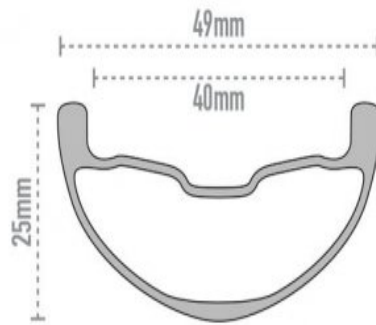


M640 Carbon Fiber Wheelset

RIM Specs

Details	Front	Rear
Rim Depth	25mm	25mm
External Width	49mm	49mm
Internal Width	40mm	40mm
Hole Count	28	28
Effective Rim Diameter	27.5" 571mm 29" 608mm	27.5" 571mm 29" 608mm
Recommended Tire Size	2.8 in - 3.2 in	2.8 in - 3.2 in



27.5" Specs

Details	Front	Rear	Wheelset
Rim Weight	457g	457g	913g
i9 Hydra CL	736g	869g	1604g
Chris King ISO 6B	764g	934g	1697g
i9 101 CL	786g	930g	1716g

29" Specs

Details	Front	Rear	Wheelset
Rim Weight	495g	495g	989g
i9 Hydra CL	778g	911g	1689g
Chris King ISO 6B	809g	979g	1789g
i9 101 CL	838g	982g	1821g

SPOKE INFORMATION

Details	Spoke Cross	Front Length (NDS/DS)	Rear Length (NDS/DS)
DT240 27.5" 6B non-Boost	2X	268mm / 270mm	270mm / 268mm
DT240 27.5" 6B Boost	2X	268mm / 274mm	270mm / 270mm
DT240 27.5" CL non-Boost	2X	272mm / 274mm	272mm / 270mm
DT240 27.5" CL Boost	2X	272mm / 274mm	274mm / 272mm
Chris King 27.5" non-Boost	2X	268mm / 270mm	270mm / 268mm
Chris King 27.5" Boost	2X	268mm / 268mm	270mm / 268mm
DT240 29" 6B non-Boost	2X	286mm / 288mm	286mm / 288mm
DT240 29" 6B Boost	2X	286mm / 292mm	288mm / 288mm
DT240 29" CL non-Boost	2X	290mm / 292mm	290mm / 288mm
DT240 29" CL Boost	2X	290mm / 292mm	290mm / 288mm
Chris King 29" non-Boost	2X	288mm / 288mm	288mm / 286mm
Chris King 29" Boost	2X	286mm / 286mm	288mm / 286mm
i9 Hydra Boost CL - 27.5"	2X	272mm / 276mm	272mm / 268mm
i9 Hydra Boost CL - 29"	2X	290mm / 294mm	292mm / 286mm
i9 Hydra 6B Superboost - 27.5"	2X	268mm / 274mm	270mm / 268mm
i9 Hydra 6B Superboost - 29"	2X	286mm / 292mm	288mm / 286mm
i9 101 CL Boost - 27.5"	2X	272mm / 276mm	274mm / 268mm

Details	Spoke Cross	Front Length (NDS/DS)	Rear Length (NDS/DS)
i9 101 CL Boost - 29"	2X	290mm / 294mm	292mm / 286mm

Note: *This wheelset is built with Sapim CX Ray spokes, except 101 builds, which use Sapim Force spokes. Those built before May 2018 may use a DT Swiss spoke equivalent. DT Swiss spoke heads are stamped "DT".

