

Truck mounted hydraulic crane/12x6 Carrier



- Maximum on-board boom and jib length 172 ft. (52.4m)
- Optional 33 ft.-58 ft. (10m-17.7m)



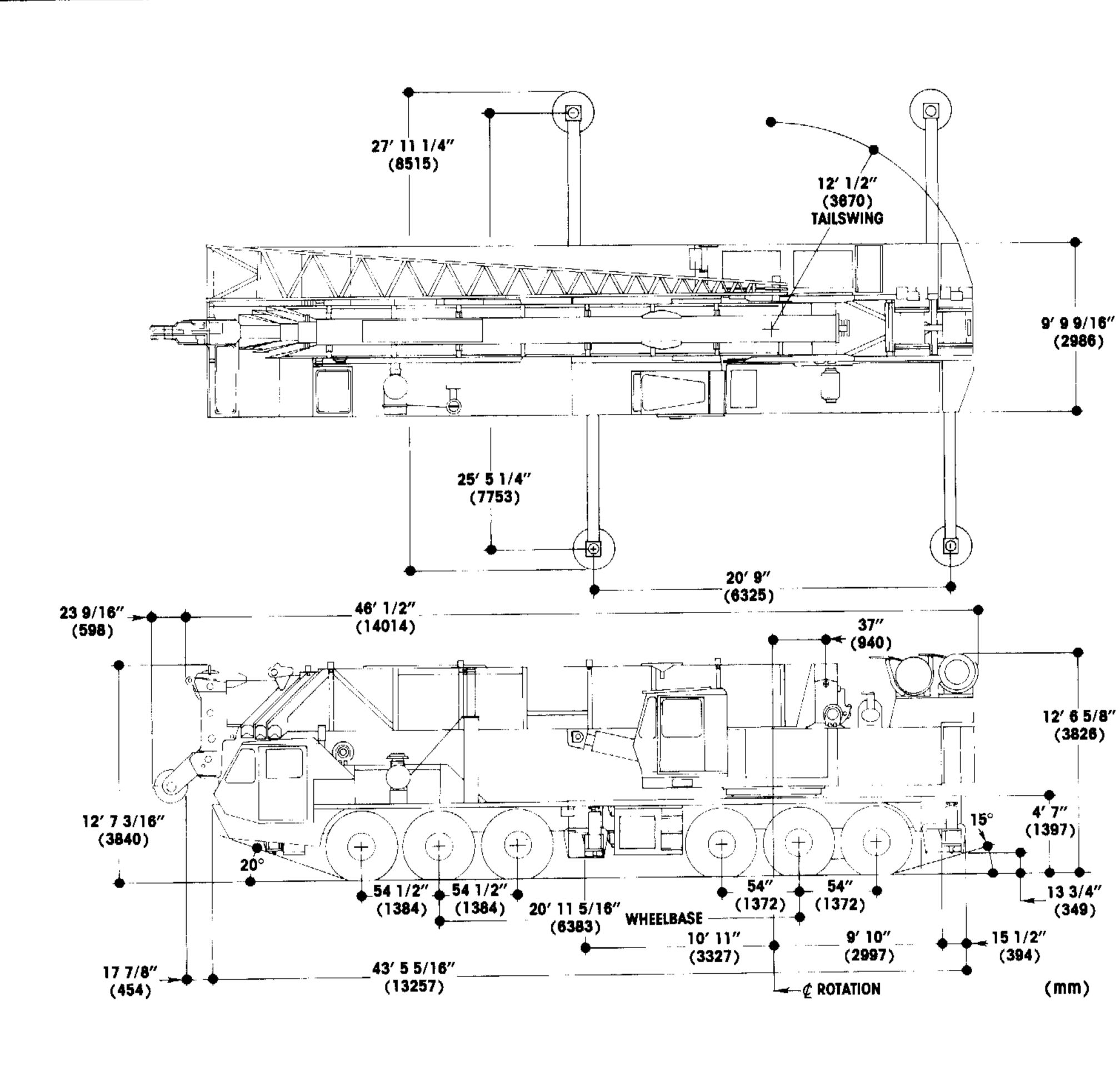
Superstructure specifications

Boom	36 ft. to 114 ft. (11.0m - 34.7m) four section Trapezoidal† power pin or optional full power boom. Each full power boom section has indi- vidually controlled telescope sections supported	Engine	2800	Detroit 8.2L eight cylinder turbo-charged water cooled diesel, 200 bhp (149 kw) (Gross) @ 2800 RPM. Maximum net torque: 408 ft. lbs. (56.4 kg/m) @ 1700 RPM. Cummins V-555 eight cylinder water cooled diesel. 215 bhp (160 kw) (Gross) @ 3000 RPM. Maximum net torque: 412 ft. lbs.			
Swingaway	on graphite impregnated nylatron wear pads. Maximum tip height: 124 ft. (37.8m). 33 ft. (10.1m) lattice swingaway boom	Optional Engine	diese				
Extension	extension stows alongside base boom section when not in use, offsettable at 2°, 15° or 30°.			kg/m) @ 1800 RPM.	1 Z II. 103.		
	Maximum tip height: 157 ft. (47.9m).	HYDRAULIC : Pumps	•	Five main gear pumps powered by superstruc- ture engine. Manual pump disconnect. Com- bined capacity 289 GPM (1094 LPM).			
Optional Telescopic	33 ft. to 48 ft. to 58 ft. (10.1m-14.6m-17.7m) telescopic lattice swingaway extension with						
Swingaway	offset links offsettable at 2°, 15° or 30°. Stows alongside base boom when not in use. Maximum tip height: 178 ft. (54.3m).	Valves	five i	Precision four way double acting control valves, five individual valve banks permit simultaneous control of multiple crane functions.			
Optional Jib Extension	14 ft. (4.3m) lattice sections combine with a 32 ft. (9.8m) tip section to make jib lengths of 46 ft. (14.0m), 60 ft. (18.3m), 74 ft. (22.6m) or 88 ft. (26.8m).	Filter	Filter Full flow return line type with by-pass protect and filter by-pass indicater, replaceable cartridge, 7/17/22 filtration Beta rating.				
	Maximum tip height: 206 ft. (62.8m).	Reservoir		305 gallons (1155 I) with spin-on breather fil- ter, external sight gauge, clean out access.			
Boom Nose	Seven sheaves mounted on heavy duty tapered roller bearings with removable pin-type rope guards. *Optional removable auxiliary boom	Oil Cooler	Full flow, fin and tube, oil to air.				
