to match the performance requirements of the vast variety of athletes.

TECHNICAL PARAMETERS OF TEAR-DROP MODELS

	Blade			Shaft			Carbon content (%)		Weight (g/oz)	Extra Light model Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm) Kevlar Tips	Stiffness (mm)	Full Adjustable	4 pc split	Blade	Shaft		
Brača I max	840/130.2	52.0	17.5	2.2 - 2.3	o	o	100	100	795/28.0	680/24.0
Brača I Marathon max	840/130.2	52.0	17.5	2.2 - 2.3	o	o	100	100	750/26.5	
Brača I min	805/124.8	51.6	17.0	2.5 - 2.6	o	o	100	100	770/27.2	650/22.9
Brača I Marathon min	805/124.8	51.6	17.0	2.5 - 2.6	o	o	100	100	750/26.5	
Brača I s-min	790/122.2	51.4	16.9	2.5 - 2.6	o	o	100	100	750/26.5	620/21.9
Brača IV max	765/118.6	50.0	16.8	2.7 - 2.8	o	o	100	100	650/22.9	600/21.2
Brača IV Marathon max	765/118.6	50.0	16.8	2.7 - 2.8	o	o	100	100	670/23.6	
Brača IV max 60	765/118.6	50.0	16.8	4.3 - 4.6	o	o	50	60	780/27.5	
Brača IV min	735/113.9	49.5	16.3	2.8 - 2.9	o	o	100	100	650/22.9	580/20.5
Brača IV Marathon min	735/113.9	49.5	16.3	2.8 - 2.9	o	o	100	100	670/23.6	
Brača IV min 60	735/113.9	49.5	16.3	4.3 - 4.6	o	o	50	60	780/27.5	
Brača IV s-min	705/109.2	49.0	15.8	2.8 - 2.9	o	o	100	100	650/22.9	560/19.8
Brača IV s-min 60	705/109.2	49.0	15.8	4.3 - 4.6	o	o	50	60	780/27.5	
Brača FW max	635/98.4	45.3	15.1	3.0 - 3.1	o	o	100	100	600/21.2	
Brača Children max	635/98.4	45.3	15.1	4.7 - 4.9	o	o	50	60	750/26.5	
Brača FW min	610/94.5	45.0	14.4	3.0 - 3.1	o	o	100	100	600/21.2	
Brača Children min	610/94.5	45.0	14.4	4.7 - 4.9	o	o	50	60	750/26.5	
Brača II max	835/129.4	52.0	17.5	2.2 - 2.3	o	o	100	100	795/28.0	680/24.0
Brača II min	815/126.3	51.6	17.0	2.5 - 2.6	o	o	100	100	770/27.2	650/22.9
Brača II s-min	790/122.2	51.4	16.8	2.5 - 2.6	o	o	50	60	750/26.5	620/21.9
Brača VIII x-max	837/129.7	57.5	15.5	2.2 - 2.3	o	o	100	100	750/26.5	
Brača VIII max	799/123.8	57.4	15.0	2.5 - 2.6	o	o	100	100	750/26.5	
Brača VIII min	767/118.9	57.3	14.6	2.7 - 2.8	o	o	100	100	750/26.5	

# PARALEL-EDGE MODELS

## **BRAČA III**

Brača III  
Brača III 60



**Brača III** is the 'parallel-edge' model and is the preferred paddle of lighter male athletes.

**Brača III 60** is designed for the paddlers who prefer softer blade and shaft.

## **BRAČA V**

Brača V



**Brača V** is the latest update of the traditional 'parallel edge' concept. It is recommended for paddlers who prefer this shape to the more aggressive 'tear-drop' shape.

## **BRAČA KID**

Brača Kid max  
Brača Kid min  
Brača Kid s-min



**Brača Kid** is a 'parallel-edge' blade with proportionally smaller blade size and with proprietary material characteristics and mechanics of the paddle that are specifically designed to fit children's psychology, enabling absorption of impact from each paddle stroke reducing shock on the shoulders, elbows and wrists and ultimately reducing common kayak injuries.

