



# SAIL MANUAL

2019

## RIGGING INSTRUCTIONS

Please follow these instructions carefully as you rig. This product can be damaged if rigged incorrectly. Incorrect rigging will void the warranty.

### Skyscape, Switchblade, Racingblade, Speedblade, BladeFR & Raceboardblade

Loftsails Blade, Switchblade, Blade FR and Raceboard Blade designs are specialized, performance camber-induced sails that are best rigged with the following sequence:

1. Lay out your Blade on a dry, sand-free and ideally wind-free surface.
2. Check that the Tekcams matches the mast you want to rig on it: Large for SDM masts, REDUCED for RDM mast
3. Insert the recommended mast fully into the mast pocket WITHOUT threading the mast thru the Tekcams (by-pass all cams so that the mast goes easily above the battens & mast panel and directly up to the sail top).



**Check that the sail top plug is correctly seated into the mast top**

4. Set your mast extension to the recommended length, thread downhaul line and apply firm tension so the mast bends to allow the boom to be mounted.
5. Set the boom to the recommended length and mount the boom on the mast.
6. Apply FIRM outhaul tension; pull the sail flat so that the Tekcams are pulled back and away from the mast.
7. FULLY release downhaul tension.



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8. Set Tekcams into position on the mast by pushing up on the cams from the lower side with one hand and down on the sail batten inside the mast pocket (cam zips open, enter boomhole) for each cam. This action allows the cams to be pushed up into place. Do not over-apply pressure! If cams do not easily go into place, apply more outhaul tension & less downhaul tension.

"Press here Inside mast sleeve. (open zip)"



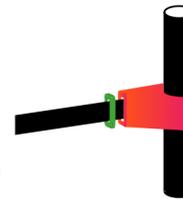
"Push Tekcam back and up onto mast."

9. Once all Tekcams are set in place on the mast, apply full downhaul tension.
10. Check all batten tensions with the Loftsails batten tensioner included inside your mast pocket.
11. Set outhaul tension to suit windsurfing conditions- and GO ENJOY THE WIND!

**TIP** Avoid allowing cams to 'snap' off the mast when de-rigging. Manually removing cams from the mast (opposite of rigging sequence above) will extend the life of your Blade.

### Tekcam Spacers

- 4 to 6 Tekcam spacers are included in your sailbag.
- Tekcam spacers can be placed between the cams and mast panel front edge to promote a cleaner leading edge.
- Spacers may affect cam rotation (more difficult).
- Mounting more than 2 spacers per Tekcam is not recommended!



### Purelip, Wavescape, Airscape, Oxygen

1. Lay out your Loftsail on a dry, sand-free, and ideally wind-free surface.
2. Insert the recommended mast fully into the mast pocket. Pull the sail down onto the mast at the molded label just above the boomhole- a large fold will arrive at the sail boomhole. Once the top plug is correctly seated into the mast top, then pull the sail down at the tack corner. Do not only pull down at tack- this causes damaging pressure between the mast top and the mast sleeve and will void the warranty!
3. Set your mast extension to the recommended length, thread downhaul line and apply firm tension.
4. Set the boom to the recommended length, mount boom on mast, tension outhaul.
5. Apply full downhaul tension.
6. Check all batten tensions with the batten tensioner key included with your sail. Upper battens (flat profile) need less tension, lower battens (full profile) need more tension. Over tensioning battens may affect rotation and possibly damage your sail.
7. Set outhaul tension to suit windsurfing conditions & GO ENJOY YOUR SESSION!

### Trim!

Trim your Sail! When powered-up- apply full downhaul tension! Release outhaul to suit wind conditions.

Adjust your outhaul: strong winds- flat = easy. Light winds- released = power.

### Items to note...

- Be sure the bottom mast section is fully inserted into the top section before applying full downhaul tension. This can be easily done by carefully feeling the mast through the mast pocket, or use tape to cover the connection.
- Keep sand away from your sail! Sand degrades cam rotation, and may cause excessive wear of the mast, and promotes early aging of your sail. Never drive the mast top into the sand as a method of anchoring the rig. Should sand enter the Blade mast pocket, take care to completely rinse.
- Control and Keep clean the Tekcam rollers and Tekcam friction area and on the mast too, large scratches on the mast will avoid the warranty
- Your sail should be dry and sand-free when rolling for storing in the sailbag.
- Keep your Sail out of the sun when not in use if possible!
- Batten tensioners- keep clean and occasionally apply a small amount of lubricant to each batten tensioner.

