

production line • issue 14 • 2015

Paddles and Accessories



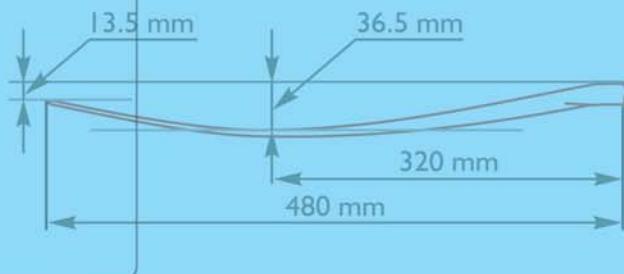
Braca-sport®
www.braca-sport.com

official service:

olympic games ATHENS 2004

olympic games BEIJING 2008

olympic games LONDON 2012



MISSION AND PHILOSOPHY



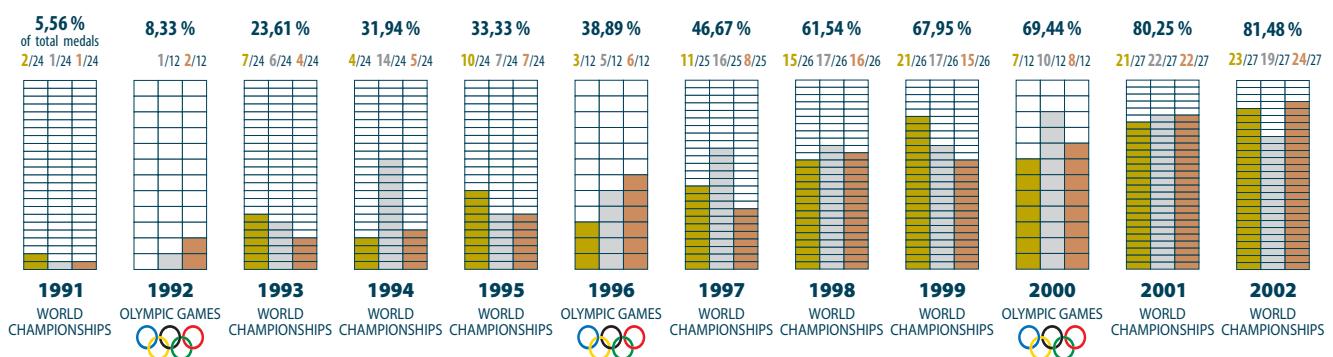
BRAĆA-SPORT® mission and philosophy is to design, develop and produce the best performing paddle for every paddler. We believe that each paddler has different needs and therefore each paddle should be uniquely designed. Different designs work better for different paddlers and environments. Our goal is 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 by 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 on the market. The diverse range of specific and fine grain materials is the key improvement enabler of the paddle's performance characteristics.



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





Together with proprietary multi-layer and multi-characteristic lay-up methods of a 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 guarantees 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 young adults. Our proprietary material characteristics and mechanics of the paddle are specifically designed to fit children's physiology. It enables the absorption of impact from each paddle stroke, therefore reducing shock on the shoulders, elbows and wrists and ultimately decreasing common kayak injuries. The above technological methods are also used to design and develop paddles for recreational and senior paddlers.

KEY FACTS

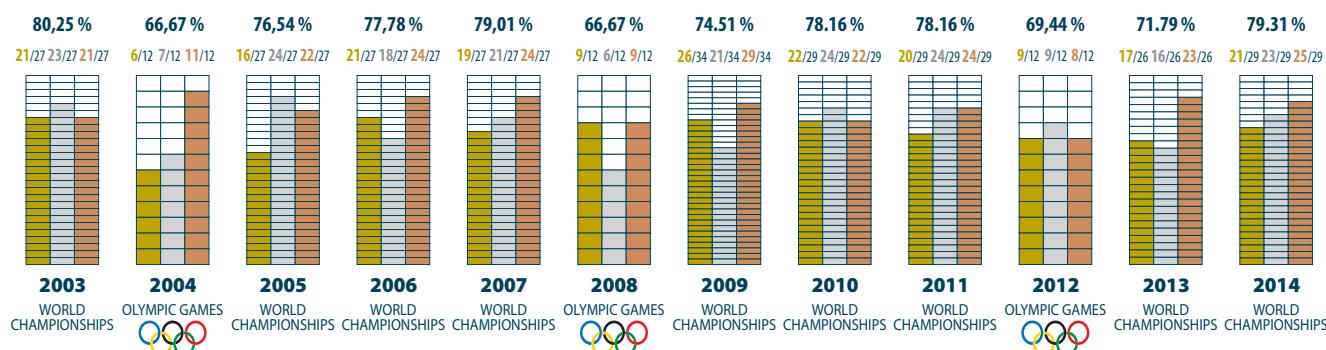
- Original inventor of the 'tear-drop' concept.
- The only manufacturer to engineer and produce carbon fabrics and paddles.
- World's first and only mechanical energy paddle.
- More than 300 years of combined engineering experience, including aerospace, advanced composite materials science, biomechanics and kinetics, mechanical, electrical, chemical and software engineering.
- Built to suit different styles, techniques and physical characteristics of each paddler.
- 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 at every level, from world class athletes to children and recreational paddlers.
- Superb durability and outstanding performance.
- Over 750 Olympic Games and World Championships medals.
- The lowest breakage rate in the industry.
- The majority of today's world class paddlers make **BRAČA-SPORT®** their #1 choice.

All blades and shafts are made from **unidry®** and **unipreg®** materials.
More information on the website www.unicarbon.com.



TEAR-DROP MODELS

BRAČA I

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



BRAČA IV

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



BRAČA CHILDREN

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



BRAČA II

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



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 power in the beginning (catch) and in the middle of the stroke, enabling capabilities to obtain the "ultimate" forward stroke.

Brača I and **Brača IV** are available with Marathon blade construction. This is the result of advanced technology and 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 downriver conditions.

Brača I and **Brača IV** are available in the extra light and stiff construction for the athlete who prefers light and stiff characteristics.

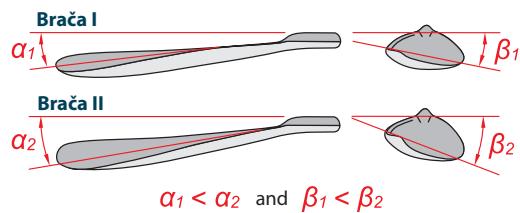


Brača IV 60 is designed for the paddler who prefers a softer blade and shaft.

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

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

Brača II is available in the extra light and stiff construction for the athlete who prefers light and stiff characteristics.



TEAR-DROP MODELS

BRAČA VIII

Brača VIII x-max
Brača VIII max
Brača VIII min

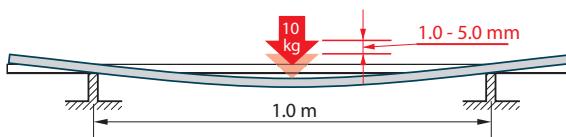


Brača VIII is a line of **Brača paddles** based on the latest innovative blade concept.