### TECHNICAL PARAMETERS OF PARALEL-EDGE MODELS

	Blade			Shaft			Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Stiffness (mm)	Full Adjustable	4 pc-split	Blade	Shaft	
Brača III	755/117.0	53.0	15.5	2.5 - 2.7	o	o	100	100	750/26.5
Brača III 60	755/117.0	53.0	15.5	4.3 - 4.6	o	o	50	60	850/28.3
Brača V	810/125.5	52.0	17.1	2.4 - 2.6	o	o	100	100	750/26.5
Brača Kid max	655/101.5	46.5	15.0	4.7 - 4.9	o	o	50	60	750/26.5
Brača Kid min	615/95.3	46.0	14.0	4.7 - 4.9	o	o	50	60	730/25.7
Brača Kid s-min	580/89.9	45.2	13.3	4.7 - 4.9	o	o	50	60	700/24.7

# EXTREME TEAR-DROP MODELS

## BRAČA VI

Brača VI max  
Brača VI min  
Brača VI s-min



**Brača VI** and **Brača VII** are design with more extreme 'tear-drop' shape, which facilitates a very powerful catch.

This design facilitates application of all power in the beginning of the stroke (catch). In these models the blade is fitted into the shaft.

## BRAČA VII

Brača VII max  
Brača VII min  
Brača VII s-min



**Brača Junior** is an exact copy of the Brača VI and Brača VII with proportionally smaller blade size and with proprietary material characteristics and mechanics of the paddle that are specifically designed to fit children's psychology, enabling absorption of impact from each paddle stroke reducing shock on the shoulders, elbows and wrists and ultimately reducing common kayak injuries

**Brača Junior 100** (both *min* and *max*) has an increased carbon content.

## BRAČA JUNIOR

Brača Junior max  
Brača Junior max 100  
Brača Junior min  
Brača Junior min 100



### TECHNICAL PARAMETERS OF EXTREME TEAR-DROP MODELS

	Blade			Shaft		Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Stiffness (mm)	Full Adjustable 4 pc split	Blade	Shaft	
Brača VI max	780/120.9	52.0	17.5	2.7 - 2.8	o o	100	100	750/26.5
Brača VI min	765/118.6	51.7	17.1	2.8 - 2.9	o o	100	100	750/26.5
Brača VI s-min	750/116.2	51.5	17.0	2.8 - 2.9	o o	100	100	750/26.5
Brača VII max	745/115.4	49.3	16.7	2.8 - 2.9	o o	100	100	700/24.7
Brača VII min	725/112.3	48.9	16.4	2.8 - 2.9	o o	100	100	700/24.7
Brača VII s-min	710/110.0	48.7	16.2	2.8 - 2.9	o o	100	100	700/24.7
Brača Junior max	685/106.2	48.7	15.5	4.3 - 4.6	o o	50	60	800/28.2
Brača Junior max 100	685/106.2	48.7	15.5	3.2 - 3.4	o o	100	100	600/21.2
Brača Junior min	665/103.1	48.4	15.2	4.3 - 4.6	o o	50	60	800/28.2
Brača Junior min 100	665/103.1	48.4	15.2	3.2 - 3.4	o o	100	100	600/21.2

# HYBRID (FUSION) MODELS

## BRAČA IX

Brača IX max  
Brača IX min



**Brača IX** and **Brača X** is the new line of Brača paddles. It was engineered using advance kinetic, biomechanical and advance material science concepts to combine the best characteristics from multiple paddle designs into one hybrid model.

The revolutionary idea enables the paddle to provide different characteristics during each phase of the stroke (catch, drive and exit).

It has very firm catch, and than transitions to the smooth medium power drive and effortless and much forgiven exit.

## BRAČA X

Brača X max  
Brača X min



**Brača Down River** is the new line of Brača paddles designed, constructed and optimized specifically for downriver competition. It was engineered using advanced material since concepts to provide unique combination of the stiff and extremely durable blade and soft and light shaft.

The paddle is designed to facilitate a very sharp catch enabling quick and maximum velocity control of the boat.

