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WAVE DESIGN



CATALOGUE
2020

KAYAK LOW ANGLE

Light, sturdy, easy to use, and reliable over time. Suitable for rides on the sea, lake, and calm rivers. Designed to ease the burden on the muscle and joint during long rides at sea. During the paddling, it allows the body to take an easy and natural position, allowing a pleasant cruising. Designed, prototyped and built in 100% carbon with prepreg in autoclave.

In the adjustable version, this paddle has a system to change the length and the angle made in high-tech plastic or aluminum.

Available with a more flexible rounded or oval indexed shaft (Flex 6), medium/low flexible rounded shaft (Flex 4), and with a rigid rounded shaft (flex 3).



MODEL	AREA (cm²/ in²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	CONFIGURATION	RECOMMENDED USES
LOW ANGLE	650 / 100,79	CARBON/CARBON	51 / 20,07	16 / 6,29	650 / 22,92	S 1P – S 1P OI – S 1P OI APL	Kayak-Sea; Kayak-Touring
LOW ANGLE	650 / 100,79	CARBON/CARBON	51 / 20,07	16 / 6,29	735 / 25,92	S 2P – S 2P OI – S 2P OI APL	Kayak-Sea; Kayak-Touring

S 1P : STRAIGHT SHAFT 1 PIECE
S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX
S 2P : STRAIGHT SHAFT 2 PIECES
S 2P OI : STRAIGHT SHAFT 2 PIECES OVAL INDEX
S 2P OI APL : STRAIGHT SHAFT 2 PIECES OVAL INDEX ALUMINUM PADDLE LOCK

MATERIAL: blade/shaft
WEIGHT -paddle length 220 cm

SHAFT OPTION: Straight Round Flex 6, Straight Round Flex 6 with Oval Index, Straight Round Flex 4, Straight Round Flex 3
RECOMMENDED SHAFT STIFFNESS: We recommend shafts flex 6 but any combination is possible.

KAYAK HIGH ANGLE

High-performance paddle for touring. Light, sturdy, demanding, and reliable over time. Suitable for rides on the sea, lake, and calm rivers. Designed, prototyped and built in 100% carbon with prepreg in autoclave.

In the adjustable version, this paddle has a system to change the length and the angle made in high-tech plastic or aluminum.

Available with a more flexible rounded or oval indexed shaft (Flex 6), medium/low flexible rounded shaft (Flex 4), and with a rigid rounded shaft (flex 3).



MODEL	AREA (cm ² / in ²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	CONFIGURATION	RECOMMENDED USES
HIGH ANGLE	720 / 111,65	CARBON/CARBON	51 / 20,07	18,5 / 7,28	730 / 25,75	S 1P – S 1P OI – S 1P OI APL	Kayak-Sea; Kayak-Touring
					815 / 28, 74	S 2P – S 2P OI – S 2P OI APL	
HIGH ANGLE	670 / 103,89	CARBON/CARBON	48 / 7,08	18 / 7,08	720 / 25,39	S 1P – S 1P OI – S 1P OI APL	Kayak-Sea; Kayak-Touring
					805 / 28,39	S 2P – S 2P OI – S 2P OI APL	
HIGH ANGLE	620 / 96,14	CARBON/CARBON	46,5 / 18,3	17,5 / 6,88	620 / 21,86	S 1P – S 1P OI – S 1P OI APL	Kayak-Sea; Kayak-Touring
					705/ 24, 86	S 2P – S 2P OI – S 2P OI APL	

S 1P : STRAIGHT SHAFT 1 PIECE

S 2P : STRAIGHT SHAFT 2 PIECES

S 2P OI APL : STRAIGHT SHAFT 2 PIECES OVAL INDEX ALUMINUM PADDLE LOCK

S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX

S 2P OI : STRAIGHT SHAFT 2 PIECES OVAL INDEX

MATERIAL: blade/shaft

WEIGHT -paddle length 220 cm

SHAFT OPTION: Straight Round Flex 6, Straight Round Flex 6 with Oval Index, Straight Round Flex 4, Straight Round Flex 3

RECOMMENDED SHAFT STIFFNESS: We recommend shafts flex 6 and flex 4 but any combination is possible.



