

Single Line Lengths

 Glider Type: XG58 Trango X Race L (LTF/EN C)
 Rev. No.: 3

 Serial No.:
 Date: 20.04.2021

Line no.	Quantity	Length [mm]	material	colour
a1	2	866	8000U-090	Red
a2	2	778	8000U-070	Red
a3	2	787	8000U-070	Red
a4	2	825	8000U-090	Red
a5	2	740	8000U-090	Red
a6	2	656	8000U-070	Red
a7	2	642	8000U-070	Red
a8	2	672	8000U-090	Red
a9	2	569	8000U-070	Red
a10	2	470	8000U-070	Red
a11	2	240	8000U-050	Red
a12	2	241	8000U-050	Red
a13	2	548	8000U-050	Red
a14	2	498	8000U-050	Red
a15	2	500	8000U-050	Red
b1	2	762	8000U-090	Red
b2	2	674	8000U-070	Red
b3	2	683	8000U-070	Red
b4	2	725	8000U-090	Red
b5	2	648	8000U-090	Red
b6	2	570	8000U-070	Red
b7	2	565	8000U-070	Red
b8	2	603	8000U-090	Red
b9	2	539	8000U-070	Red
b10	2	453	8000U-070	Red
b11	2	240	8000U-050	Red
b12	2	242	8000U-050	Red
b13	2	542	8000U-050	Red
c1	2	685	8000U-090	Red
c2	2	594	8000U-070	Red
c3	2	601	8000U-070	Red
c4	2	642	8000U-090	Red
c5	2	560	8000U-090	Red
c6	2	480	8000U-070	Red
c7	2	467	8000U-070	Red
c8	2	510	8000U-090	Red
c9	2	472	8000U-070	Red
c10	2	381	8000U-070	Red
c11	2	232	8000U-050	Red
c12	2	234	8000U-050	Red
c13	2	590	8000U-050	Red
c14	2	560	8000U-050	Red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1664	8000U-130	Red
A2	2	1612	8000U-130	Red
A3	2	1560	8000U-130	Red
A4	2	1508	8000U-130	Red
A5	2	884	8000U-130	Red
A6	2	1040	8000U-070	Red
B1	2	1664	8000U-130	Red
B2	2	1612	8000U-130	Red
B3	2	1560	8000U-130	Red
B4	2	1508	8000U-130	Red
B5	2	884	8000U-130	Red
B6	2	1040	8000U-070	Red
C1	2	1664	8000U-130	Red
C2	2	1612	8000U-130	Red
C3	2	1560	8000U-130	Red
C4	2	1508	8000U-130	Red
C5	2	832	8000U-130	Red
C6	2	915	8000U-070	Red
Amain	2	4992	DC 200	Red
Amain2	2	4992	DC 200	Red
Amain3	2	5512	8000U-130	Red
Bmain	2	4912	DC 200	Red
Bmain2	2	4912	DC 200	Red
Bmain3	2	5437	8000U-130	Red
Cmain	2	5200	8000U-230	Red
Cmain2	2	5200	8000U-230	Red
Cmain3	2	5720	8000U-130	Red
ST1	2	676	8000U-070	Red
ST2	2	676	8000U-070	Red
STI	2	5286	8000U-090	Natural

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1019	8000U-050	Red
br2	2	747	8000U-050	Red
br3	2	819	8000U-050	Red
br4	2	845	8000U-050	Red
br5	2	609	8000U-050	Red
br6	2	476	8000U-050	Red
br7	2	469	8000U-050	Red
br8	2	515	8000U-050	Red
br9	2	473	8000U-050	Red
br10	2	444	8000U-050	Red
br11	2	257	8000U-050	Red
br12	2	436	8000U-050	Red
BR1	2	1612	8000U-070	Red
BR2	2	1404	8000U-070	Red
BR3	2	1144	8000U-050	Red
BR4	2	1040	8000U-050	Red
BR5	2	686	8000U-050	Red
BR6	2	915	8000U-050	Red
BR1	2	4108	8000U-090	Grey
BR1I	2	1924	8000U-070	Red
BR1II	2	2184	8000U-070	Red
BRMII	2	2496	8000U-090	Grey
Bmain	2	1330	989/1,5	Pink

Line material:

 Liros DC 200
 Edelrid 8000U-050
 Edelrid 8000U-070
 Edelrid 8000U-090
 Edelrid 8000U-130
 Edelrid 8000U-230
 Cousin 989/1,5

total length	no. of lines
254760	190

Line Check Sheet for Paragliders

Piece Check

Glider Type: XG58 Trango X Race M (LTF/EN C)	Serial No.:
Rev. No.: 3	Date: 20.04.2021