## BRAČA DOWN RIVER



### TECHNICAL PARAMETERS OF HIBRID (FUSION) MODELS

	Blade			Shaft			Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm) Kevlar Tips	Stiffness (mm)	Full Adjustable 4 pc split Shaft code	Blade	Shaft		
Brača IX max	765/118.6	52.0	16.2	2.5 - 2.6	o o	100	100	750/26.5	
Brača IX min	740/114.7	51.5	15.9	2.5 - 2.6	o o	100	100	750/26.5	
Brača X max	705/109.3	50.0	15.3	2.8 - 2.9	o o	100	100	650/22.9	
Brača X min	680/105.4	49.5	15.0	2.8 - 2.9	o o	100	100	650/22.9	
Brača Down River	705/19.3	49.0	15.2	HARD 2.8 - 2.9 SOFT 4.3 - 4.6	o o o o	100 100	100 50	580/20.5 630/22.2	



**Tim Brabants (UK),**  
Beijing 2008 Olympic Games  
K-1 Men 1000 m Gold Medal,  
K-1 Men 500 m Bronze Medal



**Inna Osypenko-Radomska (Ukraine),**  
Beijing 2008 Olympic Games  
K-1 Women 500 m Gold Medal



**Katalin Kovacs, Natasa Janic (Hungary),**  
Beijing 2008 Olympic Games  
K-2 Women 500 m Gold Medal



**Josefa Idem (Italy),**  
Beijing 2008 Olympic Games  
K-1 Women 500 m Silver Medal



**Saul Craviotto, Carlos Perez (Spain),**  
Beijing 2008 Olympic Games  
K-2 Men 500 m Gold Medal



**Raman Piatrushenka, Aliaksei Abalmasau, Artur Litvinchuk, Vadzim Makhneu (Belarus),**  
Beijing 2008 Olympic Games  
K-4 Men 1000 m Gold Medal



**Katalin Kovacs, Gabriella Timea Szabo, Danuta Kozak, Natasa Janic (Hungary),**  
Beijing 2008 Olympic Games  
K-4 Women 500 m Silver Medal



**David Cal (Spain),**  
Beijing 2008 Olympic Games  
C1 500 m Silver Medal,  
C1 1000 m Silver Medal



**Thomas Hall (Canada),**  
Beijing 2008 Olympic Games  
C1 1000 m Bronze Medal



**Gyorgy Kozmann, Tamas Kiss (Hungary),**  
Beijing 2008 Olympic Games  
C2 1000 m Bronze Medal



**Maxim Opalev (Russia),**  
Beijing 2008 Olympic Games  
C1 500 m Gold Medal



**Guanliang Meng, Wenjun Yang (China),**  
Beijing 2008 Olympic Games  
C2 500 m Gold Medal



**Attila Sandor Vajda (Hungary),**  
Beijing 2008 Olympic Games  
C1 1000 m Gold Medal



**Andrei Bahdanovich, Aliaksandr Bahdanovich (Belarus),**  
Beijing 2008 Olympic Games  
C2 1000 m Gold Medal



**Sergey Ulegin, Alexander Kostoglod (Russia),**  
Beijing 2008 Olympic Games  
C2 500 m Silver Medal

# CANOE GERE MODELS

**Brača Canoe Gere**  
Standard  
Hard



**Brača Canoe Gere Standard** - designed using production techniques derived from many decades of experience delivering functionality to satisfy the requirements of the majority of athletes.

**Brača Canoe Gere Hard** - design for strong (90 kg / 198 lb plus) athletes, with added stiffness and slightly heavier.

**Brača Canoe Gere**  
Neptun



**Brača Canoe Gere Neptun** - an unique design with the highest possible performance.

Lacquered and highly polished blade surface, pronounced shaping and the use of top quality materials give this blade superb finish and its outstanding properties.