PRESSURE RECOMMENDATIONS- PSI

ENVE Model		M525			M630 & M730			M635 & M735			M735 E			M640		M930			M685		
Application		XC			Trail			Wide Trail			E-MTB			Trail+		DH/Gravity			FAT/Snow		
Inner Rim Width		25			30			35			35			40		30			85		
Tire Size		2.1	2.25	2.4	2.35	2.4	2.5	2.5	2.6	2.8	2.5	2.6	2.8	2.8	3	2.35	2.4	2.5	3.8	4.5	5
< 120 lbs. / 54Kg	F	17-20	16-19	15-18	16-19	15-19	15-18	14-17	14-17	13-16	16-18	15-18	14-17	12-13	11-12	21-25	21-24	20-24	3 3	2.5	1.5
	R	18-21	17-20	16-19	16-20	16-19	15-19	15-18	15-18	14-17	17-19	16-19	15-18	13-15	13-14	22-26	22-25	21-25			
120-140 lbs. / 54-64 Kg	F	18-21	17-20	16-19	16-20	16-19	15-19	15-18	14-17	14-16	16-19	16-18	15-17	12-13	11-12	22-26	22-25	21-24	4 4	3.5	2.5
	R	18-22	17-21	16-20	17-20	17-20	16-19	16-19	15-18	14-17	17-20	17-19	16-18	14-15	13-14	23-27	22-26	22-25			
140-160 lbs./ 64-73 Kg	F	18-22	17-21	16-20	17-20	17-20	16-19	16-18	15-18	14-17	17-20	16-19	15-18	13-14	12-13	23-27	23-26	22-25	5 5	4.5	3.5
	R	19-23	18-22	17-21	18-21	17-21	17-20	17-20	16-19	15-18	18-21	17-20	16-19	15-16	14-15	24-28	24-27	23-27			
160-180 lbs./ 73-82 Kg	F	19-23	18-22	17-21	18-22	18-21	17-21	16-20	16-19	15-18	18-21	17-20	16-19	13-14	13-14	24-28	24-28	23-27	6 6	5.5	4.5
	R	20-24	19-23	18-22	19-23	18-22	18-21	17-21	16-20	16-19	19-22	18-21	17-20	15-17	15-16	25-29	25-29	24-28			
180-200 lbs./ 82-91 Kg	F	21-25	19-24	18-22	19-23	19-23	18-22	17-21	17-20	16-19	19-22	18-21	17-20	14-15	13-15	26-30	25-30	25-29	7 7	6.5	5.5
	R	21-26	20-25	19-23	20-24	19-24	19-23	19-22	18-21	17-20	20-24	20-23	18-22	16-18	16-17	27-31	26-31	26-30			
200-220 lbs./ 91-100 Kg	F	22-27	21-25	20-24	20-25	20-24	19-23	19-22	18-22	17-20	20-24	20-23	19-22	15-16	14-16	28-32	27-32	26-31	8 8	7.5	6.5
	R	23-28	22-26	21-25	21-26	21-26	20-24	20-24	19-23	18-22	22-25	21-24	20-23	18-19	17-18	29-34	28-33	27-32			
220-240 lbs./ 100-108 Kg	F	24-29	22-27	21-26	22-27	22-26	21-25	20-24	20-23	18-22	22-26	21-25	20-23	16-18	16-17	30-35	29-34	28-33	9 9	8.5	7.5
	R	25-30	23-28	22-27	23-28	22-27	22-26	21-25	21-25	20-23	23-27	23-26	21-25	19-20	18-19	31-36	30-36	29-34			

PRESSURE RECOMMENDATIONS- BAR

ENVE Model		M525			M630 & M730			M635 & M735			M735 E			M640		M930			M685		
Application		XC			Trail			Wide Trail			E-MTB			Trail+		DH/Gravity			FAT/Snow		
Inner Rim Width		25			30			35			35			40		30			85		
Tire Size		2.1	2.25	2.4	2.35	2.4	2.5	2.5	2.6	2.8	2.5	2.6	2.8	2.8	3	2.35	2.4	2.5	3.8	4.5	5
< 120 lbs. / 54Kg	F	1.17-1.24	1.10-1.17	1.03-1.10	1.10-1.17	1.03-1.10	1.03-1.10	0.96-1.03	0.96-1.03	0.89-1.10	1.10-1.17	1.03-1.10	0.96-1.10	0.82-0.89	0.75-0.89	1.44-1.51	1.44-1.51	1.37-1.44	0.2	0.15	0.1
	R	1.24-1.44	1.17-1.37	1.10-1.13	1.10-1.17	1.10-1.13	1.03-1.10	1.03-1.10	1.03-1.10	1.10-1.17	1.17-1.31	1.10-1.13	1.03-1.10	0.89-1.03	0.89-0.96	1.51-1.80	1.51-1.79	1.44-1.72			
120-140 lbs. / 54-64 Kg	F	1.24-1.51	1.17-1.44	1.10-1.13	1.10-1.17	1.10-1.17	1.03-1.10	1.03-1.10	0.96-1.10	0.96-1.10	1.10-1.17	1.10-1.17	1.03-1.10	0.82-0.96	0.75-0.96	1.51-1.86	1.51-1.80	1.44-1.79	0.25	0.25	0.15
	R	1.24-1.51	1.17-1.44	1.10-1.13	1.10-1.17	1.10-1.17	1.03-1.10	1.03-1.10	1.03-1.10	1.10-1.17	1.17-1.31	1.10-1.13	1.03-1.10	0.89-1.03	0.89-1.03	1.58-1.86	1.51-1.80	1.44-1.79			
140-160 lbs./ 64-73 Kg	F	1.24-1.58	1.17-1.51	1.10-1.14	1.10-1.17	1.10-1.17	1.03-1.10	1.03-1.10	0.96-1.10	0.96-1.10	1.10-1.17	1.10-1.17	1.03-1.10	0.82-0.96	0.75-0.96	1.58-1.93	1.58-1.86	1.51-1.86	0.35	0.3	0.25
	R	1.31-1.58	1.24-1.51	1.17-1.14	1.17-1.14	1.17-1.14	1.10-1.13	1.10-1.13	1.10-1.13	1.10-1.13	1.17-1.14	1.17-1.13	1.10-1.13	0.89-1.10	0.89-1.03	1.65-1.93	1.65-1.86	1.58-1.86			

