

Front Tire Selection, Header Compatibility Chart, Final Drive Selection, and Row Spacing - 9670 STS, 9770 STS, and 9870 STS Combines

This chart gives tire spacing of the front tires in inches and in millimeters for a given combine and tire combination. The shaded lines indicate the recommended wheel or axle spacer and rim dish for a needed row spacing.

Front Tire Size	Front Tire / Header Compatibility Chart <small>(Flex and Rigid Platforms smaller than 622 are compatible with all tire sizes. Use 600 Series Platforms for 900 Series compatibility)</small>													Tire Spacing																
	Comthead											BPU	Rigid Platform	Flex Platform			Draper Platform			Desired Row Spacing	Spacer	Spacer (mm)	Wheel Offset	Centerline to Centerline (inches)	Outside to Outside ² (inches)	Inside to Inside ² (inches)	Centerline to Centerline (mm)	Outside to Outside ² (mm)	Inside to Inside ² (mm)	Ladder Required (mm)
	683	694	883	894	1293	608C	608C-SM	608C	608C-SM	612C	612C-SM	615	622R	625R	639R	622F	625F	630F	635F											
30.5L-32 14 Ply R1 ^{4,5} R2 ^{4,5}														Shipping	None	0	In	112.2	145.2	79.3	2850	3687	2013	940						
															None	0	Out	124.5	157.4	91.5	3162	3999	2325	940						
														30"	4" Wheel	100	In	120.1	153.0	87.1	3050	3887	2213	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	153.4	87.5	3060	3897	2223	940						
															4" Axle	105	Out	132.8	165.7	99.8	3372	4209	2535	940						
															6.5" Axle	165	In	125.2	158.1	92.2	3180	4017	2343	940						
															6.5" Axle	165	Out	137.5	170.4	104.5	3492	4329	2655	1390						
															12" Axle	300	In	135.8	168.8	102.9	3450	4287	2613	1390						
															12" Axle	300	Out	148.1	181.1	115.2	3762	4599	2925	1390						
														36"	16" Axle	400	In	143.7	176.7	110.7	3650	4487	2813	1390						
														38"	16" Axle	400	Out	156.0	188.9	123.0	3962	4799	3125	1390						
															18" Axle	454	In	148.0	180.9	115.0	3758	4595	2921	1390						
														40"	18" Axle	454	Out	160.2	193.2	127.3	4070	4907	3233	1390						
800/65R32 (172A8) R1W														Shipping	None	0	In	112.2	146.1	78.3	2850	3712	1988	940						
															None	0	Out	124.5	158.4	90.6	3162	4024	2300	940						
														30"	4" Wheel	100	In	120.1	154.0	86.1	3050	3912	2188	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	154.4	86.5	3060	3922	2198	940						
															4" Axle	105	Out	132.8	166.7	98.8	3372	4234	2510	940						
															6.5" Axle	165	In	125.2	159.1	91.3	3180	4042	2318	940						
															6.5" Axle	165	Out	137.5	171.4	103.5	3492	4354	2630	1390						
															12" Axle	300	In	135.8	169.8	101.9	3450	4312	2588	1390						
															12" Axle	300	Out	148.1	182.0	114.2	3762	4624	2900	1390						
														36"	16" Axle	400	In	143.7	177.6	109.8	3650	4512	2788	1390						
														38"	16" Axle	400	Out	156.0	189.9	122.0	3962	4824	3100	1390						
															18" Axle	454	In	148.0	181.9	114.0	3758	4620	2896	1390						
														40"	18" Axle	454	Out	160.2	194.2	126.3	4070	4932	3208	1390						
30.5LR-32 R1 ^{4,5}														Shipping	None	0	In	112.2	145.2	79.3	2850	3687	2013	940						
															None	0	Out	124.5	157.4	91.5	3162	3999	2325	940						
														30"	4" Wheel	100	In	120.1	153.0	87.1	3050	3887	2213	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	153.4	87.5	3060	3897	2223	940						
															4" Axle	105	Out	132.8	165.7	99.8	3372	4209	2535	940						
															6.5" Axle	165	In	125.2	158.1	92.2	3180	4017	2343	940						
															6.5" Axle	165	Out	137.5	170.4	104.5	3492	4329	2655	1390						