It was designed and engineered to facilitate a softer catch and generation of 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.

SHAFT STIFFNESS MEASUREMENT PROCESS



TECHNICAL PARAMETERS OF TEAR-DROP MODELS

	Blade Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Kevlar Tips	Shaft Stiffness (mm)	Full Adjustable	4 pc split	Carbon content (%)	Blade Shaft	Weight (g/oz)
Brača I max	840/130.2	52.0	17.5		2.2 - 2.4	○ ○ ○	○ ○ ○	100	100	780/27.5
Brača I max Extra Light	840/130.2	52.0	17.5		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	680/24.0
Brača I s-max	820/127.1	51.8	17.2		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	770/27.2
Brača I s-max Extra Light	820/127.1	51.8	17.2		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	660/23.3
Brača I min	805/124.8	51.6	17.0		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	760/26.8
Brača I min Extra Light	805/124.8	51.6	17.0		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	650/22.9
Brača I min Marathon	805/124.8	51.6	17.0	•	2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	760/26.8
Brača I s-min	790/122.2	51.4	16.9		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	740/26.1
Brača I s-min Extra Light	790/122.2	51.4	16.9		2.9 - 3.0	○ ○ ○	○ ○ ○	100	100	620/21.9
Brača IV max	765/118.6	50.0	16.8		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	650/22.9
Brača IV max Extra Light	765/118.6	50.0	16.8		2.9 - 3.0	○ ○ ○	○ ○ ○	100	100	600/21.2
Brača IV max Marathon	765/118.6	50.0	16.8	•	2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	650/22.9
Brača IV max 60	765/118.6	50.0	16.8		3.2 - 3.4	○ ○ ○	○ ○ ○	50	60	780/27.5
Brača IV min	735/113.9	49.5	16.3		2.9 - 3.0	○ ○ ○	○ ○ ○	100	100	640/22.6
Brača IV min Extra Light	735/113.9	49.5	16.3		3.1 - 3.2	○ ○ ○	○ ○ ○	100	100	580/20.5
Brača IV min Marathon	735/113.9	49.5	16.3	•	2.9 - 3.0	○ ○ ○	○ ○ ○	100	100	640/22.6
Brača IV min 60	735/113.9	49.5	16.3		3.2 - 3.4	○ ○ ○	○ ○ ○	50	60	770/27.2
Brača IV s-min	705/109.2	49.0	15.8		3.1 - 3.2	○ ○ ○	○ ○ ○	100	100	630/22.2
Brača IV s-min Extra Light	705/109.2	49.0	15.8		3.3 - 3.4	○ ○ ○	○ ○ ○	100	100	560/19.8
Brača IV s-min Marathon	705/109.2	49.0	15.8	•	3.1 - 3.2	○ ○ ○	○ ○ ○	100	100	630/22.2
Brača IV s-min 60	705/109.2	49.0	15.8		3.2 - 3.4	○ ○ ○	○ ○ ○	50	60	760/26.8
Brača IV xs-min	635/98.4	45.3	15.1		3.2 - 3.4	○ ○ ○	○ ○ ○	100	100	600/21.2
Brača IV xs-min Marathon	635/98.4	45.3	15.1	•	3.2 - 3.4	○ ○ ○	○ ○ ○	100	60	600/21.2
Brača FW max	635/98.4	45.3	15.1		3.1 - 3.2	○ ○ ○	○ ○ ○	100	100	600/21.2
Brača Children max	635/98.4	45.3	15.1		4.7 - 4.9	○ ○ ○	○ ○ ○	50	60	750/26.5
Brača FW min	610/94.5	45.0	14.4		3.1 - 3.2	○ ○ ○	○ ○ ○	100	100	580/20.5
Brača Children min	610/94.5	45.0	14.4		4.7 - 4.9	○ ○ ○	○ ○ ○	50	60	740/26.1
Brača II max	835/129.4	52.0	17.5		2.2 - 2.4	○ ○ ○	○ ○ ○	100	100	780/27.5
Brača II max Extra Light	835/129.4	52.0	17.5		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	680/24.0
Brača II s-max	820/127.1	51.8	17.2		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	770/27.2
Brača II s-max Extra Light	820/127.1	51.8	17.2		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	660/23.3
Brača II min	815/126.3	51.6	17.0		2.5 - 2.6	○ ○ ○	○ ○ ○	100	100	760/26.8
Brača II min Extra Light	815/126.3	51.6	17.0		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	650/22.9
Brača II s-min	790/122.2	51.4	16.9		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	740/26.1
Brača II s-min Extra Light	790/122.2	51.4	16.9		2.9 - 3.0	○ ○ ○	○ ○ ○	100	100	620/21.9
Brača VIII x-max	837/129.7	57.5	15.5		2.2 - 2.4	○ ○ ○	○ ○ ○	100	100	750/26.5
Brača VIII max	799/123.8	57.4	15.0		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	730/25.8
Brača VIII min	767/118.9	57.3	14.6		2.7 - 2.8	○ ○ ○	○ ○ ○	100	100	710/25.0

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

EXTREME TEAR-DROP MODELS

BRAČA VI

Brača VI max
Brača VI min
Brača VI s-min



Brača VI and **Brača VII** are designed with a 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) only. In these models the blade is fitted into the shaft.

BRAČA VII

Brača VII max
Brača VII min
Brača VII s-min



BRAČA JUNIOR

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



Brača Junior is an exact copy of the **Brača VI** and **Brača VII** with proportionally smaller blade size and with proprietary material characteristics.

The mechanics of the paddle are specifically designed to fit children's physiology. It enables the absorption of impact from each paddle stroke, therefore reducing shock on the shoulders, elbows and wrists and ultimately decreasing common kayak injuries.

Brača Junior 100 is also available in standard (100% carbon) construction.

EXTREME TEAR-DROP MODELS

NEW BRAČA XI VAN DUSEN '92

NEW Brača XI x-max	NEW Brača XI x-min
NEW Brača XI x-max Extra Light	NEW Brača XI x-min Extra Light
NEW Brača XI max	NEW Brača XI min
NEW Brača XI max Extra Light	NEW Brača XI min Extra Light
NEW Brača XI s-max	NEW Brača XI s-min
NEW Brača XI s-max Extra Light	NEW Brača XI s-min Extra Light
	NEW Brača XI xs-min
	NEW Brača XI xs-min Extra Light



Brača XI Van Dusen '92 is the newest addition to the Brača-Sport paddle line.

It was originally designed by **Ted Van Dusen** in 1992 after three years of development and testing. Due to the high demand, Brača-Sport added this special shaped blade to the product line by purchasing a license from Ted in 2014.

The blade has a special twisted tear-drop shape which facilitates a powerful catch and clean exit. Its movement through the water is different from other Brača-Sport blades, therefore it requires a slightly different paddling technique.