Line lengths [mm]

R. No.	Area A										Area B										Area C												
	Nom.	Left			Right				Nom.	Left			Right				Nom.	Left			Right												
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm
3	7225											7043												7241									
5	7140											6958												7153									
8	7098											6917												7108									
10	7134											6956												7148									
14	6996											6830												7016									
16	6915											6755												6939									
19	6851											6700												6876									
21	6879											6736												6917									
24	6680											6579												6729									
26	6585											6496												6642									
28	6516											6441												6578									
29	6516											6443												6580									
32	6240											6235												6270									
33	6192																																
34	6194																							6242									

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

Remark: blue marked lines are attached to the B-riser that is 80 mm longer than A,I,II and C riser

Brakes to be measured according to UP check procedure

R. No.	Area D										Brake										rib no. brakes		
	Nom.	Left			Right				Nom.	Left			Right										
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
3												7817											3-4
5												7554											6-7
8												7422											9-10
10												7445											12-13
14												7263											16-17
16												7134											18-19
19												7027											21-22
21												7070											23-24
24												6939											26-27
26												6910											28-29
28												6950											31
29												7125											33-34
32																							
33																							
34																							

Loops on Quick links		Loop Index MT
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Single Line Lengths

Glider Type: XG58 Trango X Race M (LTF/EN C)
Rev. No.: 3

Serial No.:
Date: 20.04.2021

Line no.	Quantity	Length [mm]	material	colour
a1	2	832	8000U-090	Red
a2	2	747	8000U-070	Red
a3	2	755	8000U-070	Red
a4	2	791	8000U-090	Red
a5	2	703	8000U-090	Red
a6	2	622	8000U-070	Red
a7	2	608	8000U-070	Red
a8	2	636	8000U-090	Red
a9	2	537	8000U-070	Red
a10	2	442	8000U-070	Red
a11	2	223	8000U-050	Red
a12	2	223	8000U-050	Red
a13	2	517	8000U-050	Red
a14	2	469	8000U-050	Red
a15	2	471	8000U-050	Red
b1	2	730	8000U-090	Red
b2	2	645	8000U-070	Red
b3	2	654	8000U-070	Red
b4	2	693	8000U-090	Red
b5	2	617	8000U-090	Red
b6	2	542	8000U-070	Red
b7	2	537	8000U-070	Red
b8	2	573	8000U-090	Red
b9	2	511	8000U-070	Red
b10	2	428	8000U-070	Red
b11	2	223	8000U-050	Red
b12	2	225	8000U-050	Red
b13	2	512	8000U-050	Red
c1	2	658	8000U-090	Red
c2	2	570	8000U-070	Red
c3	2	575	8000U-070	Red
c4	2	615	8000U-090	Red
c5	2	533	8000U-090	Red
c6	2	456	8000U-070	Red
c7	2	443	8000U-070	Red
c8	2	484	8000U-090	Red
c9	2	446	8000U-070	Red
c10	2	359	8000U-070	Red
c11	2	215	8000U-050	Red
c12	2	217	8000U-050	Red
c13	2	557	8000U-050	Red
c14	2	529	8000U-050	Red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1600	8000U-130	Red
A2	2	1550	8000U-130	Red
A3	2	1500	8000U-130	Red
A4	2	1450	8000U-130	Red
A5	2	850	8000U-130	Red
A6	2	1000	8000U-070	Red
B1	2	1600	8000U-130	Red
B2	2	1550	8000U-130	Red
B3	2	1500	8000U-130	Red
B4	2	1450	8000U-130	Red
B5	2	850	8000U-130	Red
B6	2	1000	8000U-070	Red
C1	2	1600	8000U-130	Red
C2	2	1550	8000U-130	Red
C3	2	1500	8000U-130	Red
C4	2	1450	8000U-130	Red
C5	2	800	8000U-130	Red
C6	2	880	8000U-070	Red
Amain	2	4800	DC 200	Red
Amain2	2	4800	DC 200	Red
Amain3	2	5300	8000U-130	Red
Bmain	2	4720	DC 200	Red
Bmain2	2	4720	DC 200	Red
Bmain3	2	5225	8000U-130	Red
Cmain	2	5000	8000U-230	Red
Cmain2	2	5000	8000U-230	Red
Cmain3	2	5500	8000U-130	Red
ST1	2	650	8000U-070	Red
ST2	2	650	8000U-070	Red
STI	2	5080	8000U-090	Natural