															12" Axle	300	In	135.8	168.8	102.9	3450	4287	2613	1390						
															12" Axle	300	Out	148.1	181.1	115.2	3762	4599	2925	1390						
														36"	16" Axle	400	In	143.7	176.7	110.7	3650	4487	2813	1390						
														38"	16" Axle	400	Out	156.0	188.9	123.0	3962	4799	3125	1390						
															18" Axle	454	In	148.0	180.9	115.0	3758	4595	2921	1390						
														40"	18" Axle	454	Out	160.2	193.2	127.3	4070	4907	3233	1390						
800/70R38 (173A8) R1W														Shipping	None	0	In	112.2	146.1	78.3	2850	3712	1988	940						
															None	0	Out	124.5	158.4	90.6	3162	4024	2300	940						
														30"	4" Wheel	100	In	120.1	154.0	86.1	3050	3912	2188	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	154.4	86.5	3060	3922	2198	940						
															4" Axle	105	Out	132.8	166.7	98.8	3372	4234	2510	940						
															6.5" Axle	165	In	125.2	159.1	91.3	3180	4042	2318	940						
															6.5" Axle	165	Out	137.5	171.4	103.5	3492	4354	2630	1390						
															12" Axle	300	In	135.8	169.8	101.9	3450	4312	2588	1390						
															12" Axle	300	Out	148.1	182.0	114.2	3762	4624	2900	1390						
														36"	16" Axle	400	In	143.7	177.6	109.8	3650	4512	2788	1390						
														38"	16" Axle	400	Out	156.0	189.9	122.0	3962	4824	3100	1390						
															18" Axle	454	In	148.0	181.9	114.0	3758	4620	2896	1390						
														40"	18" Axle	454	Out	160.2	194.2	126.3	4070	4932	3208	1390						
900/60R32 (176A8) R1														Shipping	None	0	In	124.5	162.4	86.6	3162	4125	2199	940						
															None	0	Out	124.5	162.4	86.6	3162	4125	2199	940						
														30"	4" Wheel	100	In	120.1	158.0	82.2	3050	4013	2087	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	158.4	82.6	3060	4023	2097	940						
															4" Axle	105	Out	132.8	170.7	94.8	3372	4335	2409	1390						
															6.5" Axle	165	In	125.2	163.1	87.3	3180	4143	2217	940						
															6.5" Axle	165	Out	137.5	175.4	99.6	3492	4455	2529	1390						
															12" Axle	300	In	135.8	173.7	97.9	3450	4413	2487	1390						
															12" Axle	300	Out	148.1	186.0	110.2	3762	4725	2799	1390						
														36"	16" Axle	400	In	143.7	181.6	105.8	3650	4613	2687	1390						
														38"	16" Axle	400	Out	156.0	193.9	118.1	3962	4925	2999	1390						
															18" Axle	454	In	148.0	185.9	110.0	3758	4721	2795	1390						
														40"	18" Axle	454	Out	160.2	198.1	122.3	4070	5033	3107	1390						
900/65R32 (172A8) R2														Shipping	None	0	In	124.5	162.4	86.6	3162	4125	2199	940						
															None	0	Out	124.5	162.4	86.6	3162	4125	2199	940						
														30"	4" Wheel	100	In	120.1	158.0	82.2	3050	4013	2087	940						
															4" Wheel	100	Out	<i>Not recommended due to final drive loading. Recommend 4" Axle Spacer</i>												
														30"	4" Axle	105	In	120.5	158.4	82.6	3060	4023	2097	940						
															4" Axle	105	Out	132.8	170.7	94.8	3372	4335	2409	1390						
															6.5" Axle	165	In	125.2	163.1	87.3	3180	4143	2217	940						
															6.5" Axle	165	Out	137.5	175.4	99.6	3492	4455	2529	1390						
															12" Axle	300	In	135.8	173.7	97.9	3450	4413	2487	1390						
															12" Axle	300	Out	148.1	186.0	110.2	3762	4725	2799	1390						
														36"	16" Axle	400	In	143.7	181.6	105.8	3650	4613	2687	1390						
														38"	16" Axle	400	Out	156.0	193.9	118.1	3962	4925	2999	1390						
															18" Axle	454	In	148.0	185.9	110.0	3758	4721	2795	1390						
														40"	18" Axle	454	Out	160.2	198.1	122.3	4070	5033	3107	1390						

