

SAILWORKS 2023 MAST SPECIFICATIONS

01-Sep-23



Model	Length	Carbon	Weight	MCS	IMCS	Net Deflections (mm)			Curve Ratio		Curve
	(cm)	Content	(kg)	Stiffness	Stiffness	1/4 point	1/2 point	3/4 point	1/4 %	3/4 %	Delta
LIGHTSTICK SDM	460	100%	1.6	25.4	25.9	113.0	177.5	136.5	63.7%	76.9%	13.2
LIGHTSTICK SDM	490	100%	1.9	26.1	30.2	117.5	184.0	141.5	63.9%	76.9%	13.0
LIGHTSTICK SDM	520	100%	2.2	26.4	34.4	124.0	193.0	149.0	64.2%	77.2%	13.0
JOYSTICK SDM	430	75%	1.7	23.9	21.3	112.0	176.0	135.0	63.6%	76.7%	13.1
JOYSTICK SDM	460	75%	1.9	25.6	26.1	111.0	176.0	135.0	63.1%	76.7%	13.6
JOYSTICK SDM	490	75%	2.2	25.8	29.9	118.5	186.0	142.5	63.7%	76.6%	12.9
FLIGHTSTICK RDM	340	100%	1.1	25.6	14.4	82.0	129.0	101.0	63.6%	78.3%	14.7
FLIGHTSTICK RDM	370	100%	1.3	25.0	16.6	92.0	144.0	112.0	63.9%	77.8%	13.9
FLIGHTSTICK RDM	400	100%	1.6	25.5	19.8	97.5	153.0	118.5	63.7%	77.5%	13.7
FLIGHTSTICK RDM	430	100%	1.7	24.6	22.0	109.0	171.0	132.0	63.7%	77.2%	13.5
FLIGHTSTICK RDM	460	100%	1.9	24.7	25.3	116.0	182.0	140.0	63.7%	76.9%	13.2
SUMO RDM	370	91%	1.5	24.0	16.0	96.0	150.0	115.0	64.0%	76.7%	12.7
SUMO RDM	400	91%	1.7	25.0	19.4	100.0	156.0	119.5	64.1%	76.6%	12.5
SUMO RDM	430	91%	1.9	25.8	23.1	104.0	163.0	124.0	63.8%	76.1%	12.3
SUMO RDM	460	91%	2.1	26.0	26.6	111.0	173.0	132.0	64.2%	76.3%	12.1

Flightstick, Joystick and Lightstick masts are made for Sailworks in Italy by Reglass.

Sumo masts are made in the USA by Innovative Composite Engineering

Specifications subject to change without notice.