TECHNICAL PARAMETERS OF EXTREME TEAR-DROP MODELS

	Blade Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Shaft		Carbon content (%)	Weight (g/oz)
				Stiffness (mm)	Full Adjustable 4 pc split		
Brača VI max	780/120.9	52.0	17.5	2.7 - 2.8	○ ○	100	100
	765/118.6	51.7	17.1	2.9 - 3.0	○ ○	100	100
	750/116.2	51.5	17.0	3.1 - 3.2	○ ○	100	100
Brača VII max	745/115.4	49.3	16.7	3.1 - 3.2	○ ○	100	100
	725/112.3	48.9	16.4	3.1 - 3.2	○ ○	100	100
	710/110.0	48.7	16.2	3.1 - 3.2	○ ○	100	100
Brača Junior max	685/106.2	48.7	15.5	3.2 - 3.4	○ ○	50	60
	685/106.2	48.7	15.5	2.7 - 2.9	○ ○	100	100
	665/103.1	48.4	15.2	3.2 - 3.4	○ ○	50	60
	665/103.1	48.4	15.2	2.7 - 2.9	○ ○	100	100
NEW Brača XI max	835/129.4	51.9	18.1	2.5 - 2.6	○ ○	100	100
	835/129.4	51.9	18.1	2.5 - 2.6	○ ○	100	100
	815/126.3	51.6	17.6	2.7 - 2.8	○ ○	100	100
	815/126.3	51.6	17.6	2.7 - 2.8	○ ○	100	100
	795/123.2	51.3	17.2	2.7 - 2.8	○ ○	100	100
	795/123.2	51.3	17.2	2.7 - 2.8	○ ○	100	100
	775/120.1	51.1	16.8	2.9 - 3.0	○ ○	100	100
	775/120.1	51.1	16.8	2.9 - 3.0	○ ○	100	100
	760/117.8	51.1	16.0	2.9 - 3.0	○ ○	100	100
	760/117.8	51.1	16.0	2.9 - 3.0	○ ○	100	100
	735/113.9	50.5	15.7	3.1 - 3.2	○ ○	100	100
	735/113.9	50.5	15.7	3.1 - 3.2	○ ○	100	100
	705/109.3	49.8	15.5	3.3 - 3.4	○ ○	100	100
	705/109.3	49.8	15.5	3.3 - 3.4	○ ○	100	100
						560/19.8	

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

PARALLEL-EDGE MODELS

BRAĆA III

Braća III
Braća III 60



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

Braća III 60 is designed for the paddler who prefers a softer blade and shaft.

BRAĆA V

Braća V
Braća V Double Wing



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

BRAĆA KID

Braća Kid max
Braća Kid min
Braća Kid s-min



Braća Kid is a 'parallel-edge' blade with proportionally smaller blade size and with proprietary material characteristics. The mechanics of the paddle are specifically designed to fit children's physiology. It enables the absorption of impact from each paddle stroke, therefore reducing shock on the shoulders, elbows and wrists and ultimately decreasing common kayak injuries.

TECHNICAL PARAMETERS OF PARALLEL-EDGE MODELS

	Blade Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Shaft Stiffness (mm) Full Adjustable 4 pc split	Carbon content (%) Blade Shaft	Weight (g/oz)
Braća III Braća III 60	755/117.0 755/117.0	53.0 53.0	15.5 15.5	2.5 - 2.6 3.2 - 3.4 ○ ○ ○ ○	100 50 100 60	750/26.5 820/28.9
Braća V Braća V Double Wing	810/125.5 860/133.3	52.0 53.0	17.1 17.0	2.5 - 2.6 2.2 - 2.3 ○ ○ ○ ○	100 100 100 100	750/26.5 790/27.9
Braća Kid max Braća Kid min Braća Kid s-min	655/101.5 615/95.3 580/89.9	46.5 46.0 45.2	15.0 14.0 13.3	4.7 - 4.9 4.7 - 4.9 4.7 - 4.9 ○ ○ ○ ○ ○ ○	50 50 50 60 60 60	750/26.5 730/25.7 700/24.7

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

HYBRID (FUSION) MODELS

BRAĆA IX

NEW Braća IX x-max Braća IX min
NEW Braća IX x-max Extra Light **NEW** Braća IX min Extra Light
 Braća IX max
NEW Braća IX max Extra Light



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

BRAĆA X

Braća X max
 Braća X min



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

It has a very firm catch, and then transitions to the smooth, medium power drive and then to an effortless and forgiving exit.

TECHNICAL PARAMETERS OF HYBRID (FUSION) 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	
NEW Braća IX x-max	800/124.0	52.2	16.2	2.5 - 2.6	○	○	100	100	760/26.8
NEW Braća IX x-max Extra Light	800/124.0	52.2	16.2	2.5 - 2.6	○	○	100	100	660/23.3
Braća IX max	765/118.6	51.8	16.0	2.7 - 2.8	○	○	100	100	720/25.4
NEW Braća IX max Extra Light	765/118.6	51.8	16.0	2.7 - 2.8	○	○	100	100	640/22.6
Braća IX min	740/114.7	51.5	15.8	2.9 - 3.0	○	○	100	100	680/24.0
NEW Braća IX min Extra Light	740/114.7	51.5	15.8	2.9 - 3.0	○	○	100	100	620/21.9
Braća X max	705/109.3	50.0	15.3	3.1 - 3.2	○	○	100	100	620/21.9
Braća X min	680/105.4	49.5	15.0	3.1 - 3.2	○	○	100	100	600/21.2

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.



Teneale Hatton (New Zealand)



Louisa Sawers (Great Britain)

2014
ICF Canoe Sprint
World Championships

Moscow, Russia



Gabriella Szabó, Danuta Kozák, Anna Kárász, Ninetta Vad (Hungary)



Mark de Jonge (Canada)



Danuta Kozák (Hungary)



Nebojša Grujić, Marko Novaković (Serbia)

PHOTOS COURTESY OF BALINT VEKASSY



Petter Menning (Sweden)



Erik Vlček, Juraj Tarr (Slovakia)



Anna Kárász, Ninetta Vad (Hungary)



Marta Wałczykiewicz (Poland)



Gabriella Szabó, Tamara Csipes (Hungary)



Ronald Rauhe, Tom Liebscher (Germany)

2014
ICF Canoe Sprint
World Championships

Moscow, Russia



Zoltán Kammerer, Dávid Tóth, Tamás Kulifai, Dániel Pauman (Hungary)



Maryna Pautaran (Belarus)



Miroslav Kirchev (Bulgaria)

PHOTOS COURTESY OF BALINT VEKASSY



Marcus Cooper Walz (Spain)



Rudolf Dombi, Gergely Boros (Hungary)



Ed McKeever (Great Britain)



Sébastien Jouve, Maxime Beaumont (France)



Raman Piatrushenka, Vadzim Makhneu (Belarus)



Erika Medveczky, Alíz Sarudi (Hungary)



Saúl Craviotto (Spain)



Bridgitte Hartley (South Africa)



Marko Dragosavljević (Serbia)



Dalma Ružičić-Benedek (Serbia)



Renáta Csay (Hungary)



Marharyta Tsishkevich, Maryna Litvinchuk (Belarus)



Tate Smith, Dave Smith, Stewart Murray, Jacob Clear (Australia)