Brake no.	Quantity	Length [mm]	material	colour
br1	2	979	8000U-050	Red
br2	2	716	8000U-050	Red
br3	2	784	8000U-050	Red
br4	2	807	8000U-050	Red
br5	2	578	8000U-050	Red
br6	2	449	8000U-050	Red
br7	2	442	8000U-050	Red
br8	2	485	8000U-050	Red
br9	2	444	8000U-050	Red
br10	2	415	8000U-050	Red
br11	2	235	8000U-050	Red
br12	2	410	8000U-050	Red
BR1	2	1550	8000U-070	Red
BR2	2	1350	8000U-070	Red
BR3	2	1100	8000U-050	Red
BR4	2	1000	8000U-050	Red
BR5	2	660	8000U-050	Red
BR6	2	880	8000U-050	Red
BR1	2	3950	8000U-090	Red
BR1I	2	1850	8000U-070	Red
BR1II	2	2100	8000U-070	Red
BR1II	2	2400	8000U-090	Red
Brmain	2	1280	989/1,5	Pink

Line material:

Liros DC 200
Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 8000U-130
Edelrid 8000U-230
Cousin 989/1,5

total length	no. of lines
244224	190

Line Check Sheet for Paragliders

Piece Check

Glider Type: XG58 Trango X Race SM (LTF/EN C)	Serial No.:
Rev. No.: 3	Date: 20.04.2021

Line lengths [mm]

R. No.	Area															
	A				B				C							
	Left		Right		Left		Right		Left		Right					
Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm
3	6940					6768					6955					
5	6858					6686					6869					
8	6817					6645					6826					
10	6851					6682					6863					
14	6725					6557					6738					
16	6646					6482					6663					
19	6583					6428					6603					
21	6610					6464					6644					
24	6424					6322					6465					
26	6332					6242					6385					
28	6262					6188					6322					
29	6262					6190					6328					
32	5994					5989					6022					
33	5948															
34	5950										5994					

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

Remark: blue marked lines are attached to the B-riser that is 80 mm longer than A,I,II and C riser Brakes to be measured according to UP check procedure

R. No.	Area												rib no. brakes			
	D				Brake											
	Left		Right		Left		Right		Left		Right					
Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
3						7507										3-4
5						7252										6-7
8						7124										9-10
10						7145										12-13
14						6968										16-17
16						6844										18-19
19						6739										21-22
21						6781										23-24
24						6654										26-27
26						6626										28-29
28						6665										31
29						6834										33-34
32																
33																
34																

Loops on Quick link:		Loop Index	MT
Factory setting			
A1	--	0	
A2	--	0	
A3	--	0	
B1	--	0	
B2	--	0	
B3	--	0	
C1	Round turn	1	
C2	Round turn	1	
C3	Round turn	1	
STI	Round turn	1	