ENVE Model		M525			M630 & M730			M635 & M735			M735 E			M640		M930			M685		
Application		XC			Trail			Wide Trail			E-MTB			Trail+		DH/Gravity			FAT/Snow		
Inner Rim Width		25			30			35			35			40		30			85		
Tire Size		2.1	2.25	2.4	2.35	2.4	2.5	2.5	2.6	2.8	2.5	2.6	2.8	2.8	3	2.35	2.4	2.5	3.8	4.5	5
160-180 lbs./ 73-82 Kg	F R	1.31-1.58 1.37-1.65	1.24-1.51 1.31-1.58	1.17-1.44 1.24-1.51	1.24-1.51 1.31-1.58	1.24-1.44 1.24-1.51	1.17-1.44 1.24-1.44	1.10-1.37 1.17-1.44	1.10-1.31 1.17-1.44	1.03-1.24 1.10-1.31	1.24-1.44 1.31-1.44	1.17-1.37 1.24-1.44	1.10-1.31 1.17-1.37	0.89-0.96 1.03-1.17	0.89-0.96 1.03-1.10	1.65-1.93 1.79-1.99	1.65-1.93 1.79-1.99	1.58-1.86 1.79-1.93	0.4 0.4	0.4 0.4	0.3 0.3
180-200 lbs./ 82-91 Kg	F R	1.44-1.79 1.44-1.80	1.31-1.65 1.37-1.79	1.24-1.51 1.31-1.58	1.31-1.58 1.17-1.65	1.31-1.58 1.31-1.65	1.24-1.51 1.31-1.58	1.17-1.44 1.51-1.44	1.17-1.37 1.44-1.37	1.10-1.31 1.17-1.37	1.31-1.51 1.37-1.65	1.24-1.44 1.37-1.58	1.17-1.37 1.24-1.51	0.89-1.03 1.10-1.24	0.89-1.03 1.10-1.17	1.80-2.06 2.13-2.13	1.79-2.06 2.13-2.13	1.79-1.99 2.06-2.20	0.5 0.5	0.45 0.45	0.4 0.4
200-220 lbs./ 91-100 Kg	F R	1.51-1.86 1.58-1.93	1.44-1.79 1.51-1.80	1.37-1.65 1.44-1.79	1.17-1.79 1.44-1.80	1.17-1.65 1.44-1.79	1.31-1.58 1.37-1.65	1.31-1.51 1.37-1.65	1.24-1.51 1.51-1.58	1.17-1.37 1.24-1.51	1.37-1.65 1.51-1.79	1.37-1.58 1.44-1.65	1.31-1.51 1.37-1.58	1.03-1.10 1.10-1.24	0.96-1.10 1.17-1.24	1.93-2.20 2.34-2.34	1.86-2.20 2.27-2.27	1.80-2.13 2.13-2.20	0.55 0.55	0.55 0.55	0.45 0.45
220-240 lbs./ 100-108 Kg	F R	1.65-1.99 1.79-2.06	1.51-1.86 1.58-1.93	1.44-1.80 1.51-1.86	1.51-1.86 1.58-1.93	1.51-1.80 1.51-1.86	1.44-1.79 1.51-1.80	1.37-1.65 1.44-1.79	1.37-1.58 1.44-1.79	1.24-1.51 1.37-1.58	1.51-1.80 1.58-1.80	1.44-1.79 1.58-1.80	1.37-1.58 1.44-1.79	1.10-1.24 1.17-1.31	1.10-1.17 1.24-1.31	2.06-2.41 2.48-2.48	1.99-2.34 2.48-2.48	1.93-2.27 2.34-2.34	0.62 0.62	0.60 0.60	0.55 0.55

For high-traction trail conditions, the upper end of our recommended pressures may not be sufficient. Therefore, we recommend that you increase your tire pressure 5-10% at a time until you find your optimal tire pressure. Examples of high traction conditions would include loam, sandstone/slickrock, tacky flow trails, etc...

If running tires with double ply, triple ply, or DH casings, consider testing the lower range of the recommended tire pressures and move up or down from there until you've found your optimal tire pressure.