2014
ICF Canoe Sprint
World Championships

Moscow, Russia



Alexander Dyachenko, Yury Postrigay (Russia)



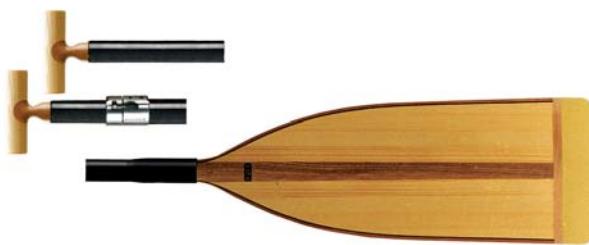
Karolina Naja, Beata Mikołajczyk (Poland)

PHOTOS COURTESY OF BALINT VEKASSY

CANOE GERE MODELS

BRAČA CANOE GERE

Brača Canoe Gere Standard
Brača Canoe Gere Hard

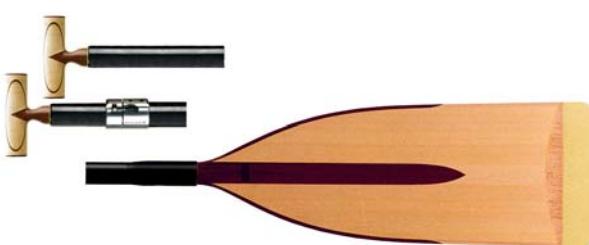


Brača Canoe Gere Standard is designed using production techniques derived from many decades of experience delivering functionality to satisfy the requirements of the majority of athletes.

Brača Canoe Gere Hard is designed for the strong (90 kg / 198 lb plus) athlete, with added stiffness, which makes it slightly heavier.

BRAČA CANOE GERE

Brača Canoe Gere Neptun



Brača Canoe Gere Neptun is a 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 its superb finish and its outstanding properties.

TECHNICAL PARAMETERS OF CANOE GERE MODELS

	Blade					Shaft			Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Wooden	Neck	Stiffness (mm)	Carbon content (%)	Full Adjustable	
Brača Canoe Gere Standard	908-1116/140.7-173.0	54 - 56	20 - 22	•	• •	1.8 - 1.9	100	○ ○	• 800/28.2
Brača Canoe Gere Hard	908-1116/140.7-173.0	54 - 57	22 - 23	•	• •	1.8 - 1.9	100	○ ○	• 820/28.9
Brača Canoe Gere Neptun	908-1116/140.7-173.0	54 - 56	20.5 - 22	•	• •	1.8 - 1.9	100	○ ○	• 780/27.5

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

CANOE MODELS

BRAĆA CANOE

Braća Canoe 20
Braća Canoe 21.5



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



This paddle has the same grip as the wooden paddle, but it has higher outer mechanical strength and impact resistance.

BRAĆA CANOE MEDIUM

Braća Canoe Medium
Braća Canoe Uni 2000



Braća Canoe Medium is designed with a stabilizing central spine in the middle of 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 much easier.



Braća Canoe Uni 2000 uses the same shape as **Braća Canoe Medium**, but has a wider range of sizes.
Size must be specified when ordering.

TECHNICAL PARAMETERS OF CANOE MODELS

	Blade Surface Area (sq.cm/sq.in)	Width (cm)	Length (cm)	Shaft Stiffness (mm) Full Adjustable	Wooden Handle	Carbon content (%)	Weight (g/oz)
					Blade Shaft		
Braća Canoe 20	960/148.8	20	59	2.1 - 2.3 ○ ○	• 100 100	700/24.7	
Braća Canoe 21.5	1038/160.9	21.5	59	1.8 - 1.9 ○ ○	• 100 100	750/26.5	
Braća Canoe Medium	1038.9/160.9	21.5	59	1.8 - 1.9 ○ ○	• 100 100	750/26.5	
Braća Canoe Uni 2000	908-1116/140.7-173.0	{ 19 - 20.5 57 - 59 21 - 22 57 - 59 22.5 - 23 57 - 59		2.0 - 2.2 ○ ○ 1.8 - 1.9 ○ ○ 1.6 - 1.7 ○ ○	• 100 100 • 100 100 • 100 100	750/26.5 770/27.2 790/27.9	

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.



Yuriy Cheban (Ukraine)



Laurence Vincent-Lapointe (Canada)



Alexey Korovashkov (Russia)



Alexandru Dumitrescu, Victor Mihalachi (Romania)

2014
ICF Canoe Sprint
World Championships

Moscow, Russia



Staniliya Stamenova (Bulgaria)



Rasul Ishmukhamedov, Viktor Melantyev, Ilya Pervukhin, Kirill Shamshurin (Russia)

PHOTOS COURTESY OF BALINT VEKASSY



Martin Fuksa (Czech Republic)

2014
ICF Canoe Sprint
World Championships

Moscow, Russia



Zsanett Lakatos, Kincső Takács (Hungary)



Henrik Vásbányai, Róbert Mike (Hungary)



Robert Nuck, Stefan Holtz (Germany)



Natalia Marasanova, Olesia Romasenko (Russia)



Isaquias Queiroz dos Santos (Brazil)



Jevgenij Shuklin (Lithuania)



Attila Vajda (Hungary)



Mathieu Goubel (France)



Pavel Petrov (Russia)



Zsanett Lakatos (Hungary)



Alexey Korovashkov, Ivan Shtyl' (Russia)

PHOTOS COURTESY OF BALINT VEKASSY

CANOE MODELS

BRAĆA CANOE CHILDREN

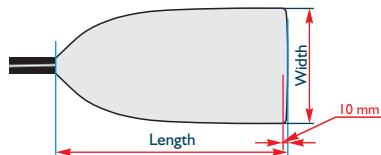


Braća Canoe Children is an exact copy of the **Braća Canoe Uni 2000** with proportionally smaller blade size and with proprietary material characteristics. The mechanics of the paddle are specifically designed to fit children's physiology. It enables the absorption of impact from each paddle stroke, therefore reducing shock on the shoulders, elbows and wrists and ultimately decreasing common canoe injuries.

BRAĆA CANOE UNI EXTRA WIDE



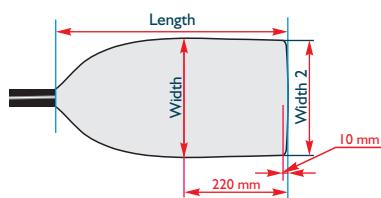
Braća Canoe Uni Extra Wide is the line of Braća canoe sprint paddles designed and engineered to enable a very quick and powerful catch. This design facilitates the application of all power in the beginning of the stroke (catch) and an effortless exit.



BRAĆA CANOE UNI SUPER FAT



Braća Canoe Uni Super Fat is the new line of Braća canoe sprint paddles designed and engineered to enable a quick, powerful and very smooth catch. This design facilitates the application of all power in the beginning of the stroke and an effortless exit, while preventing stress to the hand and wrist by absorbing the entrance shock, therefore making the catch extremely smooth and efficient.