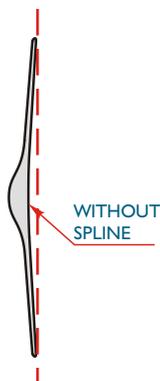
TECHNICAL PARAMETERS OF CANOE GERE MODELS

	Surface Area (sq.cm/sq.in)	Blade		Neck			Shaft			Weight (g/oz)
		Length (cm)	Width (cm)	Wooden	Glass Fiber	Carbon	Stiffness (mm)	Carbon content (%)	Full Adjustable	
Brača Canoe Gere Standard	908/140.7-1116/173.0	54-56	20-22	•	•	•	1.8 - 2.0	100	•••	900/31.7
Brača Canoe Gere Hard	908/140.7-1116/173.0	54-57	22-23	•	•	•	1.3 - 1.5	100	•••	900/31.7
Brača Canoe Gere Neptun	908/140.7-1116/173.0	54-56	20.5-22	•	•	•	1.8 - 2.0	100	•••	900/31.7

# CANOE MODELS

## BRAČA CANOE

Brača Canoe 20  
Brača Canoe 21.5

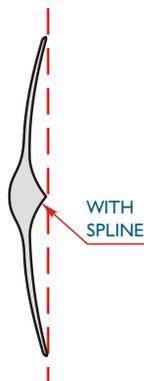


**Brača Canoe 20** and **Brača Canoe 21.5** are an exact copy of the wooden blade paddle (see previous model Brača Canoe Gere).

Using these paddles one achieves the grip of a wooden paddle; these paddles have higher outer mechanical strength and impact resistance.

## BRAČA CANOE

Brača Canoe Medium  
Brača Canoe Uni 2000



**Brača Canoe Medium** is designed with the option of stabilizing central spline on the blade. It has a specific, non-uniformly distributed catch.

This shape allows the paddler to perform the most effective straight strokes (it doesn't 'run aside') and steering against the wind becomes less complicated.

**Brača Canoe Uni 2000** uses the same shape as Brača Canoe Medium but has a wide scale of sizes. This must be specified when ordering.

### TECHNICAL PARAMETERS OF CANOE MODELS

	Blade		Shaft		Wooden Handle	Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Stiffness (mm)		Full Adjustable	Blade	
Brača Canoe 20	960/148.8	59.5	20	2.1 - 2.3	o o	•	100 100	700/24.7
Brača Canoe 21.5	1038/160.9	59.5	21.5	1.8 - 2.0	o o	•	100 100	750/26.5
Brača Canoe Medium	1038/160.9	59.5	21.5	1.8 - 2.0	o o	•	100 100	800/28.2
Brača Canoe Uni 2000	908/140.7-1116/173.0	54-59.5	19-23	1.8 - 2.0	o o	•	100 10	800/28.2

# CANOE MODELS

## **BRAČA CANOE** Brača Canoe Children



**Brača Canoe Children** is an exact copy of the Brača Canoe Uni 2000 with proportionally smaller blade size and with proprietary material characteristics and mechanics of the paddle that are specifically designed to fit children's psychology, enabling absorption of impact from each paddle stroke reducing shock on the shoulders, elbows and wrists and ultimately reducing common kayak injuries.

## **BRAČA CANOE** **UNI EXTRA WIDE**



**Brača Canoe Uni Extra Wide** is the new line of Brača paddles designed and engineered to facilitate a very quick and powerful catch. This design facilitates application of all power in the beginning of the stroke (catch) and effortless exit

### TECHNICAL PARAMETERS OF CANOE MODELS

	Blade		Shaft		Wooden Handle	Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Stiffness (mm)		Full Adjustable	Blade	
Brača Canoe Children	665/103.1-775/120.1	47-50	16 - 18.5	4.5 - 4.8	o o	•	100 100	640/22.6
Brača Canoe Uni Extra Wide	990/153.5-1097/170.0	50	23 - 24.5 24.5 - 26	1.8 - 1.9 1.6 - 1.7	o o	•	100 100 100 100	750/26.5 780/27.5

# OUTRIGGER, DRAGON AND STAND UP (SUP) MODELS

## BRAČA CANOE OUTRIGGER



**Brača Canoe Outrigger**, a lightweight, durable carbon paddle, modeled after a classic Hawaiian design.

## BRAČA DRAGON



**Brača Dragon** paddle complies with the IDBF Paddle Specification 202a and is licensed or approved for competition use under the IDBF Governing Bodies Standard Racing Paddle Approval Scheme.