Single Line Lengths

Glider Type: XG58 Trango X Race SM (LTF/EN C)
Rev. No.: 3

Serial No.:
Date: 20.04.2021

Line no.	Quantity	Length [mm]	material	colour
a1	2	803	8000U-090	Red
a2	2	721	8000U-070	Red
a3	2	728	8000U-070	Red
a4	2	762	8000U-090	Red
a5	2	684	8000U-090	Red
a6	2	605	8000U-070	Red
a7	2	590	8000U-070	Red
a8	2	617	8000U-090	Red
a9	2	527	8000U-070	Red
a10	2	435	8000U-070	Red
a11	2	221	8000U-050	Red
a12	2	221	8000U-050	Red
a13	2	503	8000U-050	Red
a14	2	457	8000U-050	Red
a15	2	459	8000U-050	Red
b1	2	711	8000U-090	Red
b2	2	629	8000U-070	Red
b3	2	636	8000U-070	Red
b4	2	673	8000U-090	Red
b5	2	596	8000U-090	Red
b6	2	521	8000U-070	Red
b7	2	515	8000U-070	Red
b8	2	551	8000U-090	Red
b9	2	500	8000U-070	Red
b10	2	420	8000U-070	Red
b11	2	222	8000U-050	Red
b12	2	224	8000U-050	Red
b13	2	498	8000U-050	Red
c1	2	636	8000U-090	Red
c2	2	550	8000U-070	Red
c3	2	555	8000U-070	Red
c4	2	592	8000U-090	Red
c5	2	515	8000U-090	Red
c6	2	440	8000U-070	Red
c7	2	428	8000U-070	Red
c8	2	469	8000U-090	Red
c9	2	434	8000U-070	Red
c10	2	354	8000U-070	Red
c11	2	214	8000U-050	Red
c12	2	220	8000U-050	Red
c13	2	541	8000U-050	Red
c14	2	513	8000U-050	Red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1536	8000U-130	Red
A2	2	1488	8000U-130	Red
A3	2	1440	8000U-130	Red
A4	2	1392	8000U-130	Red
A5	2	816	8000U-130	Red
A6	2	960	8000U-070	Red
B1	2	1536	8000U-130	Red
B2	2	1488	8000U-130	Red
B3	2	1440	8000U-130	Red
B4	2	1392	8000U-130	Red
B5	2	816	8000U-130	Red
B6	2	960	8000U-070	Red
C1	2	1536	8000U-130	Red
C2	2	1488	8000U-130	Red
C3	2	1440	8000U-130	Red
C4	2	1392	8000U-130	Red
C5	2	768	8000U-130	Red
C6	2	845	8000U-070	Red
Amain	2	4608	DC 200	Red
Amain2	2	4608	DC 200	Red
Amain3	2	5088	8000U-130	Red
Bmain	2	4528	DC 200	Red
Bmain2	2	4528	DC 200	Red
Bmain3	2	5013	8000U-130	Red
Cmain	2	4800	8000U-230	Red
Cmain2	2	4800	8000U-230	Red
Cmain3	2	5280	8000U-130	Red
ST1	2	624	8000U-070	Red
ST2	2	624	8000U-070	Red
STI	2	4874	8000U-090	Yellow

Brake no.	Quantity	Length [mm]	material	colour
br1	2	939	8000U-050	Red
br2	2	684	8000U-050	Red
br3	2	748	8000U-050	Red
br4	2	769	8000U-050	Red
br5	2	547	8000U-050	Red
br6	2	423	8000U-050	Red
br7	2	414	8000U-050	Red
br8	2	456	8000U-050	Red
br9	2	415	8000U-050	Red
br10	2	387	8000U-050	Red
br11	2	215	8000U-050	Red
br12	2	384	8000U-050	Red
BR1	2	1488	8000U-070	Red
BR2	2	1296	8000U-070	Red
BR3	2	1056	8000U-050	Red
BR4	2	960	8000U-050	Red
BR5	2	634	8000U-050	Red
BR6	2	845	8000U-050	Red
BR1	2	3792	8000U-090	Grey
BR11	2	1776	8000U-070	Red
BR111	2	2016	8000U-070	Red
BR111	2	2304	8000U-090	Grey
Brmain	2	1230	989/1,5	Pink

Line material:

Liros DC 200
Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 8000U-130
Edelrid 8000U-230
Cousin 989/1,5

total length	no. of lines
234752	190

Line Check Sheet for Paragliders

Piece Check

Glider Type: XG58 Trango X Race S (LTF/EN D)	Serial No.:
Rev. No.: 3	Date: 20.04.2021

Line lengths [mm]

R. No.	Area A										Area B										Area C									
	Nom.	Left			Right			Nom.	Left			Right			Nom.	Left			Right											
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm			-20 mm	-10 mm	0 mm	+10 mm	+20 mm			-20 mm	-10 mm	0 mm	+10 mm	+20 mm			-20 mm	-10 mm	0 mm	+10 mm	+20 mm			
3	6708						6533							6719																
5	6627						6453							6635																
8	6586						6412							6591																
10	6619						6447							6627																
14	6496						6332							6513																
16	6419						6261							6440																
19	6357						6208							6379																
21	6384						6242							6418																
24	6203						6101							6238																
26	6114						6024							6158																
28	6047						5973							6096																
29	6047						5976							6102																
32	5782						5776							5807																
33	5737																													
34	5741													5782																

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

Remark: blue marked lines are attached to the B-riser that is 80 mm longer than A,I,II and C riser

Brakes to be measured according to UP check procedure

R. No.	Area D										Brake										rib no. brakes
	Nom.	Left			Right			Nom.	Left			Right									
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm			-20 mm	-10 mm	0 mm	+10 mm	+20 mm			-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
3							7197							3-4							
5							6950							6-7							
8							6824							9-10							
10							6844							12-13							
14							6671							16-17							
16							6550							18-19							
19							6448							21-22							
21							6488							23-24							
24							6364							26-27							
26							6337							28-29							
28							6374							31							
29							6539							33-34							
32																					
33																					
34																					