TECHNICAL PARAMETERS OF CANOE MODELS

	Blade Surface Area (sq.cm/sq.in)	Shaft			Carbon content (%)	Weight (g/oz)	
		Width (cm)	Width 2 (cm)	Length (cm)	Stiffness (mm)	Full Adjustable Handle	
Braća Canoe Children Braća Canoe Children 100	665-775/103.1-120.1 665-775/103.1-120.1	16 - 18.5 16 - 18.5	47 - 50 47 - 50	4.5 - 4.8 3.2 - 3.5	○ ○ ○ ○	• • 100 100	480-520/16.9-18.3 450-480/15.9-16.9
Braća Canoe Uni Extra Wide	916-1097/142.0-170.0	22 22.5 23; 23.5 24; 24.5; 25 25.5; 26	48 - 50 50 50 50 - 55 50 - 51	2.0 - 2.2 2.0 - 2.2 1.8 - 1.9 1.6 - 1.7 1.6 - 1.7	○ ○ ○ ○ ○ ○ ○ ○ ○ ○	100 100 100 100 100 100 100 100 100 100	680/24.0 680/24.0 720/25.4 760/26.8 780/27.6
Braća Canoe Uni Super Fat	916-1070/142.0-165.9						680/24.0 680/24.0 680/24.0 720/25.4 720/25.4 760/26.8 760/26.8 760/26.8

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

DRAGON, OUTRIGGER AND STAND UP (SUP) MODELS

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.



Each blade carries the manufacturer's paddle mark.

BRAČA CANOE OUTRIGGER

Brača Canoe Outrigger max
Brača Canoe Outrigger min



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

BRAČA STAND UP

Brača Stand UP Malibu max
Brača Stand UP Malibu min
Brača Stand UP Kahana max
Brača Stand UP Kahana min
Brača Stand UP Kahana s-min



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

TECHNICAL PARAMETERS OF DRAGON, OUTRIGGER AND STAND UP MODELS

Blade	Shaft	Carbon content (%)		Weight (g/oz)						
		Surface Area (sq.cm/sq.in)	Length (cm)		Stiffness (mm)	Full Adjustable	Wooden Handle	Blade	Shaft	
Brača Dragon	specified by IDBF			400/14.1	2.7 - 2.9	○ ○	•	100	100	
Brača Canoe Outrigger max	730/113.2	49	22.3	500/17.6	2.7 - 2.9	○ ○	•	100	100	460/16.2
Brača Canoe Outrigger min	650/100.8	48	21.3		2.7 - 2.9	○ ○	•	100	100	
Brača Stand UP Malibu max	740/114.7	49	22.3	590/20.8	2.7 - 2.9	○ ○	•	100	100	580/20.5
Brača Stand UP Malibu min	712/110.4	48	21.3		2.7 - 2.9	○ ○	•	100	100	
Brača Stand UP Kahana max	705/109.3	46	22.8	580/20.5	2.7 - 2.9	○ ○	•	100	100	
Brača Stand UP Kahana min	650/100.8	45.2	21.2	550/19.4	2.7 - 2.9	○ ○	•	100	100	
NEW Brača Stand UP Kahana s-min	605/93.8	44.2	19.8	520/18.3	2.7 - 2.9	○ ○	•	100	100	

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

TRADITIONAL MODELS

BRAĆA TYPHOON

Braća Typhoon 20
Braća Typhoon 60
Braća Typhoon 100



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

The Typhoon has a very clean center spine, 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.

Braća Typhoon 20 and **Braća Typhoon 60** are reinforced with carbon fiber.

Braća Typhoon 100 is reinforced with kevlar.



CARBON FIBER AND KEVLAR REINFORCED TIPS OF TYPHOON BLADE

BRAĆA TORNADO

Braća Tornado 20
Braća Tornado 60
Braća Tornado 100



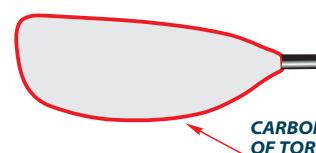
Braća Tornado is our no-spine paddle model.

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

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

Braća Tornado 20 and **Braća Tornado 60** are reinforced with carbon fiber.

Braća Tornado 100 is reinforced with kevlar.



CARBON FIBER AND KEVLAR REINFORCED TIPS OF TORNADO BLADE

TRADITIONAL MODELS

BRAĆA HURRICANE

Braća Hurricane 20 max
 Braća Hurricane 20 min
 Braća Hurricane 60 max
 Braća Hurricane 60 min
 Braća Hurricane 100 max
 Braća Hurricane 100 min



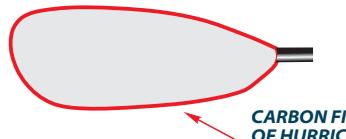
Braća Hurricane is the latest paddle in the Braća touring line.

Its design is based on the **Braća Typhoon**, with the following modifications: slightly reduced blade surface area and offset spine 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 paddler who prefers a traditional shape over a wing blade.

All **Braća Hurricane** paddles are reinforced with carbon fiber.



CARBON FIBER REINFORCED TIPS
OF HURRICANE BLADE

TECHNICAL PARAMETERS OF TRADITIONAL MODELS

	Blade Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Kevlar Tips	Shaft			Carbon content (%)	Weight (g/oz)
					Stiffness (mm)	Full Adjustable	2 pc split		
Braća Typhoon 20	690/106.9	47.2	18.7	•	4.3 - 4.6	○	○	50	20
Braća Typhoon 60	690/106.9	47.2	18.7	•	3.2 - 3.4	○	○	75	60
Braća Typhoon 100	690/106.9	47.2	18.7	•	2.7 - 2.9	○	○	100	100
Braća Tornado 20	675/104.6	46.0	17.9	•	4.7 - 4.9	○	○	50	20
Braća Tornado 60	675/104.6	46.0	17.9	•	3.3 - 3.5	○	○	75	60
Braća Tornado 100	675/104.6	46.0	17.9	•	2.8 - 2.9	○	○	100	100
Braća Hurricane 20 max	720/111.6	48.0	18.7	•	4.7 - 4.9	○	○	50	20
Braća Hurricane 20 min	660/102.3	46.0	17.5	•	4.7 - 4.9	○	○	50	20
Braća Hurricane 60 max	720/111.6	48.0	18.7	•	3.3 - 3.5	○	○	75	60
Braća Hurricane 60 min	660/102.3	46.0	17.5	•	3.3 - 3.5	○	○	75	60
Braća Hurricane 100 max	720/111.6	48.0	18.7	•	2.8 - 2.9	○	○	100	100
Braća Hurricane 100 min	660/102.3	46.0	17.5	•	2.8 - 2.9	○	○	100	100
								690/24.4	

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.