WING SPRINT

Paddle with high lift. Light, sturdy, designed for competitions.
Requires good training.
Allows good lift in the initial phase, which gradually diminishes during the following phases of the paddling in order to ensure a good flexibility in the initial phase of the next stroke. A very good solution for any kind of water recommended for speed, marathon, surfski, and wildwater.
Available with a more flexible handle (Flex 6) in both circular and oval index, medium/low flexible handle (Flex 4) in a circular index, and with a rigid handled (flex 3) in a circular index.



MODEL	AREA (cm²/ in²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	CONFIGURATION	RECOMMENDED USES
SPRINT 820	820 / 127,15	CARBON/CARBON	51 / 20,07	17 / 6,69	736 / 25,96	S 1P – S 1P OI – S 1P OI APL	Flat Water Man
					821 / 28,95	S 2P – S 2P OI – S 2P OI APL	Flat Water Man
SPRINT 785	785 / 121,72	CARBON/CARBON	50,5 / 19,88	16,9 / 6,65	716 / 25,25	S 1P – S 1P OI – S 1P OI APL	Flat Water Man, Woman, Junior; Down River Man; Surf Ski Man
					801 / 28,25	S 2P – S 2P OI – S 2P OI APL	Flat Water Man, Woman, Junior; Down River Man; Surf Ski Man
SPRINT 750	750 / 116,30	CARBON/CARBON	50 / 19,68	16,5 / 6,49	696 / 24,55	S 1P – S 1P OI – S 1P OI APL	Flat Water Woman, Junior; Down River Man, Woman, Junior; Surf Ski
					781 / 27,55	S 2P – S 2P OI – S 2P OI APL	Flat Water Woman, Junior; Down River Man, Woman, Junior; Surf Ski
SPRINT 720	720 / 111,64	CARBON/CARBON	48,5 / 19,09	16 / 6,29	680 / 23,98	S 1P – S 1P OI – S 1P OI APL	Flat Water Woman, Junior; Down River Man, Woman, Junior; Surf Ski
					765 / 26,98	S 2P – S 2P OI – S 2P OI APL	Flat Water Woman, Junior; Down River Man, Woman, Junior; Surf Ski

S 1P : STRAIGHT SHAFT 1 PIECE
S 2P : STRAIGHT SHAFT 2 PIECES
S 2P OI APL : STRAIGHT SHAFT 2 PIECES OVAL INDEX ALUMINUM PADDLE LOCK

S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX
S 2P OI : STRAIGHT SHAFT 2 PIECES OVAL INDEX

MATERIAL: blade/shaft WEIGHT – paddle length 220 cm

SHAFT OPTION: Straight Round Flex 6, Straight Round Flex 6 with Oval Index, Straight Round Flex 4, Straight Round Flex 3
RECOMMENDED SHAFT STIFFNESS: We recommend stiffer shafts for bigger blades but any combination is possible.

WING WILD

Paddle with high lift. Light, sturdy, designed for competitions. Requires good training.
Due to its peculiar shape with a bigger surface in the initial part of the blade, this is the paddle that allows the most power during the initial phase, which always translates in a very agile, fast, and reactive paddling. It is suitable for any kind of water and it's a very common style in every type of canoeing.
Available with a more flexible handle (Flex 6) in both circular and oval index, medium/low flexible handle (Flex 4) in a circular index, and with a rigid handled (flex 3) in a circular index.