Brača Dragon paddles are authorized for use in Championship events, and all formal Sport Racing competitions, that is, those races held under the Competition Regulations and Racing Rules of the IDBF and its Members, and for any kind of informal competition, training or general dragon boating.

### IDBF SPORT PADDLE

Specification 202a  
Manufacturer's Mark



**(Brača Paddle)**

(Registered Manufacturer)

Licence Number: 3061

EACH BLADE CARRIES  
MANUFACTURER'S PADDLE MARK

## BRAČA STAND UP



**Brača Stand Up (SUP)** was specially designed for stand up surf paddling. The advance kinetic characteristics with natural shock absorbing are the signature of our mechanical energy paddle™.

### TECHNICAL PARAMETERS OF OUTRIGGER, DRAGON AND STAND UP (SUP) MODELS

	Blade		Shaft		Wooden Handle	Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm) Width (cm)	Stiffness (mm)	Full Adjustable		Blade	Shaft	
Brača Canoe Outrigger	755/117.0	49 22.7	2.7 - 2.9	o	•	100	100	500/17.6
Brača Dragon	specified by IDBF		2.7 - 2.9	o	•	100	100	400/14.1
Brača Stand Up (SUP)	755/117.0	48 17.7	2.7 - 2.9	o	•	100	100	580/20.5

# TRADITIONAL MODELS

## **BRAČA TYPHOON**

Brača Typhoon 20  
Brača Typhoon 60  
Brača Typhoon 100



**Brača Typhoon** has been designed to provide well balanced characteristics of lightness, ease of use and extreme durability.

It has a very clean center spline, incorporated into the blade for optimal tracking stability.

Its exceptional strength fully withstands intense conditions and performs flawlessly in the open ocean, rivers and lakes.

## **BRAČA TORNADO**

Brača Tornado 20  
Brača Tornado 60  
Brača Tornado 100



**Brača Tornado** is our non-spline paddle model.

It is designed to provide very clean and efficient paddle strokes, delivers increased power for acceleration and optimized for work in the surf zone.

Its exceptional strength fully withstands intense conditions and performs flawlessly in the extreme conditions of the open ocean.

# TRADITIONAL MODELS

## BRAČA HURRICANE

- Brača Hurricane 20 max
- Brača Hurricane 20 min
- Brača Hurricane 60 max
- Brača Hurricane 60 min
- Brača Hurricane 100 max
- Brača Hurricane 100 min



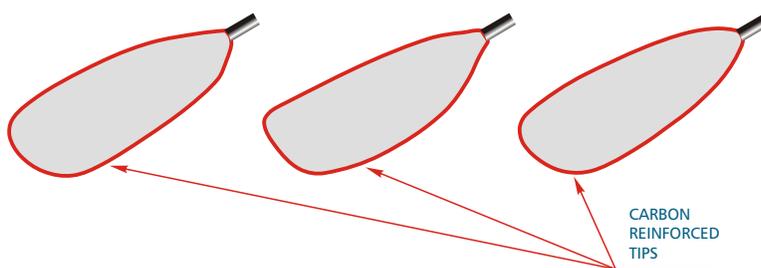
**Brača Hurricane** is the latest paddle in the Brača touring line.

Its design is based on the Typhoon, with following modifications: slightly reduced blade surface area and offset spline height to provide more efficient catch, tracking and exit.

Its exceptional strength fully withstands intense conditions and performs flawlessly in the open ocean, rivers and lakes.

This is a perfect paddle for touring and long races for the paddlers who prefer the traditional shape over a wing blade.

All traditional sea kayak models have carbon reinforced tips.



