



CARBON i9

CARBON LOGO

RIMS & WHEELSETS	742	735	942	935	S35 27.5	S28 27.5	S35 29	S28 29
Wheel Size (in)	27.5	27.5	29	29	27.5	27.5	29	29
Outer Width (mm)	41	35	41	35	41	35	41	35
Inner Width (mm)	35	29	35	29	35	28.6	35	28.6
Rim Weight (g)	435	390	465	410	420	380	445	405
Rim Material	Toughen Hybrid Carbon				Toughen Hybrid Carbon			
Drilling	32				32			
Type	Tubeless				Tubeless			
Wheelset Weight	1630	1540	1690	1590	1640	1570	1710	1630
Section Height	19.5				29.5		20	19.5
Spoke Offset (mm)	5	2.5	5	2.5	18.3	18.35	18.3	18.35
Spoke Length (mm)**	Front: 276 D, 275 ND Rear: 276 D, 274 ND	Front: 276 D, 275 ND Rear: 271 D, 274 ND	Front: 295 D, 293 ND Rear: 291 D, 293 ND		274 (All locations, front, rear, drive, non-drive)		293 (All locations, front, rear, drive, non-drive)	
Spokes	Sapim CX-Ray				Sapim D-Light			
Nipples	Sapim Double Square				Sapim Double Square		Sapim Polyax	
Cross	3				3			
ERD (mm)*	562	563	602	600	566	564	604	602
Thru Axle Options (mm)	Front: 15x110 / Rear: 12x148				Front: 15x110 / Rear: 12x148			
Features	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	2.5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	2.5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	- Carbon Tool Free Tire Mounting		5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	
HUBS	742	735	942	935	S35 27.5	S28 27.5	S35 29	S28 29
Brand	Industry Nine				Ibis			
Freehub Mechanism	60T, 64-Pawls Out of Phase				36T, 4-Pawls			
Freehub Engagement	3°				10°			
Driver	Sram XD, Shimano 12-Speed Microspline and 11-Speed Hyperglide				Sram XD, Shimano 12-Speed Microspline and 11-Speed Hyperglide			
Number of Bearings	x4				x4			
Brand of Bearings	Enduro				Enduro			
Disc Rotor Mount Type	Centerlock				6-Bolt			
WARRANTY/BUILD ORIGIN	742	735	942	935	S35 27.5	S28 27.5	S35 29	S28 29
Rim Warranty	Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)				Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)			
Hub Warranty	2 Years				2 Years			
Wheel Build	USA				Taiwan			
Notes	*All measured using Wheelsmith "Rim Rod" ERD sticks, p/n TL002, with 0.25mm Sapim HM Nipple Washers. **D = Drive Side, ND = Non-Drive side. We generally aim for 120kg of spoke tension on both sides of the wheel.							

SPECIFICATIONS SUBJECT TO CHANGE

**IBIS****CARBON LOGO**

RIMS & WHEELSETS	741	941	928	742	942	D30
Wheel Size (in)	27.5"	29"	29"	27.5"	29"	700c
Outer Width (mm)	41	41	28	41	41	26
Inner Width (mm)	35	35	22	35	35	19
Rim Weight (g)	473	500	400	435	465	400
Rim Material	Carbon			Toughened Hybrid Carbon		Carbon
Drilling	32 Hole					
Type	Tubeless					
Wheelset Weight	1734	1768	1580	1668	1748	1504
Section Height	29.5	29.5	20	19.5	19.5	30
Spoke Offset (mm)	None			5		0
Spoke Length (mm)**	Front: 257 D, 255 ND Rear: 255 D, 257 ND	Front: 283 D, 282 ND Rear: 281 D, 283 ND	Front: 286 D, 284 ND Rear: 284 D, 286 ND	272 (All locations, front, rear, drive, non-drive)	291 (All locations, front, rear, drive, non-drive)	Front: 278 D, 280 ND Rear: 280 D, 278 ND
Spokes	Pillar DB 14/17			Sapim D-Light		
Nipples	Sapim Double Square			Sapim Polyax		
Cross	2			3		2
ERD (mm)*	542	583	602	560.6	598.6	583
Thru Axle Options (mm)	Front: 15x100 / Rear: 12x142			Front: 15x110 / Rear: 12x148		Front: 15x100 / Rear: 12x142
Features	- Carbon Tool Free Tire Mounting			5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting		Readily accepts tires from 23c to 42c
HUBS	741	941	928	742	942	D30
Brand	Ibis					
Freehub Mechanism	36T, 4-Pawls					
Freehub Engagement	10°					
Driver	Sram XD or Shimano					
Number of Bearings	x4					
Brand of Bearings	Enduro					
Disc Rotor Mount Type	6-Bolt					
WARRANTY/BUILD ORIGIN	741	941	928	742	942	D30
Rim Warranty	Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)					
Hub Warranty	2 Years					
Wheel Build	USA			Taiwan		
Notes	*All measured using Wheelsmith "Rim Rod" ERD sticks, p/n TL002, with 0.25mm Sapim HM Nipple Washers. **D = Drive Side, ND = Non-Drive side. We generally aim for 120kg of spoke tension on both sides of the wheel.					