	nose with removable pin type rope guard.	HOIST SPECIFICATIONS					
Boom Elevation	Two double acting hydraulic cylinders with integral holding valve provides elevation from -4° to 80°.		Series parallel circuitry and two motors provide both high line pull and speed ranges. Power up and down, equal speed, planetary reduction				
LMI and Anti-Two	Audio visual (light/buzzer) warning system and control lever lockout with electronic display			integral automatic brake drum rotation indicator.	tomatic brake and electronic tion indicator.		
Block	of: boom angle, length, radius, boom tip height, relative load moment, rated load and actual load indication.	<u> </u>		Main Hoist HO30B-26 High Range	Low Range		
Cab	Full vision, all steel fabricated with accoustical	Maximum single line speed	Bottom layer	437 FPM (133m/min)	219 FPM (67m/min)		
	lining and tinted safety glass throughout. Dash panel incorporates gauges for all engine func-		Intermediate	508 FPM	254 FPM		
	tions. Other standard features include: hinged		layer Top layer	(155m/min) 579 FPM	(77m/min) 290 FPM		
	skylight, sliding left side door and sliding right		Top layer	(176m/min)	(88m/min)		
	side window, electric winshield wash-wipe, cir- culating air fan, heater, swing horn, fire extin-	Maximum	Bottom layer	8,161 lbs.	16,322 lbs.		
	guisher, seat belt. *Optional items: electric sky-	single line	ŕ	(3702 kg)	(7404 kg)		
	light wiper and air conditioning (Spec. Order).	pull	Intermediate	7,028 lbs.	14,056 lbs.		
Swing	Ball bearing swing circle with 360° continuous		layer Top layer	(3188 kg) 6,172 lbs.	(6376 kg) 12,344 lbs.		
	rotation. Grove planetary "glide swing" with foot actuated disc brake, spring applied		. ,	(2800 kg)	(5599 kg)		
	hydraulically released park brake and 360°	Maximum		14,720 lbs.	المداحيين		
	position positive turntable lock. Combination	permissible		(6677 kg)			
	controls provided for hand or foot operation. Swing speed 1.8 RPM.	tine pull w/5:1 F.O.S.		w/Casar rope	<u>.</u>		
Counterweight	Hydraulically extendable counterweight. Power installation and removal system. Weight varies	Maximum rope					
	depending on hoist configuration.	stowage	Note: 702 ft. (standard unit.	214m) of wire rope supp	olied with		