Manuel Antonio Campos, José Manuel Sánchez Sánchez (Spain)



Tamlyn Bohm, Courtney Stott (Canada)



Emilio Merchan, Ivan Alonso (Spain)



Nuno Barros (Portugal)



Emilio Merchan, Ivan Alonso (Spain); Walter Bouzan, Álvaro Fernández Fiuza (Spain); Adrián Boros, László Solti (Hungary)

2014
ICF Canoe
Marathon World
Championships
Oklahoma City, USA



Balázs Havas (Hungary)

Walter Bouzan (Spain)

Emilio Merchan,
Ivan Alonso (Spain)



Manuel Antonio Campos (Spain)



Renáta Csay, Alexandra Bara (Hungary)



Renáta Csay (Hungary)



Emilio Merchan, Ivan Alonso (Spain)



Ivan Alonso (Spain)



Tamara Takács (Hungary)

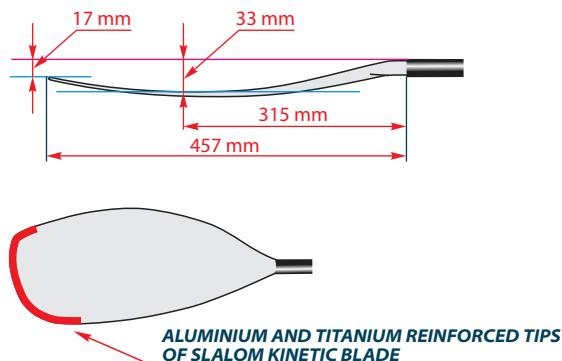
PHOTOS COURTESY OF BALINT VEKASSY

SLALOM AND FREESTYLE MODELS

BRAČA SLALOM KINETIC



Brača Slalom Kinetic is a strong, tough and durable paddle with aluminium reinforced tips for added impact resistance.



BRAČA SLALOM SOČA

Brača Slalom Soča max
Brača Slalom Soča min

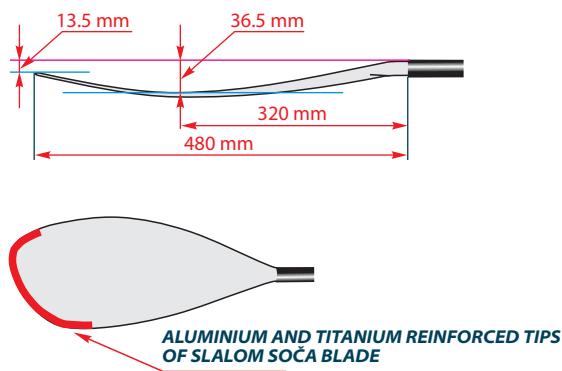


Brača Slalom Soča is the line of Brača kayak slalom and freestyle paddles designed and engineered to enable fast, firm and smooth insertion into the water and an extremely efficient stroke.

The blade has a unique spoon-leaf shape with sharp edges; CNC machined tough, durable core; sandwich titanium stiffener and 12 mm wide solid edge reinforced with High Modulus Unidirectional Carbon.

Our revolutionary molding technology process guarantees the shape and dimensions of all paddles to be identical and precise.

The paddle is intended for the hard driver who loves the feeling of running water.



SLALOM AND FREESTYLE MODELS

BRAČA SLALOM SJOA

Brača Slalom Sjoa max
Brača Slalom Sjoa min

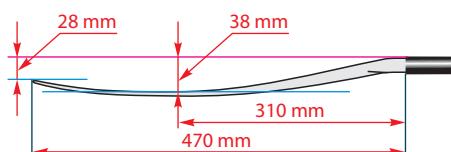


Brača Slalom Sjoa is the new line of Brača kayak slalom and freestyle paddles designed and engineered to enable a very fast and effective management of the strokes and maneuverability.

This design facilitates the ultimate control of the stroke in every phase.

The blade has a flat surface in two horizontal and vertical lines; CNC machined, tough, durable core; sandwiched titanium stiffener and 12 mm wide solid edge reinforced with High Modulus Unidirectional Carbon.

Our revolutionary molding technology process guarantees the shape and dimensions of all paddles to be identical and precise.



ALUMINIUM AND TITANIUM REINFORCED TIPS
OF SLALOM SJOA BLADE

TECHNICAL PARAMETERS OF SLALOM AND FREESTYLE MODELS

	Blade Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Aluminum tips	Shaft Stiffness (mm)	Full Ergo shaft Adjustable	Carbon content (%)	Weight Blade Shaft (g/oz)
Brača Slalom Kinetic	695/107.7	45.5	19.9	• { Hard 2.7 - 2.9 Medium 3.5 - 3.7 Soft 4.2 - 4.5 } o o	100	100	720/25.4	
Brača Slalom Soča max Brača Slalom Soča min	735/113.9 695/107.7	48.5 47.9	21 20	• { Hard 2.7 - 2.9 Medium 3.5 - 3.7 Soft 4.2 - 4.5 } o o o	100	100	730/25.8 700/24.7	
Brača Slalom Sjoa max Brača Slalom Sjoa min	724/112.2 695/107.7	47.0 46.5	20.5 19.7	• { Hard 2.7 - 2.9 Medium 3.5 - 3.7 Soft 4.2 - 4.5 } o o o	100	100	720/25.4 690/24.3	

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.



Fabien Lefevre (United States)



Rosalyn Lawrence (Australia)



Roberto Colazingari (Italy)



Maxim Richard (Belgium)



Viola Rizzo (Italy)



Mattia Quintarelli (Italy)



Chiara Carbognin (Italy)



Pierre Picco, Hugo Biso (France)



Mikhail Kuznetsov, Dmitry Larionov (Russia)



Lukáš Tomek, Michal Šrámek (Czech Republic)

PHOTOS COURTESY OF BALINT VEKASSY

DOWN RIVER MODELS

BRAČA DOWN RIVER



BRAČA IV

Brača IV max Down River	Brača IV s-min Down River
Brača IV max Marathon	Brača IV s-min Marathon
Brača IV min Down River	Brača IV xs-min Down River
Brača IV min Marathon	Brača IV xs-min Marathon



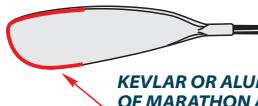
BRAČA XI

Brača XI x-max Down River	Brača XI x-min Marathon
Brača XI x-max Marathon	Brača XI min Down River
Brača XI max Down River	Brača XI min Marathon
Brača XI max Marathon	Brača XI s-min Down River
Brača XI s-max Down River	Brača XI s-min Marathon
Brača XI s-max Marathon	Brača XI xs-min Down River
Brača XI x-min Down River	Brača XI xs-min Marathon



Brača Down River is the new line of Brača paddles designed, constructed and optimized specifically for downriver competition. It was engineered to facilitate a very sharp catch, enabling quick and maximum velocity control of the boat.

Brača Down River is available with stiff and soft shaft construction options. The edge of the blade is reinforced with an aluminium and titanium layer that makes it highly impact resistant in extreme downriver conditions.



KEVLAR OR ALUMINIUM AND TITANIUM REINFORCED TIPS OF MARATHON AND DOWN RIVER BLADE

Brača IV is available with Marathon and Down River 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 **Brača IV Marathon** blade is reinforced with a kevlar layer that makes it highly impact resistant in extreme downriver conditions.

Brača IV Down River is available with stiff and soft shaft construction options. The edge of the blade is reinforced with an aluminium and titanium layer that makes it highly impact resistant in extreme downriver conditions.