SPECIFICATIONS SUBJECT TO CHANGE



ALUMINUM

RIMS & WHEELSETS	733	738	933	938	638 (Rim only)	S35 / 27.5	S35 / 29
Wheel Size (in)	27.5"	27.5"	29"	29"	26"	27.5"	29"
Outer Width (mm)	33	38	33	38	38	39	39
Inner Width (mm)	29	34	29	34	34	35	35
Rim Weight (g)	400	526	490	565	500	525	560
Rim Material	6066 Aluminum					6061 Aluminum	
Drilling	32 Hole						
Type	Tubeless						
Wheelset Weight	1593	1880	1825	1935	N/A	1810	1880
Section Height	19.5					18.3	18.35
Spoke Offset (mm)	2.5	5	2.5	5			
Spoke Length (mm)**	273 (All locations, front, rear, drive, non-drive)		292 (All locations, front, rear, drive, non-drive)		N/A	274 (All locations, front, rear, drive, non-drive)	293 (All locations, front, rear, drive, non-drive)
Spokes	Pillar DB 14/15				N/A	Sapim D-Light	
Nipples	Sapim Polyax				N/A	Sapim Polyax / 14mm	
Cross	3						
ERD (mm)*	563	562	599		537	565	602
Thru Axle Options (mm)	Front: 15x100 / Rear: 12x142	Front: 15x110 / Rear: 12x148			N/A	Front: 15x110 / Rear: 12x148	
Features	2.5mm Assymetric Welded, Black Ano/Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, Black Ano / Laser Engraved, Tool Free Tire Mounting	2.5mm Assymetric Welded, Black Ano/Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, Black Ano / Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, - Tool Free Tire Mounting	5mm Asymmetric Welded, Stan's BST Patent, Max PSI 40	
HUBS	733	738	733	938	638 (Rim only)	S35 / 27.5	S35 / 29
Brand	Ibis				N/A	Ibis	
Freehub Mechanism	36T 4-Pawl				N/A	36T 4-Pawl	
Freehub Engagement	10°				N/A	10°	
Driver	Sram XD and Shimano Hyperglide				N/A	Sram XD, Shimano 12-Speed Microspline and 11-Speed Hyperglide	
Number of Bearings	x4				N/A	x4	
Brand of Bearings	Enduro				N/A	Enduro	
Disc Rotor Mount Type	6-Bolt				N/A	6-Bolt	
WARRANTY/BUILD ORIGIN	733	738	733	938	638 (Rim only)	S35 / 27.5	S35 / 29
Rim Warranty	Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)						
Hub Warranty	2 Years						
Wheel Build	Taiwan				N/A	Taiwan	
Notes	*All measured using WheelSmith "Rim Rod" ERD sticks, p/n TL002, with 0.25mm Sapim HM Nipple Washers. **D = Drive Side, ND = Non-Drive side. We generally aim for 120kg of spoke tension on both sides of the wheel.						

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