MODEL	AREA (cm²/ in²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	CONFIGURATION	RECOMMENDED USES*
WILD 785	785 / 121,72	CARBON/CARBON	50 / 19,68	16,3 / 6,41	716 / 25,25	S 1P – S 1P OI – S 1P OI APL	
					801 / 28,25	S 2P – S 2P OI – S 2P OI APL	
*Flat Water Man, Woman, Junior; Down River Man; Surf Ski Man							
WILD 750	750 / 116,30	CARBON/CARBON	49,5 / 19,48	16 / 6,29	683 / 24,09	S 1P – S 1P OI – S 1P OI APL	
					768 / 27,09	S 2P – S 2P OI – S 2P OI APL	
*Flat Water Woman, Junior; Down River Man, Woman, Junior; Surf Ski Man, Woman							
WILD 720	720 / 111,64	CARBON/CARBON	48,5 / 19,09	15,5 / 6,10	650 / 22,92	S 1P – S 1P OI – S 1P OI APL	
					735 / 25,92	S 2P – S 2P OI – S 2P OI APL	
*Flat Water Woman, Junior; Down River Woman, Junior; Surf Ski Man, Woman							
WILD 685	685 / 106,22	CARBON/CARBON	47,5 / 18,7	15 / 5,90	617 / 21,76	S 1P – S 1P OI – S 1P OI APL	
					702 / 24,76	S 2P – S 2P OI – S 2P OI APL	
*Flat Water Junior; Down River Woman, Junior; Surf Ski Woman, Junior							

S 1P : STRAIGHT SHAFT 1 PIECE
S 2P : STRAIGHT SHAFT 2 PIECES
S 2P OI APL : STRAIGHT SHAFT 2 PIECES OVAL INDEX ALUMINUM PADDLE LOCK

S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX
S 2P OI : STRAIGHT SHAFT 2 PIECES OVAL INDEX

MATERIAL: blade/shaft WEIGHT – paddle length 220 cm

SHAFT OPTION: Straight Round Flex 6, Straight Round Flex 6 with Oval Index, Straight Round Flex 4, Straight Round Flex 3
RECOMMENDED SHAFT STIFFNESS: We recommend stiffer shafts for bigger blades but any combination is possible.



SUP RACE

The angle between blade and shaft of 10 degrees allows an early entry in the water. With a sharp outline and with the maximum surface moved towards the end of the blade.

Ergonomic and comfortable handle, designed to reduce tiredness during a long and tiring session, both for training and races.

Available with fixed carbon handle with an oval or circular index or with adjustable carbon handle Vario 2 Piece or Vario 3 Piece.



MODEL	AREA (cm ² / in ²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	KICKBACK ANGLE	CONFIGURATION
RACE 470	470 / 72,88	CARBON/CARBON	47,50/ 18,70	14,70/ 5,79	444 / 15,66	10°	S1P
					492 / 17,35	10°	S 1P OI
					504 / 17,78	10°	S 2P M
					587 / 20,71	10°	S 2P
					637/22,47	10°	S 3P
RACE 520	520 / 80,64	CARBON/CARBON	49,80 / 19,61	15,60 / 6,14	470 / 16,57	10°	S 1P
					505 / 17,81	10°	S 1P OI
					535 / 18,87	10°	S 2P M
					600 / 21,16	10°	S 2P
					650 / 22,93	10°	S 3P
RACE 570	570 / 88,39	CARBON/CARBON	51.70 / 20,35	16,30 / 6,42	475 / 16,75	10°	S 1P
					510 / 17,99	10°	S 1P OI
					530 / 18,70	10°	S 2P M
					600 / 21,16	10°	S 2P
					655 / 23,10	10°	S 3P

RECOMMENDED USES Racing, Whitewater, Cruising, Touring

S 1P : S 1P : STRAIGHT SHAFT 1 PIECE - S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX - S 2P : STRAIGHT SHAFT 2 PIECES VARIO

S 3P : STRAIGHT SHAFT 3 PIECES VARIO - S 2P M: STRAIGHT SHAFT 2 PIECES MINI VARIO

MATERIAL: blade/shaft

WEIGHT – paddle length 200 cm

RECOMMENDED SHAFT STIFFNESS: We recommend stiffer shafts for bigger blades but any combination is possible.