12x6 Carrier

	·Au	ixiliary Hoist H030B-26 High Range	S(H) Low Range	Fuel Tank Capacity	(1) 100	gallon (379 l)	
Maximum single line speed	Bottom layer	393 FPM (120m/min) 456 FPM (139m/min) 520 FPM (158m/min)	197 FPM (60m/min) 228 FPM (69m/min) 260 FPM (79m/min)	Electrical System	Four 12 volt - maintenance free batteries, 24 volt starting.		
	Intermediate Iayer			Drive	12 x 6.		
	Top layer			Steering	Front axle steering, cam and lever type with hydraulic assist.		
Maximum single line pull	Bottom layer	7,345 lbs. (3332 kg)	14,690 lbs. (6663 kg)	Transmission	Fuller Roadranger (RT0011613), 13 speeds forward, 2 reverse.		
	Intermediate 6,325 lbs. layer (2869 kg) Top layer 5,555 lbs. (2520 kg) 12,920 lbs.		12,650 lbs. (5738 kg) 11,110 lbs. (5039 kg)	Axies	Front: Rear:	 (3) Rockwell tubular steering FL951 100 in. (2540mm) track. (3) Rockwell EPRC 1356 planetary drive, 85 in. (2159mm) track with dash mounted inter-axle differential 	
permissible line pull w/5:1 F.O.S.		(5861 kg) w/Dyform 18 rope		Suspension	control. Front axles (3) spring mounted. Rear axles (3) solid mounted with equalizing beam and solid		
Maximum rope stowage		Same as Main Hoist		Tires	steel sad 14.00Rx		
Carrier Frame	'specifications (12x6) High strength alloy steel all welded box-type construction with integral outrigger housings		Brakes	Full air on all wheels. Air dryer provided to pre- clude moisture accumulation. Spring set emer- gency brake on both rear axles with emergency release.			
Outrigger System	Hydraulic double stage, double box telescopic beam and jack outriggers with integral holding valves. All steel fabricated quick release type outrigger floats 30 1/2" (775mm) diameter. Standard fifth front stabilizer for 360° duties. Located in superstructure cab and on both sides of the carrier frame. Push button controls requiring two-handed operation for safety. Crane level indicator (sight bubble) adjacent to each set of controls.			Lights	Full lighting including head, tail, braking, reversing, fog, directional and hazard warning lights.		
				Cab	All steel fabricated with acoustical lining and tinted safety glass throughout. Deluxe fabric covered fully adjustable seat. Complete driving		
Outrigger Controls					controls and engine instrumentation including tachometer, speedometer, voltmeter, water temp, oil pressure, fuel level, air pressure gaug with A/V warning. Other standard items include hot water heater/defroster, electric windshield		
Engine	GM8V-71TA eight cylinder, turbo-charged water cooled diesel with Jacobs engine brake. 568 cu. in. (9.3 l) 370 bhp (276 kw) (Gross) @ 2100 RPM. Maximum net torque 983 ft. lbs. (136 kg/m) @ 1200 RPM. Cummins NTC350 six cylinder turbo-charged and after-cooled diesel with Jacobs engine brake. 855 cu. in. (14.0 l) 350 bhp (261 kw) (Gross) @ 2100 RPM. Maximum net torque 1120 ft. lbs. (155 kg/m) @ 1300 RPM. Caterpillar 3406TA with brake saver. Turbo-charged water cooled diesel with brake saver. 325 bhp (242 kw) @ (Gross) @ 2100 RPM. Maximum net torque: 1015 ft. lbs. (140 kg/m)				ipe, fire extinguisher, seat belt and doo dow locks.		
			Maximum Speed	45 mph	(72.4 km/hr).		
Optional			Gross Vehicle Weight & Axle	BASIC ST Front Tric Rear Trid			
Engine 			Loads	G.V.W.: 134,870 lbs. (61,177 kg			
			electronic back-up alarm, li meter and ether injection sta		r view mirrors, hookblock tiedown sling c back-up alarm, light package, hour d ether injection starting aid (less		
Optional			Optional	canister). Immersion engine block heater, engine low oil pressure/high water temperature, audio visuo warning and tire inflation kit.			

Dimensions



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†Patented Grove feature or patent pending†Denotes optional equipment.

Constant improvement and engineering progress makes it necessary that we reserve the right to make specification, equipment, and price changes without notice. Illustration shown may include optional equipment and accessories and may not include a standard equipment.

GROVE MANUFACTURING COMPANY

Box 21 - Shady Grove - Pennsylvania 17256 (717) 597-8121 - telex: 842308

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