



Description	Models													
	T31-165-S		T31-177-S		T31-185-S		T31-193-S		T31-201-S		T31-209-S		T31-217-S	
Lifting Capacity (lbs)	31,000		31,000		31,000		31,000		31,000		31,000		31,000	
Container Lengths (ft)	11 to 16		12 to 17		12.5 to 18		13 to 18.5		13.5 to 19		13.5 to 20		14 to 20.5	
Opt Container Length (ft)	15		16		17		18		18		19		19.5	
System Weight (lbs)	3,802		3,858		4,079		4,134		4,189		4,519		4,575	
L - System Length (in)	165.4		177.2		185.0		192.9		198.8		208.7		216.5	
Lb - Overall Length (in)	180.5		192.3		200.2		208.0		214.0		225.9		233.7	
C - Frame Ext from Mast (in)	7.9		7.9		7.9		7.9		7.9		7.9		7.9	
K - Dump Angle (degrees)	51		49		54		50		48		55		52	
X - Mast Travel (in)	31.5		35.4		39.4		39.4		39.4		47.2		47.2	
H - Hook Heights (in)	54	62	54	62	54	62	54	62	54	62	54	62	54	62
Ds - Lowest Hook Height (in)	42	42	44	45	43	43	43	43	43	43	39	39	39	39

Truck

CH - Chassis Height (in)	41	41	41	41	41	41	41	41
Cab to Axle Range¹ (in)	147 to 155	159 to 167	167 to 175	175 to 182	181 to 188	192 to 200	200 to 208	
Cab to Trunnion Range¹ (in)	120 to 128	132 to 140	140 to 148	148 to 155	154 to 161	165 to 173	173 to 181	
Rec Min. Truck GVWR (lbs)	33,000	33,000	33,000	33,000	33,000	33,000	33,000	
Free Frame Requirement (in)	184	196	204	212	218	233	241	

Hydraulic System

Flow (gpm)	16	16	21	21	21	21	21	21
Pressure (psi)	5,076	5,076	5,076	5,076	5,076	5,076	5,076	5,076
Supplied Pump Mount	DIN 5462	DIN 5462	DIN 5462	DIN 5462	DIN 5462	DIN 5462	DIN 5462	DIN 5462
	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole	ISO 4-Hole

¹ This distance does not account for anything installed between the system and the cab.

Chassis frame height will impact lift capacity, dump angle, and lowest hook height. Consult engineering for higher chassis heights