### TECHNICAL PARAMETERS OF TRADITIONAL MODELS

	Blade			Kevlar Tips	Shaft			Carbon content (%)		Weight (g/oz)	
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)		Stiffness (mm)	Full Adjustable	2 pc split	Blade	Shaft		
Brača Typhoon 20	690/106.9	47.2	18.7	•	4.3 - 4.6	o	o	o	50	20	900/31.7
Brača Typhoon 60	690/106.9	47.2	18.7	•	3.2 - 3.4	o	o	o	75	60	840/29.6
Brača Typhoon 100	690/106.9	47.2	18.7	•	2.7 - 2.9	o	o	o	100	100	700/28.3
Brača Tornado 20	675/104.6	46.0	17.9	•	4.7 - 4.9	o	o	o	50	20	900/31.7
Brača Tornado 60	675/104.6	46.0	17.9	•	3.3 - 3.5	o	o	o	75	60	840/29.6
Brača Tornado 100	675/104.6	46.0	17.9	•	2.8 - 2.9	o	o	o	100	100	700/28.3
Brača Hurricane max 20	720/111.6	48.0	18.7	•	4.7 - 4.9	o	o	o	50	20	900/31.7
Brača Hurricane max 60	720/111.6	48.0	18.7	•	3.3 - 3.5	o	o	o	75	60	840/29.6
Brača Hurricane max 100	720/111.6	48.0	18.7	•	2.8 - 2.9	o	o	o	100	100	700/28.3
Brača Hurricane min 20	660/102.3	46.0	17.5	•	4.7 - 4.9	o	o	o	50	20	900/31.7
Brača Hurricane min 60	660/102.3	46.0	17.5	•	3.3 - 3.5	o	o	o	75	60	840/29.6
Brača Hurricane min 100	660/102.3	46.0	17.5	•	2.8 - 2.9	o	o	o	100	100	700/28.3

# CANOE POLO MODELS

## BRAČA POLO SPOON



**Brača Polo Spoon** is recommended for defensive play and for goaltenders. It has superb ball handling ability.

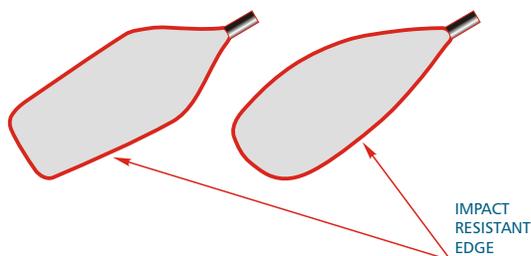
Because of the nature of their use, these paddles are made from highly impact resistant materials. The blade has an impact resistant edge all around and is filled with reinforced Polystyrol foam.

Unique non-slip bands on these blades lend extra control when handling the ball. **Brača Polo Kinetic** is ideally suited for offensive play with excellent sprint characteristics and ball control.

Because of the nature of their use, these paddles are made from highly impact resistant materials. The blade has an impact resistant edge all around and is filled with reinforced Polystyrol foam.

## BRAČA POLO KINETIC

Brača Polo Kinetic max  
Brača Polo Kinetic min



### TECHNICAL PARAMETERS OF CANOE POLO MODELS

	Blade			Shaft		Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Stiffness (mm)	Full Adjustable 2 pc split	Blade	Shaft	
Brača Polo Spoon	690/106.9	43.5	19.8	• 2.2 - 2.4	◦	100	80	900/31.7
Brača Polo Kinetic max	735/113.9	46	20.7	• 2.2 - 2.4	◦	100	80	900/31.7
Brača Polo Kinetic min	660/102.3	45.5	19.6	• 2.2 - 2.4	◦	100	80	870/30.7

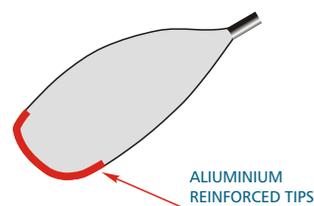
# SLALOM AND FREESTYLE MODELS

## BRAČA SLALOM KINETIC



A strong, tough and durable paddle.

**Brača Slalom Kinetic** has aluminum reinforced tips for added impact resistance.



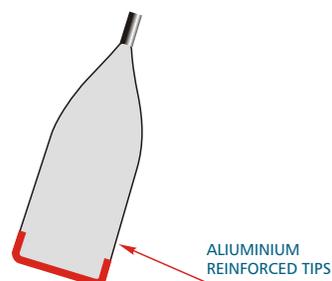
## BRAČA CANOE SLALOM ROCKY



**Brača Canoe Slalom Rocky** is the new line of Brača paddles.

It was engineered using advance kinetic, bio-mechanical and advance material science concepts to produce the strongest and lightest paddle possible matching the performance and durability requirements of the vast variety of athletes.

