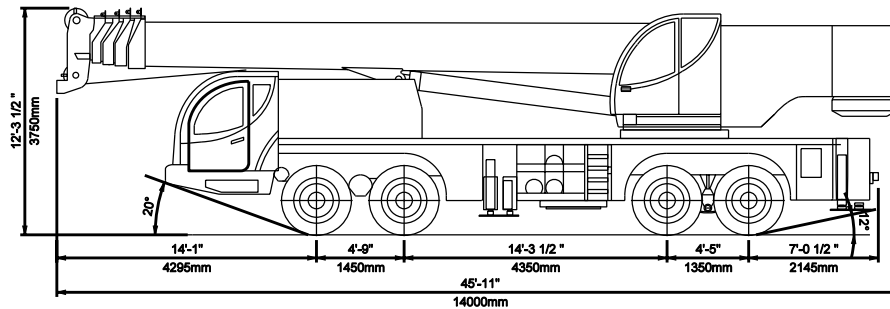




ZOOMLION

75 TON HYDRAULIC TRUCK CRANE SPECIFICATIONS



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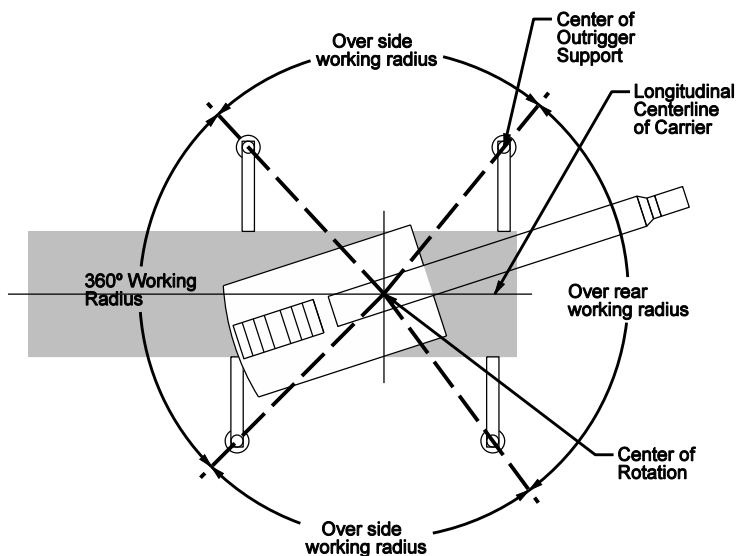
All Hydraulic Truck Crane

Technical Specifications

Lifting Specifications	Max. rated lifting capacity	lb	154320
	Basic boom max. lifting height	ft	40
	Boom max. lifting height	ft	145
	Jib max. lifting height	ft	197'-6"
Working Speeds	Single line max. speed (main winch)	ft/min.	394
	Single line max. speed (auxiliary winch)	ft/min.	223
	Lifting boom extending time	s	107
	Lifting boom elevating time	s	57
	Slewing speed	r/min.	1.6
	Max. travelling speed	mph	46.6
Travel Specifications	Max. gradeability	%	30
	Min. turning radius	ft	39
	Min. clearance	ft	0.85
	Self-weight in travelling condition (gross)	lb	99206
Weights	Rear axle load	lb	41887
	Tandem & rear axle load	lb	57319
	Overall dimensions (L X W X H)	ft-in.	45'-11" x 9'-0" x 12'-4"
Dimensions	Outrigger longitudinal span	ft-in.	19'-8"
	Outrigger transverse span	ft-in.	24'-11"
	Boom length	ft-in.	38'-0" ~ 144'-4"
	Boom angle	°	-2 ~ 80
	Jib length	ft-in.	31'-2" ~ 52'-6"
	Jib offset	°	0, 30
Engine Specifications	Engine type		Cummins
	Engine model		ISL345
	Rated power	hp/rpm	300/2200
	Rated output torque power	lb.ft/rpm	1077/1300 ~ 1600

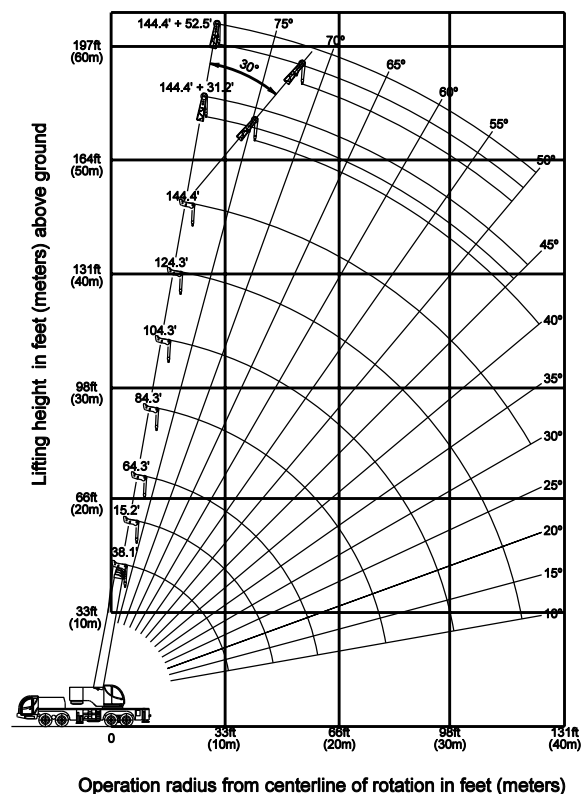
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75 TON HYDRAULIC TRUCK CRANE SPECIFICATIONS



Bold lines determine the limiting position of any load for operation within working areas indicated

WORKING AREA DIAGRAM



Rated Lifting Capacity Table					Unit: Pounds							
Working Radius Radius (ft)	Boom							boom angle (°)	Boom + Jib			
	Outrigger fully extended, side & rear working area								144' + 31'-0"		144' + 52'-6"	
	38'-0"	51'-0"	64'-0"	84'-0"	104'-0"	124'-0"	144'-0"		jib offset		jib offset	
10	154320	110230	88180						0 °	30 °	0 °	30 °
13	123460	103620	88180	61730				78	10360	6280	5950	2650
16	105820	92590	83770	59520	39680			74	9040	5400	4630	2430
20	85980	81570	74960	55120	39680	30860		70	7720	4850	3750	2210
23	66140	63270	63270	50710	39680	30860	22050	66	6170	4410	3310	2070
29	40790	40120	40120	40790	35270	30860	22050	60	4080	3640	2650	1870
36		26900	26900	28000	28660	26460	20940	56	2870	2540	2210	1650
46			15650	18080	19400	20500	17640	52	1760			
59				10360	11460	12130	13010					
72					6830	7280	8380					
85					3750	2620	5070					
98						1980	1400					

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