

# PAIRING THE HOIST, CHASSIS AND BODY 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-412	N/A	N/A	114"	102" to 114"	54,000 lb	45,000 lb & Greater	169"	Up to 45"	12' to 14'	12' to 15'
SL-518	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-520	N/A	N/A	190"	176" to 190"	64,000 lb	50,000 lb & Greater	245"	Up to 45"	20' to 22'	19' to 24'
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.