The blade has an aluminum reinforced tips for added impact resistance.



### TECHNICAL PARAMETERS OF SLALOM AND FREESTYLE MODELS

	Blade			Shaft		Carbon content (%)		Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Aluminium	Stiffness (mm)	Full Adjustable	Blade Shaft	
Brača Slalom Kinetic	695/107.7	45.5	19.9	•	2.6 - 2.8	◦	100 100	840/29.6
Brača Canoe Slalom Rocky	805/124.8	49	20.2	•	2.7 - 2.8	◦	100 100	550/19.4

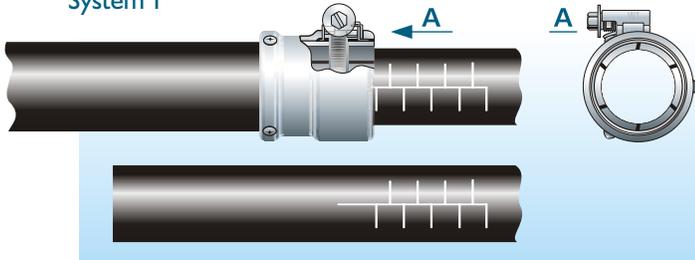


**Robbie Hegedus** Polar Defence Project

# SHAFTS

## BRAČA ADJUSTABLE SHAFTS FOR KAYAK

System I



System II

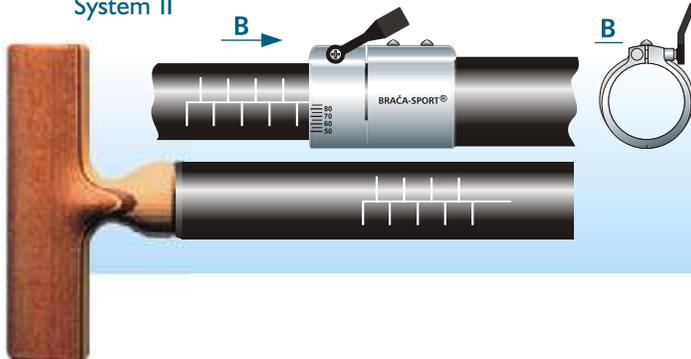


All kayak paddles are available with the adjustable shaft option **System I** and **System II** and all Canoe and Stand UP (SUP) paddles are available with the adjustable shaft option System II.

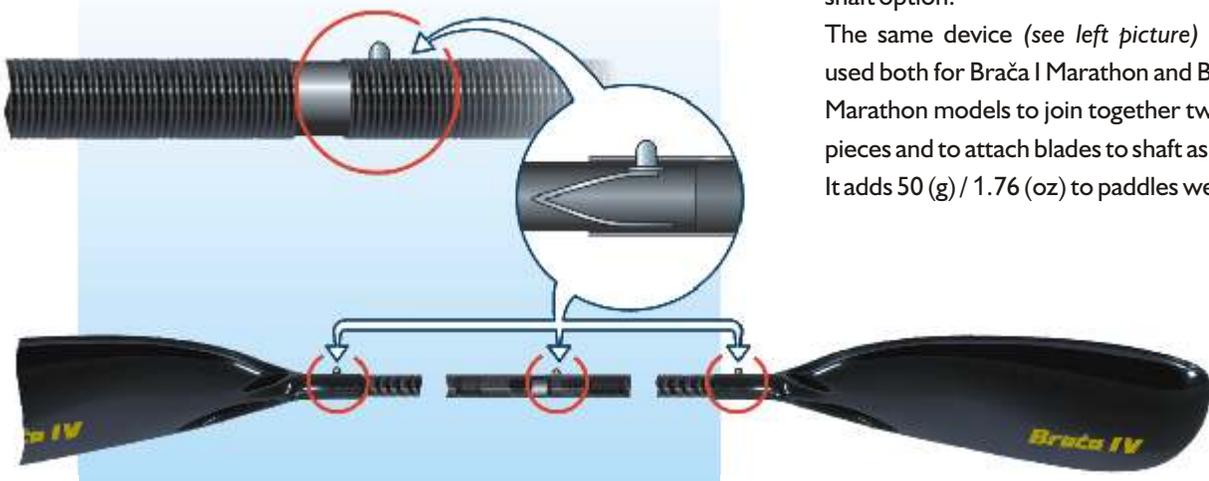
If used in salt water conditions the paddle should be thoroughly rinsed in fresh water immediately after use. If used in fresh water conditions, the paddle should be thoroughly rinsed and cleaned every two weeks. Adjustable shaft weight is 60 (g) / 2.11 (oz) heavier