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### Loftsails Warranty Policy

Loftsails warrants to the original purchaser that Loftsails products are free from defects in materials and workmanship. Loftsails will repair or replace any product deemed by Loftsails to be defective, provided the original purchaser makes a claim within one year\* of the date of purchase from Loftsails or an authorized Loftsails dealer. This warranty is solely for the benefit of the original retail purchaser and may not be assigned.

This warranty does not cover natural wear, accidental damage, misuse, improper care, scratches or paint chipping, damage caused when transporting or storing the product, use in schools/rentals and/or damage arising from alterations. This warranty does not cover accidental damage from exposure to shore-break, reef wave, or any irresponsible use. Claims for incidental damage or consequential loss are specifically excluded from this warranty.

The foregoing warranty policy is in lieu of and excludes all other warranties of quality and performance, whether written, oral or implied and all other warranties, including any implied warranties of merchantability or fitness for a particular purpose, are hereby disclaimed. In no event shall Loftsails be liable for special, indirect, incidental, consequential, statutory or exemplary damages, whether in contract, tort, civil responsibility, negligence, strict liability or otherwise including, without limitation, loss to property other than this product, loss of use of said product, or other property or other economic losses. Loftsails shall not be liable for contribution or indemnification, whatever the cause. For retail customer warranty claims, proof of purchase from an authorized dealer is required. If the date of purchase cannot be established, Loftsails will make a determination based upon on the last production year of the particular model, or on the condition of the equipment claimed. This warranty does not effect the statutory rights of the consumer, Loftsails will determine if a product is covered under this warranty policy. If covered, Loftsails will, at Loftsails's sole option, repair or replace the product in question. This warranty cover the component only.

Please find our complete warranty policy on our web site and you can contact us for any question on our warranty policy

[www.loftsails.com](http://www.loftsails.com)

To file a claim please contact your dealer.

Note the items needed for acceptance of claims:

- Written description of the defect with digital photographs to support the claim
- An image of the original dated sales invoice from an authorized Loftsails dealer.

Do not return the product unless you are instructed by Loft Sails to do so; freight charges will not be accepted regarding returned items without prior arrangement

\*delay can vary from one jurisdiction to another, please read our complete Warranty Policy on our web site

## SPECIFICATIONS 2019

Size Luff Boom Vario Top Sail Weight (kg.) Ext. (cm.) Tekcam2 Battens Recommended Mast

Size	Luff	Boom	Vario Top	Sail Weight (kg.)	Ext. (cm.)	Tekcam2	Battens	Recommended Mast
<b>Purelip</b>								
3.0	340	136	YES	2.57	0	NO	4	340 Team Edition RDM/SDM
3.4	358	142	YES	2.77	18	NO	4	340 Team Edition RDM/SDM
3.7	370	148	YES	3.00	30	NO	5	340 Team Edition RDM/SDM
4.0	384	152	YES	3.10	14	NO	5	370 Team Edition RDM/SDM
4.2	392	158	NO	3.18	22	NO	5	370 Team Edition RDM/SDM
4.5	404	162	NO	3.27	34	NO	5	370 Team Edition RDM/SDM
4.7	412	166	NO	3.35	12	NO	5	400 Team Edition RDM/SDM
5.0	424	170	NO	3.48	24	NO	5	400 Team Edition RDM/SDM
5.2	430	174	NO	3.71	30	NO	5	400 Team Edition RDM/SDM
5.4	438	178	NO	3.77	38	NO	5	400 Team Edition RDM/SDM
5.7	452	182	NO	3.83	22	NO	5	430 Team Edition RDM/SDM
6.2	464	190	NO	3.91	34	NO	5	430 Team Edition RDM/SDM
<b>Wavescape</b>								
3.7	360	152	YES	2.82	20	NO	4	340 Team Edition RDM/SDM
4.0	370	154	YES	2.85	30	NO	4	340 Team Edition RDM/SDM
4.2	380	156	NO	2.89	10	NO	4	370 Team Edition RDM/SDM
4.5	394	160	NO	3.07	24	NO	4	370 Team Edition RDM/SDM
4.7	402	164	NO	3.19	32	NO	4	370 Team Edition RDM/SDM
5.0	418	168	NO	3.21	18	NO	4	400 Team Edition RDM/SDM
5.4	434	176	NO	3.25	34	NO	4	400 Team Edition RDM/SDM
5.7	448	182	NO	3.42	18	NO	4	430 Team Edition RDM/SDM
6.2	466	190	NO	3.60	36	NO	4	430 Team Edition RDM/SDM
<b>Airscape</b>								
4.0	388	150	NO	2.74	18	NO	4	370 Team Edition RDM/SDM
4.4	390	156	NO	2.84	20	NO	4	370 Team Edition RDM/SDM
4.8	408	162	NO	3.01	8	NO	4	400 Team Edition RDM/SDM
5.2	426	170	NO	3.08	26	NO	4	400 Team Edition RDM/SDM
<b>Oxygen</b>								
4.6	386	168	YES	3.65	16	NO	6	370 Vision RDM/SDM
5.3	412	182	YES	3.80	12	NO	6	400 Vision RDM/SDM
5.8	434	192	YES	4.08	34	NO	6	400 Vision RDM/SDM
6.3	444	198	NO	4.22	14	NO	6	430 Vision RDM/SDM
6.8	458	206	NO	4.42	28	NO	6	430 Vision RDM/SDM
7.0	466	210	NO	4.58	36	NO	6	430 Vision RDM/SDM
7.3	474	214	NO	4.74	14	NO	6	460 Vision RDM/SDM
7.8	490	220	NO	5.11	30	NO	7	460 Vision RDM/SDM
8.5	510	228	NO	5.20	20	NO	7	490 Vision RDM/SDM
9.5	532	238	NO	5.60	12	NO	7	520 Vision RDM/SDM

