



Pairing Hoist & Chassis Chart

Hoist Model	Optimum Cab to Axle	Possible CA Ranges	Optimum Cab to Trunion	Possible CT Ranges	Recommended GVWR	Possible GVWR Ranges	Required Clear Frame Rail	Chassis Frame Height	Optimum Body Lengths	Possible Body Lengths
SL-105	96"	84" to 96"	N/A	N/A	19,000 lb.	13,000 lb. to 19,000 lb.	130"	Up to 40"	10' to 12'	10' to 13'
SL-145	120"	102" to 120"	N/A	N/A	26,000 lb.	18,000 lb. to 26,000 lb.	152"	Up to 40"	12' to 14'	12' to 15'
SL-180	138"	120" to 138"	N/A	N/A	31,000 lb.	22,000 lb. to 35,000 lb.	172"	Up to 40"	14' to 16'	14' to 18'
SL-185	120"	108" to 120"	N/A	N/A	31,000 lb.	22,000 lb. to 35,000 lb.	156"	Up to 40"	12' to 14'	12' to 16'
SL-220	174"	156" to 174"	162"	150" to 162"	33,000 lb.	25,000 lb. to 35,000 lb.	216"	Up to 43"	18' to 20'	18' to 22'
SL-222	160"	142" to 160"	142"	130" to 142"	33,000 lb.	25,000 lb. to 35,000 lb.	202"	Up to 43"	16' to 18'	16' to 20'
SL-240	144"	130" to 144"	132"	120" to 132"	33,000 lb.	25,000 lb. to 35,000 lb.	184"	Up to 43"	14' to 16'	14' to 18'
SL-2418	96"	84" to 96"	N/A	N/A	33,000 lb.	25,000 lb. to 35,000 lb.	134"	Up to 43"	10' to 12'	10' to 13'
SL-330	156"	142" to 156"	138"	130" to 138"	50,000 lb.	33,000 lb. & Greater	191"	Up to 45"	14' to 16'	14' to 18'
SL-400	N/A	N/A	138"	130" to 138"	54,000 lb.	45,000 lb. & Greater	191"	Up to 45"	14' to 16'	14' to 18'
SL-406	N/A	N/A	180"	174" to 180"	54,000 lb.	45,000 lb. & Greater	232"	Up to 45"	18' to 20'	18' to 22'
SL-505	N/A	N/A	190"	176" to 190"	64,000 lb.	50,000 lb. & Greater	241"	Up to 45"	19' to 22'	19' to 24'
SL-545	N/A	N/A	174"	165" to 174"	64,000 lb.	50,000 lb. & Greater	225"	Up to 45"	17' to 20'	17' to 22'
SL-650	N/A	N/A	190"	172" to 190"	80,000 lb.	55,000 lb. & Greater	249"	Up to 45"	20' to 22'	20' to 24'

NOTES:

- Go with optimum CA/CT whenever possible, for best weight distribution.
- Go with recommended GVWR whenever possible, for best match with hoist's capacity rating.
- Chassis Classes
 - Class 6 = 19,001 lb. to 26,000 lb. GVWR
 - Class 7 = 26,001 lb. to 33,000 lb. GVWR
 - Class 8 = 33,001 lb. GVWR & up
- If adding a tarp, cab guard or anything between the cab and hoist, remember to increase both the CA/CT and Clear Frame measurements accordingly. Consult manufacturer of third-party equipment for exact space requirements.
- Body lengths that exceed the optimum may require additional SwapLoader options (bumper with extensions, folding bumper or drop-down bumper) to comply with I.C.C. Bumper Regulations.

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