Loops on Quick links		Loop Index MTS
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Single Line Lengths

Glider Type: XG58 Trango X Race S (LTF/EN D)
Rev. No.: 3

Serial No.:
Date: 20.04.2021

Line no.	Quantity	Length [mm]	material	colour
a1	2	764	8000U-090	Red
a2	2	683	8000U-070	Red
a3	2	689	8000U-070	Red
a4	2	722	8000U-090	Red
a5	2	645	8000U-090	Red
a6	2	568	8000U-070	Red
a7	2	553	8000U-070	Red
a8	2	580	8000U-090	Red
a9	2	492	8000U-070	Red
a10	2	403	8000U-070	Red
a11	2	196	8000U-050	Red
a12	2	196	8000U-050	Red
a13	2	467	8000U-050	Red
a14	2	422	8000U-050	Red
a15	2	426	8000U-050	Red
b1	2	669	8000U-090	Red
b2	2	589	8000U-070	Red
b3	2	595	8000U-070	Red
b4	2	630	8000U-090	Red
b5	2	561	8000U-090	Red
b6	2	490	8000U-070	Red
b7	2	484	8000U-070	Red
b8	2	518	8000U-090	Red
b9	2	465	8000U-070	Red
b10	2	388	8000U-070	Red
b11	2	197	8000U-050	Red
b12	2	200	8000U-050	Red
b13	2	461	8000U-050	Red
c1	2	599	8000U-090	Red
c2	2	515	8000U-070	Red
c3	2	518	8000U-070	Red
c4	2	554	8000U-090	Red
c5	2	486	8000U-090	Red
c6	2	413	8000U-070	Red
c7	2	399	8000U-070	Red
c8	2	438	8000U-090	Red
c9	2	397	8000U-070	Red
c10	2	317	8000U-070	Red
c11	2	181	8000U-050	Red
c12	2	187	8000U-050	Red
c13	2	502	8000U-050	Red
c14	2	477	8000U-050	Red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1488	8000U-130	Red
A2	2	1441	8000U-130	Red
A3	2	1395	8000U-130	Red
A4	2	1348	8000U-130	Red
A5	2	790	8000U-130	Red
A6	2	930	8000U-070	Red
B1	2	1488	8000U-130	Red
B2	2	1441	8000U-130	Red
B3	2	1395	8000U-130	Red
B4	2	1348	8000U-130	Red
B5	2	790	8000U-130	Red
B6	2	930	8000U-070	Red
C1	2	1488	8000U-130	Red
C2	2	1441	8000U-130	Red
C3	2	1395	8000U-130	Red
C4	2	1348	8000U-130	Red
C5	2	744	8000U-130	Red
C6	2	818	8000U-070	Red
Amain	2	4463	DC 200	Red
Amain2	2	4463	DC 200	Red
Amain3	2	4928	8000U-130	Red
Bmain	2	4463	DC 200	Red
Bmain2	2	4463	DC 200	Red
Bmain3	2	4928	8000U-130	Red
Cmain	2	4649	8000U-230	Red
Cmain2	2	4649	8000U-230	Red
Cmain3	2	5114	8000U-130	Red
ST1	2	604	8000U-070	Red
ST2	2	604	8000U-070	Red
STI	2	4718	8000U-090	Natural

Brake no.	Quantity	Length [mm]	material	colour
br1	2	908	8000U-050	Red
br2	2	661	8000U-050	Red
br3	2	721	8000U-050	Red
br4	2	741	8000U-050	Red
br5	2	524	8000U-050	Red
br6	2	403	8000U-050	Red
br7	2	394	8000U-050	Red
br8	2	434	8000U-050	Red
br9	2	393	8000U-050	Red
br10	2	366	8000U-050	Red
br11	2	199	8000U-050	Red
br12	2	364	8000U-050	Red
BR1	2	1441	8000U-070	Red
BR2	2	1255	8000U-070	Red
BR3	2	1023	8000U-050	Red
BR4	2	930	8000U-050	Red
BR5	2	614	8000U-050	Red
BR6	2	818	8000U-050	Red
BR1	2	3673	8000U-090	Red
BR1I	2	1720	8000U-070	Red
BR1II	2	1953	8000U-070	Red
BR1II	2	2232	8000U-090	Red
Brmain	2	1192	989/1,5	Pink

Line material:

Liros DC 200
Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 8000U-130
Edelrid 8000U-230
Cousin 989/1,5

total length	no. of lines
226118	190