Size Luff Boom Vario Top Sail Weight (kg.) Ext. (cm.) Tekcam2 Battens Recommended Mast

Size	Luff	Boom	Vario Top	Sail Weight (kg.)	Ext. (cm.)	Tekcam2	Battens	Recommended Mast
<b>Skyscape</b>								
5.8	434	174	NO	4.63	34	3	5	400 Team Edition RDM/SDM
6.4	452	182	NO	4.72	22	3	5	430 Team Edition RDM/SDM
7.0	470	190	NO	5.04	10	3	5	460 Team Edition RDM/SDM
7.6	494	198	NO	5.61	34	3	5	460 Team Edition SDM/RDM
<b>Skyblade</b>								
8.6	518	226	NO	6.42	28	4	7	490 Team Edition SDM/RDM
9.4	526	234	NO	6.68	36	4	7	490 Team Edition SDM/RDM
<b>Switchblade</b>								
5.3	404	184	YES	4.65	34	3	6	370 Team Edition RDM/SDM
5.8	426	192	YES	4.87	26	3	6	400 Team Edition RDM/SDM
6.3	442	198	NO	4.94	12	3	6	430 Team Edition RDM/SDM
6.8	464	202	NO	5.15	34	3	6	430 Team Edition RDM/SDM
7.0	470	204	NO	5.40	10	3	6	460 Team Edition RDM/SDM
7.3	476	208	NO	5.68	16	3	6	460 Team Edition RDM/SDM
7.8	490	212	NO	6.13	30	3	7	460 Team Edition SDM/RDM
8.5	510	226	NO	6.25	20	3	7	490 Team Edition SDM/RDM
9.5	536	232	NO	6.49	16	3	7	520 Team Edition SDM/RDM
<b>Speedblade</b>								
5.1	384	170	NO	5.35	14	4	8.5	370 Team Edition RDM/SDM
5.6	408	176	NO	5.56	8	4	8.5	400 Team Edition RDM/SDM
6.1	432	178	NO	5.74	32	4	8.5	400 Team Edition RDM/SDM
<b>Racingblade</b>								
5.0	410	174	NO	5.16	40	4	7	370 Team Edition RDM/SDM
5.6	426	180	NO	5.30	26	4	7	400 Team Edition RDM/SDM
6.3	446	196	NO	5.63	16	4	7	430 Team Edition RDM/SDM
7.0	464	206	NO	5.93	34	4	7	430 Team Edition RDM/SDM
7.8	484	224	NO	6.18	24	4	7	460 Team Edition SDM/RDM
8.6	504	228	NO	6.42	14	4	7	490 Team Edition SDM/RDM
9.0	518	230	NO	6.60	28	4	7	490 Team Edition SDM/RDM
<b>BladeFR</b>								
10	544	249	NO	7.04	22	4	8	520 Team Edition SDM
11	565	262	NO	7.84	35	4	8	530 Team Edition SDM
12	586	276	NO	8.38	36	4	8	550 Team Edition SDM
<b>Raceboardblade</b>								
LW 7.5	482	224	NO	4.36	26	3	5	460 Team Edition SDM
LW 8.5	508	234	NO	4.87	18	3	5	490 Team Edition SDM
LW 9.5	548	250	NO	5.11	28	3	5	520 Team Edition SDM
9.5	530	264	NO	5.84	10	4	6	520 Team Edition SDM

\*Dates subject to change without notice.

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