SUP WAVE

Well-rounded paddle for Stand Up Paddling. Light, sturdy, reliable, easy to use, suitable for Wave, Surfing, and Cruising. Ergonomic and comfortable handle, designed to reduce tiredness in both training and races. Available with fixed carbon handle with an oval or circular index or with adjustable carbon handle Vario 2 Piece or Vario 3 Piece.



MODEL	AREA (cm²/ in²)	MATERIAL	L (cm/ in)	W (cm/ in)	WEIGHT (g/oz)	KICKBACK ANGLE	CONFIGURATION
WAVE 500 DL	470 / 72,88	CARBON/CARBON	47,50/18,70	14,70/ 5,79	442/15,59	10°	S 1P
					490/17,28	10°	S 1P OI
					502/18,70	10°	S 2P M
					585/20,64	10°	S 2P
					635/22,40	10°	S 3P
WAVE 550	550 / 85,29	CARBON/CARBON	45 / 17,73	17,5 / 6,9	475 / 16,76	9°	S 1P
					510 / 17,99	9°	S 1P OI
					535 / 18,87	9°	S 2P M
					605 / 21,34	9°	S 2P
					655 / 23,10	9°	S 3P
WAVE 600	600 / 93,04	CARBON/CARBON	45 / 17,72	19 / 7,48	490 / 17,28	9°	S 1P
					525 / 18,52	9°	S 1P OI
					530 / 18,70	9°	S 2P M
					605 / 21,34	9°	S 2P
					670 / 23,63	9°	S 3P

RECOMMENDED USES Surfing, Touring, Cruising

S 1P : STRAIGHT SHAFT 1 PIECE - S 1P OI : STRAIGHT SHAFT 1 PIECE OVAL INDEX - S 2P : STRAIGHT SHAFT 2 PIECES VARIO - S 3P : STRAIGHT SHAFT 3 PIECES VARIO
S 2P M: STARIGHT SHAFT 2 PIECES MINI VARIO MATERIAL: blade/shaft WEIGHT – paddle length 200 cm

SHAFT OPTION: Fixed Round Flex 9/4/6/3 Texture Classic, Fixed Oval Flex 6 Texture Classic/Zebra ;
Vario 2 Pc Round Flex 6 Texture Classic/Zebra ; Vario 3 Pc Round Flex 6 Texture Classic/Zebra



PAGAIA CANOA DISCESA

Full Carbon Outrigger Canoe Paddle. It is a lightweight and durable, great for sprints and distance alike. The edge of the blade has a thin layer running on top of the carbon to protect the edge from nicks and cracks, guaranteeing the perfect water entry every stroke. The single bend paddle has a 10 degree bend where the paddle blade meets the shaft. Available with an Adjustable Shaft System (MINIVARIO). This allows elegant adjustment of overall paddle length.



MODEL	AREA	MATERIAL (cm²/ in²)	L	W (cm/ in)
THOR 815	815 /126,58	CARBON/CARBON	49,50 / 19,49	19,50 / 7,68

MATERIAL: blade/shaft



OUTRIGGER - POLINESIANA RACE

Full Carbon Outrigger Canoe Paddle. It is a lightweight and durable, great for sprints and distance alike. The edge of the blade has a thin layer running on top of the carbon to protect the edge from nicks and cracks, guaranteeing the perfect water entry every stroke. The single bend paddle has a 10 degree bend where the paddle blade meets the shaft. Available with an Adjustable Shaft System (MINIVARIO).



MODEL	AREA (cm²/ in²)	MATERIAL	L (cm/ in)	W (cm/ in)	KICKBACK ANGLE	CONFIGURATION
RACE 715	715 / 110,87	CARBON/CARBON	44,0 / 19,72	23,60 / 9,29	10°	S 1P
					10°	S 2P MW
RACE 760	760 / 117,85	CARBON/CARBON	44,0 / 19,72	24 / 9,45	10°	S 1P OI
					10°	S 2P MW

S 1P : STRAIGHT SHAFT 1 PIECE
S 2P : STRAIGHT SHAFT 2 PIECES MINI VARIO

MATERIAL: blade/shaft





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