Brača XI is also available with Marathon and Down River blade construction.

TECHNICAL PARAMETERS OF DOWN RIVER MODELS

	Blade	Shaft	Carbon content (%)	Weight (g/oz)					
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Kevlar Tips	Aluminium Tips	Stiffness (mm)	Full Adjustable Shaft code	Blade	Shaft
Brača Down River	705/109.3	49.0	15.2	•		Hard 2.7 - 2.9 Soft 3.2 - 3.4	○ ○ 11 ○ ○ 18	100 100 100 100	560/19.8 600/21.2
Brača IV max Down River	765/118.6	50.0	16.8	•		Hard 2.7 - 2.9 Soft 3.2 - 3.5	○ ○ 11 ○ ○ 18	100 100 100 100	650/22.9 640/22.6
Brača IV min Down River	735/113.9	49.5	15.8	•					620/21.9 600/21.2
Brača IV s-min Down River	705/109.3	49.0	15.3	•					
Brača IV xs-min Down River	635/98.4	45.3	15.1	•					
Brača IV max Marathon	765/118.6	50.0	16.8	•		2.7 - 2.8	○ ○	100 100	650/22.9
Brača IV min Marathon	735/113.9	49.5	15.8	•		2.9 - 3.0	○ ○	100 100	640/22.6
Brača IV s-min Marathon	705/109.3	49.0	15.3	•		3.1 - 3.2	○ ○	100 100	620/21.9
Brača IV xs-min Marathon	635/98.4	45.3	15.1	•		3.2 - 3.4	○ ○	100 100	600/21.2
Brača XI x-max Down River	835/129.4	51.9	18.1	•					750/26.5
Brača XI max Down River	815/126.3	51.6	17.6	•					730/25.7
Brača XI s-max Down River	795/123.2	51.3	17.2	•					710/25.0
Brača XI x-min Down River	775/120.1	51.1	16.8	•		Hard 2.7 - 2.9 Soft 3.2 - 3.4	○ ○ 11 ○ ○ 18	100 100 100 100	660/23.3
Brača XI min Down River	760/117.8	51.1	16.0	•					640/22.6
Brača XI s-min Down River	735/113.9	50.5	15.7	•					620/21.9
Brača XI xs-min Down River	705/109.3	49.8	15.5	•					600/21.2
Brača XI x-max Marathon	835/129.4	51.9	18.1	•		2.5 - 2.6	○ ○	100 100	750/26.5
Brača XI max Marathon	815/126.3	51.6	17.6	•		2.7 - 2.8	○ ○	100 100	730/25.7
Brača XI s-max Marathon	795/123.2	51.3	17.2	•		2.7 - 2.8	○ ○	100 100	710/25.0
Brača XI x-min Marathon	775/120.1	51.1	16.8	•		2.9 - 3.0	○ ○	100 100	660/23.3
Brača XI min Marathon	760/117.8	51.1	16.0	•		2.9 - 3.0	○ ○	100 100	640/22.6
Brača XI s-min Marathon	735/113.9	50.5	15.7	•		3.1 - 3.2	○ ○	100 100	620/21.9
Brača XI xs-min Marathon	705/109.3	49.8	15.5	•		3.3 - 3.4	○ ○	100 100	600/21.2

The shaft stiffness is our recommendation according to the blade size, but any combination is possible. See page 36 for more details.

CANOE SLALOM ROCKY AND DOWN RIVER ON ROLL MODELS

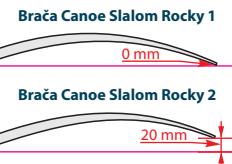
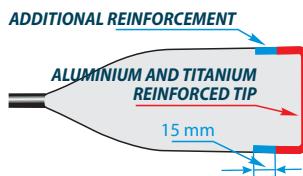
BRAĆA CANOE SLALOM ROCKY

Braća Canoe Slalom Rocky 1 max
 Braća Canoe Slalom Rocky 1 min
 Braća Canoe Slalom Rocky 2 max
 Braća Canoe Slalom Rocky 2 min



Braća Canoe Slalom Rocky was engineered using advanced kinetic, biomechanical and material science concepts to produce the strongest and lightest paddle possible, matching the performance and durability requirements of a vast variety of athletes.

The blade has an aluminum-titanium alloy reinforced tip and a 12 mm wide solid edge stiffened with High Modulus Unidirectional Carbon for added impact resistance. Our revolutionary molding technology process guarantees the shape and dimensions of all paddles to be identical and precise.



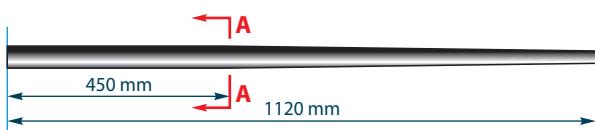
BRAĆA DOWN RIVER CANOE ON ROLL

Braća Down River Canoe ON Roll max
 Braća Down River Canoe ON Roll min



Braća Down River Canoe ON Roll is the new line of Braća downriver paddles designed and engineered to enable a very fast and effective management of the strokes and maneuverability.

It was constructed to be extremely light and durable. The blade has a CNC machined, tough, durable core; sandwiched aluminium-titanium alloy stiffener and a 12 mm wide solid edge reinforced with High Modulus Unidirectional Carbon. Our revolutionary molding technology process guarantees the shape and dimensions of all paddles to be identical and precise.



Braća Canoe Slalom Rocky and **Braća Down River Canoe ON Roll** shafts have a special geometry to make them very light and stiff.

TECHNICAL PARAMETERS OF CANOE SLALOM ROCKY AND DOWN RIVER ON ROLL MODELS

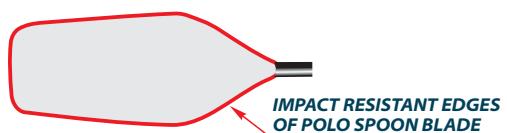
	Blade				Shaft			Handle	Carbon content (%)	Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Aluminium Tips	Stiffness (mm)	Diameter A-A (mm)	Foil Kevlar			
Braća Canoe Slalom Rocky 1 max	835/129.4	50	20.6	• {	Hard Plus 2.4 - 2.6	30	○ •	32; 35; 37	100 100	560/19.8
	805/124.8	49	20.2	• {	Hard 2.4 - 2.6	29	○	32; 35; 37	100 100	
	835/129.4	50	20.6	• {	Medium Thick Plus 2.6 - 2.8	32	○ •	37	100 100	
	805/124.8	49	20.2	• {	Medium Thick 2.6 - 2.8	31	○	37	100 100	
Braća Canoe Slalom Rocky 2 max	835/129.4	50	20.6	• {	Medium Plus 2.6 - 2.8	30	○ •	32; 35; 37	100 100	560/19.8
	805/124.8	49	20.2	• {	Medium 2.6 - 2.8	29	○	32; 35; 37	100 100	
	835/129.4	50	20.6	• {	Soft 2.9 - 3.1	29	○	32; 35; 37	100 100	
	805/124.8	49	20.2	• {	Hard 2.4 - 2.6	30	○ •	32; 35; 37	100 100	
Braća Down River ON Roll min	745/115.4	49	20.5	• {	Medium 2.6 - 2.8	29	○	32; 35; 37	100 100	520/18.3
	765/118.6	50	20.5	• {	Soft 2.9 - 3.1	29	○	32; 35; 37	100 100	
Braća Down River ON Roll max	745/115.4	49	20.5	• {	Medium 2.6 - 2.8	29	○	32; 35; 37	100 100	530/18.7
	765/118.6	50	20.5	• {	Soft 2.9 - 3.1	29	○	32; 35; 37	100 100	

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 Polystyrene foam.

