



Mobile Launch Monitor (MLM)

vs.

Trackman

Data Comparison
May, 2020

Testing occurred at Golf Laboratories in San Diego, CA
using the computer controlled robot.

Note: Normalized Trackman data is used for comparison
All data shown is in yards and mph

*Data is rounded to the nearest hundredth

MLM vs. Trackman

Driver (D)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	187.42	186.65	-0.77	59.65	60.20	-0.54	12.31	11.18	1.13
	206.06	206.80	0.74	63.95	64.30	-0.35	11.99	10.43	1.55
	208.96	207.78	-1.18	64.16	64.72	-0.56	11.76	10.11	1.64
	211.41	211.21	-0.20	64.66	65.32	-0.66	11.39	10.09	1.30
	183.03	182.71	-0.32	62.68	63.10	-0.41	10.58	9.49	1.09
	179.43	177.32	-2.11	56.77	57.23	-0.46	12.89	12.10	0.79
	181.43	180.49	-0.94	57.06	57.65	-0.59	13.15	12.19	0.96
	170.31	169.77	-0.54	55.49	56.16	-0.67	12.93	11.81	1.12
	167.98	166.94	-1.04	55.22	55.77	-0.55	13.00	11.82	1.17
	183.06	181.65	-1.41	58.16	58.74	-0.58	13.22	11.82	1.39

3 Hybrid (3h)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	182.62	181.33	-0.29	59.42	59.89	-0.47	13.96	13.07	0.89
	196.20	196.64	0.44	64.27	64.52	-0.25	15.42	14.23	1.19
	195.41	196.04	0.63	64.30	64.79	-0.49	15.80	14.49	1.31
	185.73	186.07	0.34	60.50	61.32	-0.82	15.79	14.62	1.16
	183.94	184.43	0.49	60.35	60.80	-0.45	16.66	15.28	1.38
	189.28	189.53	0.25	61.76	62.35	-0.59	11.96	11.39	0.58
	187.21	186.36	-0.85	61.19	61.53	-0.34	12.35	11.52	0.82
	169.73	168.88	-0.84	55.81	56.28	-0.46	12.31	11.76	0.55
	172.30	170.82	-1.48	56.16	56.52	-0.36	12.46	11.84	0.63
	172.79	171.60	-1.19	56.34	56.79	-0.45	12.45	11.76	0.70

MLM vs. Trackman

4 Iron (4i)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	141.67	141.88	0.21	51.32	51.59	-0.27	20.63	19.54	1.10
	140.74	142.69	1.96	51.87	51.17	0.70	22.19	21.30	0.89
	141.62	145.69	4.07	51.71	52.10	-0.38	19.93	19.29	0.64
	139.46	143.97	4.50	51.22	51.53	-0.30	21.26	19.90	1.36
	152.78	140.21	-12.57	50.50	51.38	-0.88	20.64	19.76	0.88
	140.39	140.71	0.32	51.31	51.90	-0.59	20.96	19.66	1.30
	139.50	136.62	-2.88	51.22	50.85	0.37	20.28	19.15	1.13
	139.54	137.78	-1.77	51.12	51.30	-0.18	21.18	19.79	1.38
	142.01	145.49	3.48	51.66	52.18	-0.52	19.90	18.50	1.39
	141.77	142.03	0.26	51.66	51.60	0.05	20.02	18.98	1.04

7 Iron (7i)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	144.07	148.29	3.20	52.31	52.93	-0.62	21.01	19.27	1.74
	144.44	145.93	1.49	52.44	53.07	-0.62	20.48	18.98	1.50
	143.83	147.35	3.52	52.24	52.37	-0.12	19.92	20.31	-0.39
	143.92	145.59	1.67	52.28	52.73	-0.45	20.34	19.35	0.99
	143.67	143.88	0.21	52.34	51.88	0.46	20.25	19.51	0.74
	142.32	143.25	0.93	51.79	52.69	-0.9	20.39	18.69	1.71
	143.64	142.96	-0.68	52.08	53.08	-1.00	20.36	19.12	1.24
	142.62	142.54	-0.08	51.93	52.90	-0.97	20.29	18.93	1.35
	145.28	147.94	2.66	51.96	52.68	-0.72	20.34	19.63	0.71
	146.65	149.29	2.64	52.05	52.79	-0.74	22.42	20.20	2.22

MLM vs. Trackman

Sand Wedge (sw)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	101.22	102.12	0.90	39.94	40.19	-0.25	28.15	26.90	1.24
	100.22	104.39	4.17	39.56	39.92	-0.36	26.58	25.97	0.61
	101.86	101.33	-0.53	40.18	39.85	0.33	27.58	25.77	1.81
	101.98	104.56	2.58	40.13	40.90	-0.77	27.84	26.45	1.39
	101.07	103.23	2.16	39.88	40.43	-0.55	27.04	25.67	1.37
	102.57	101.97	-0.60	40.46	40.01	0.45	27.62	25.05	2.56
	101.53	103.05	1.52	40.01	40.37	-0.36	26.84	25.69	1.15
	102.63	103.72	1.09	40.35	40.61	-0.26	26.88	26.07	0.81
	101.54	103.99	2.45	40.09	40.26	-0.17	28.00	27.54	0.46
	101.12	104.05	2.93	39.94	40.58	-0.64	29.76	28.80	0.96

Gap Wedge (gw)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	62.95	59.11	-3.84	28.38	28.57	-0.19	33.71	32.04	1.68
	27.55	21.82	-5.74	17.51	17.57	-0.06	33.11	31.41	1.70
	27.48	23.94	-3.54	17.56	18.34	-0.78	32.79	30.75	2.03
	73.25	72.50	-0.75	31.57	31.36	0.21	31.70	29.95	1.75
	72.61	68.29	-4.32	31.42	31.76	-0.33	33.53	31.44	2.08
	71.73	68.47	-3.26	31.15	31.49	-0.34	33.24	31.24	2.00
	71.97	71.04	-0.93	31.26	32.06	-0.79	34.46	32.55	1.91
	71.94	67.97	-3.97	31.20	31.08	0.13	33.16	31.68	1.48
	70.96	63.60	-7.36	30.59	30.00	0.58	35.25	34.73	0.52
	72.18	69.10	-3.08	30.89	31.49	-0.60	34.53	32.67	1.87



MLM vs. Trackman

Pitching Wedge (pw)									
	TM Carry	MLM Carry	Carry Difference	TM Ball Speed	MLM Ball Speed	Ball Speed	TM Launch Angle	MLM Launch Angle	Launch Angle Difference
Avg.	126.59	128.87	2.28	47.54	47.95	-0.42	24.27	22.93	1.34
	127.04	129.44	2.39	126.59	128.87	2.28	20.48	18.98	1.50
	126.15	128.74	2.59	52.24	52.37	-0.12	19.92	20.31	-0.39
	126.10	128.00	1.91	52.28	52.73	-0.45	20.34	19.35	0.99
	126.83	130.69	3.86	52.34	51.88	0.46	20.25	19.51	0.74
	126.90	126.14	-0.77	51.79	52.69	-0.90	20.39	18.69	1.71
	129.82	129.01	-0.81	52.08	53.08	-1.00	20.36	19.12	1.24
	126.37	131.27	4.90	51.93	52.90	-0.97	20.29	18.93	1.35
	123.93	127.49	3.57	51.96	52.68	-0.72	20.34	19.63	0.71
	127.30	127.34	0.04	52.05	52.79	-0.74	22.42	20.20	2.22