## BRAČA ADJUSTABLE SHAFTS FOR CANOE

System II



## BRAČA SPLIT SHAFTS



**Split Shafts** - Sea kayak and touring paddles are available with two pieces split shaft option.

The same device (see left picture) can be used both for Brača I Marathon and Brača IV Marathon models to join together two shaft pieces and to attach blades to shaft as well. It adds 50 (g) / 1.76 (oz) to paddles weight.

# ACCESSORIES

## BRAČA COVERS



To protect paddles from damage, we offer covers made of special, highly durable fabrics.

It's constructed with tear-resistant micro ripstop nylon and closed-cell foam padding. Stitched with heavy duty thread with reinforced ends and heavy duty zippers.

The Brača-Sport Universal paddle cover adapts to fit different blade sizes, shaft types (*full, split and adjustable*) and adjusts to accommodate different shaft lengths.

	Material	Length (cm)
Universal Kayak Cover S	Nylon	200 - 214
Universal Kayak Cover L	Nylon	214 - 227
Universal Canoe Cover S	Nylon	155 - 175
Universal Canoe Cover L	Nylon	175 - 190
Dragon Cover	Nylon	135

## BRAČA HI-TECH T-SHIRTS



The ultimate technical shirt for kayaking, canoeing and other activities. Features comfortable protection combined with lightweight, moisture-wicking, highly breathable fabric for the ultimate racing, training and recreational experience.

Fabric wicks moisture away from the body and allows you to dry quickly when you sweat or when you get wet.

Brača's R&D team worked closely with athletes to reach the optimum in performance apparel.

Brača High-Tech T-shirt	Material	Length (cm)				
		Small	Medium	Large	X-Large	XX-Large
Men's	DryClim	44/158	46/170	48/176	50/182	54/188
Women's	DryClim	44/164	46/170	48/170	50/182	52/182
Boy's	DryClim	38/146	40/146	42/152		
Girl's	DryClim	38/146	40/146	42/152		

## BRAČA POGIES



Brača-Sport Pogies provide water and wind protection for your hands while still allowing direct hand contact with your paddle.

# ACCESSORIES

## **BRAČA PERFORMANCE T-SHIRTS**



The BRAČA-SPORT® Performance Thermal T-shirt is engineered for high-performance workouts and competition and offers a unique balance between zoned thermal compression and ventilation and provides superior moisture management capabilities.

- Provides enhanced airflow and highly breathable
- Transports moisture away from the body and keeps the skin dry
- Reduces skin temperature during intense workout and competition

Sizes: XS, S, M, L, XL (Unisex).

## **BRAČA SPRYSKIRT**



Brača-Sport spray skirts designed to fit all ICF and most fitness touring kayaks and have been tested by Brača's R&D team in all weather conditions.

- Features a wide comfortable neoprene and Velcro® adjustable waistband.
- Durable mid-weight nylon is coated for total water resistance
- Strong bungee rim gripping system secures skirt firmly to the cockpit
- Double-stitched construction with sealed seams ensures long-lasting wear and water resistance

## **BRAČA CAP**



Brača-Sport Cap is great fitting and perfect for everyday and after sport use.

- 100% cotton construction is durable and comfortable for long-lasting wear
- Velcro® closure quickly adjusts to the right size for your head
- Anti-glare lower brim eliminates light reflection and distraction
- Low-profile, relaxed fit is perfect for both men and women

## **BRAČA CANOE KNEE PAD**



Brača Canoe Knee Pad made from lightweight and durable closed mini-cell foam that can be shaped for a custom fit and superior comfort.



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