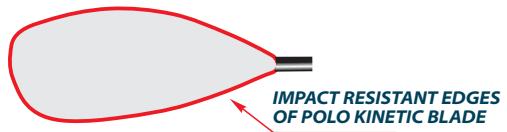


BRAČA POLO KINETIC

Brača Polo Kinetic max Brača Polo Kinetic 60 max
Brača Polo Kinetic min Brača Polo Kinetic 60 min



Brača Polo Kinetic has unique non-slip bands on the blades to enable extra control when handling the ball. It 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 Polystyrene foam.



TECHNICAL PARAMETERS OF CANOE POLO MODELS

	Blade				Shaft	Carbon content (%)	Weight (g/oz)
	Surface Area (sq.cm/sq.in)	Length (cm)	Width (cm)	Kevlar Tips			
Brača Polo Spoon	690/106.9	43.5	19.8	•	Hard 2.2 - 2.3 °	100 80	840/29.8
Brača Polo Kinetic max	735/113.9	46	20.7	•	Hard 2.2 - 2.3 °	100 80	840/29.8
Brača Polo Kinetic min	660/102.3	45.5	19.6	•	Medium 2.4 - 2.6 °	100 80	810/28.6
Brača Polo Kinetic 60 max	735/113.9	46	20.7	•	Soft 4.2 - 4.5 °	70 80	910/32.1
Brača Polo Kinetic 60 min	660/102.3	45.5	19.6	•	Soft 4.2 - 4.5 °	70 80	890/31.4

2014
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World
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Poznań, Poland

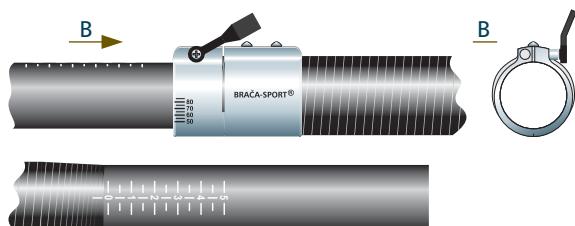


PHOTOS COURTESY OF BALINT VEKASSY

SHAFTS

ADJUSTABLE SHAFT SYSTEM II

System II for kayak paddles

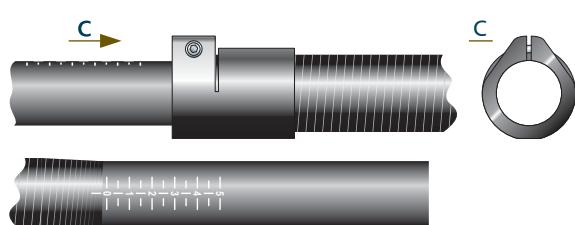


System II for canoe and Stand UP paddles



ADJUSTABLE SHAFT SYSTEM III

System III for children canoe paddles



System III for Dragon and Outrigger paddles

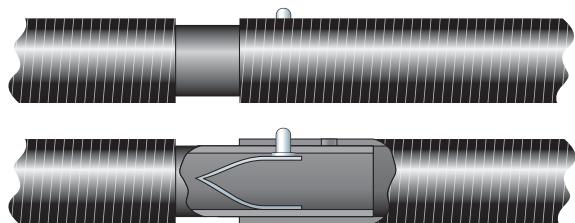


All kayak, canoe and Stand UP (SUP) paddles are available with the adjustable shaft option **System II**.

System III option is used for Children Canoe, Dragon and Outrigger paddles.

The adjustable system allows elegant adjustment of overall paddle length (within 5 cm range) and blade angle from 0° to 80° right or left in 5° increments. The system also allows you to disassemble the paddle into two parts for easy transportation.

SPLIT SHAFT SYSTEM



Sea kayak and touring paddles are available with a two piece split shaft option.

The system adds approximately 20 g / 0.7 oz to the paddle weight.

Both adjustable shaft systems approximately add 40 g / 1.41 oz to the paddle weight.

SHAFT STIFFNESS MEASUREMENT PROCESS



The shaft stiffness is our recommendation according to the blade size, but any combination is possible.

If you are higher and/or stronger than the average, you might need a stiffer shaft. We recommend stiffer shafts for short distance racing and softer shafts for long distances.

SHAFT STIFFNESS FROM STIFF TO SOFT

Kayak shafts 100% carbon:

1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5

Canoe shafts 100% carbon:

1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4,

IMPORTANT NOTICE:

- ! 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.
- **Store your adjustable paddle disassembled if not used for more than two weeks!**

ACCESSORIES

BRAČA COVERS FLATWATER



	Material	Length (cm)
Universal Kayak Cover	Nylon	200 - 227
Universal Canoe Cover	Nylon	155 - 190
Universal Dragon Cover	Nylon	120 - 135

To protect paddles from damage, we offer covers made of special, highly durable fabrics, constructed with tear-resistant micro ripstop nylon and closed-cell foam padding.

The covers are stitched with heavy duty thread, 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	Nylon	180 - 210
Universal Canoe Cover	Nylon	130 - 155

These covers are for one or two paddles

ACCESSORIES

BRAČA PERFORMANCE THERMAL SHIRT



The **Brača-Sport Performance Thermal Shirt** is engineered for high performance workouts and competition. It offers a unique balance between zoned thermal compression and ventilation, while providing superior moisture management capabilities.

- Highly breathable and provides enhanced airflow.
- 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 POGIES



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

BRAČA SPRAY SKIRT



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 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.

ACCESSORIES

BRAČA CANOE WRISTBAND



Brača Canoe Wristband is the perfect aid for canoeists. It enables the athletes to tie the paddle to their hands, which reduces fatigue and prevents injuries.

- Soft neoprene lining for maximum comfort
- Strong Velcro® straps for secure mounting
- Reduces lower arm fatigue and the risk of injuries
- Prevents accidental slipping of the shaft from the athlete's hand

BRAČA BACKPACK



This high-performance technical pack is designed for carrying all your daily essentials belongings with ease.

- Panel-loading main compartment offers plenty of room for gear and clothing
- Dual side mesh water bottle pockets to keep bottles from bouncing around
- Adjustable padded shoulder straps and padded backpanel offer load-carrying comfort

BRAČA COMBO PADDLE BAG



The **Brača Combo Paddle Bag** is a stylish and practical accessory for everyday training.

- Large pocket to store an adjustable paddle
- Two waterproof pockets for clothes and other training gear
- Made of special, tear-resistant micro ripstop nylon and closed-cell foam padding
- Perfect bag for travelling or everyday use

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.

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