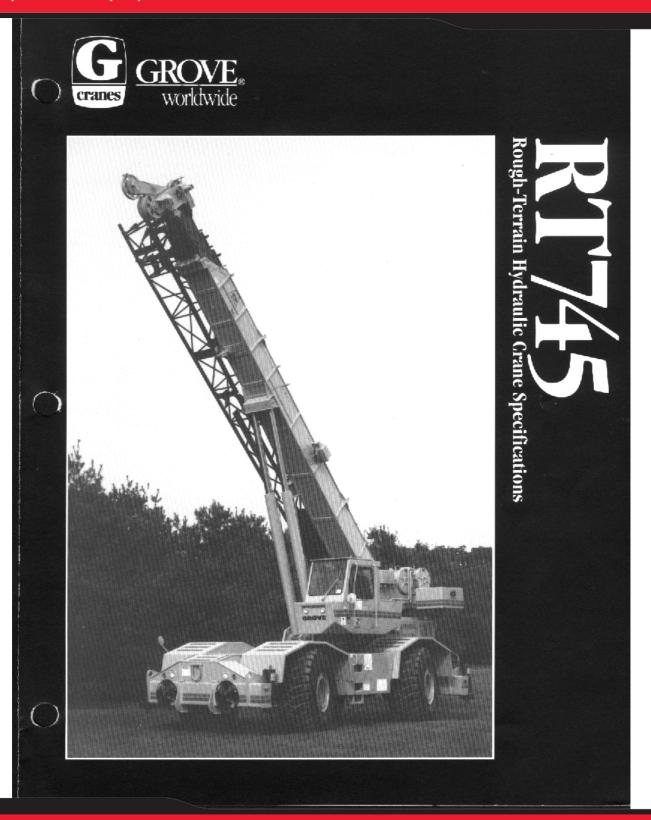


(800) 572-8100 or (248) 313-5800

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## Supersor weiner specifications

Boom	34 ft. to 104 ft. (10.4m - 31.7m) four section trape-				
	zoidal boom consisting of a base section, two full				
	power sections and one power pinned section.				
	Telescopic sections slide on adjustable and replace-				
	able Nylatron wear pads.				
	Maximum Tip Height: 112 ft. (34.1m).				
Optional	33 ft. to 80 ft. (10.1m-24.4m) three section trape-				
Boom	zoidal full power boom consisting of a base section				
	and two full power sections. Telescopic sections slide				
	on adjustable and replaceable Nylatron wear pads.				
	Maximum Tip Height: 88 ft. (26.8m)				
Swingaway	32 ft. (9.8m) lattice swingaway boom extension with				
Extension	integral offset mechanism, offsetable at 0°, 15° or				
(4 section boom)	30°. Stows alongside base boom section when not in				
(1 section boom)	use.				
	Maximum Tip Height: 142 ft. (43.3m).				
Swingaway	32 ft. (9.8m) lattice swingaway boom extension stows				
Extension	alongside base boom section.				
(3 section boom)	Maximum Tip Height: 120 ft. (36.6m).				
Optional Optional	32 ft. to 44 ft. or 56 ft. (9.8m to 13.4m or 17.1m)				
Telescopic	telescopic lattice swingaway extension with integral				
Swingaway	offset mechanism, offsettable at 0°, 15° or 30°. Stows				
Extension					
(4 section boom)	alongside of base boom section.				
Boom Nose	Maximum Tip Height: 165 ft. (50.3m),				
DOOM NOSE	Four steel sheaves mounted on heavy duty tapered				
	roller bearings with removable pin-type rope guards.				
Boom Elevation	*Optional auxiliary boom nose.				
Boom Elevation	Dual, double acting hydraulic cylinders with integral				
T 1 Nr	holding valves provides elevation from -4° to 76°.				
Load Moment	Standard load moment and anti-two block system with				
& Anti-Two	audio-visual warning and control lever lockout. These				
Block System	systems provide electronic display of boom angle,				
	length, radius, tip height, relative load moment,				
	maximum permissible load, load indication and				
	warning of impending two-block conditions.				
Cab	Full vision, all steel fabricated with acoustical lining				
	and tinted safety glass throughout. Complete driving				
	controls and engine instrumentation. Dash mounted				
	control levers for all craning functions. Other standard				
	features include: hinged skylight, sliding left side door				
	and sliding right side window, electric windshield				
	washer-wiper, propane heater, circulating air fan, fire				
	extinguisher, seat belt.				
Swing	Ball bearing swing circle with 360° continuous rota-				
	tion. Grove planetary glide-swing with foot applied				
	multi-disc brake. Spring applied hydraulically				
	released parking brake and plunger type one-position				
	mechanical house lock operated from cab.				
	Maximum speed: 2.6 RPM.				
Counterweight	Integral with turntable mast.				
	11,000 lbs. (4989 kg) with main hoist only.				
	9,250 lbs. (4195 kg) with main and auxiliary hoists.				
	7				

HYDRAULIC SYSTEM			
Pumps	4 main gear pumps, combined capacity 146 GPM		
•	(553 LPM) driven by carrier engine through P.T.O.		
	Standard pump disconnect.		
Valves	Precision four way double acting control valves, 4		
	individual valve banks permit simultaneous control of		
	multiple crane functions.		
Filter	Return line type, full flow with bypass protection and		
	service indicator. Replaceable cartridge, with micron		
	filtration rating of 15/30/38.		
Reservoir	154 gallons (583 L) with spin-on breather filter,		
	external sight gauge, clean out access, strap		
	mounted to frame.		
Oil Cooler	Remote mounted with Cummins and radiator mounted		
	with Caterpillar.		
Pressure	System pressure test panel permits easy verification		
Check Panel	of circuit pressures.		
HOIST SPECIFICATION	NS		
	Power up and down equal speed, planetary reduction		
	with automatic spring applied multi-disc brake.		
	Electronic hoist drum rotation indicator and hoist		

drum cable follower.

## Main and \*Auxiliary Hoist Grove HO30B-16

	High Dance		
	High Range	Low Range	
Bottom layer	386 FPM	193 FPM	
	(118m/min)	(59m/min)	
Intermediate	448 FPM	224 FPM	
layer	(137m/min)	(68m/min)	
Top layer	510 FPM	255 FPM	
	(155m/min)	(78m/min)	
Bottom layer	8,161 lbs.	16,322 lbs.	
	(3702 kg)	(7402 kg)	
Intermediate	7,028 lbs.	14,056 lbs.	
layer	(3187 kg)	(6375 kg)	
Top layer	6,172 lbs.	12,344 lbs.	
	(2799kg)	(5598 kg)	
	12,920 lbs.		
	(5860 kg)		
factor 3/4:	in. (19 <mark>mm) 18x19</mark> cla	SS	
508 ft. (155m)			
3/4 in (19mm)			
		rope supplied	
	Intermediate layer Top layer  Bottom layer Intermediate layer Top layer  A factor 3/4  Note: 500	(118m/min)   448 FPM   149	

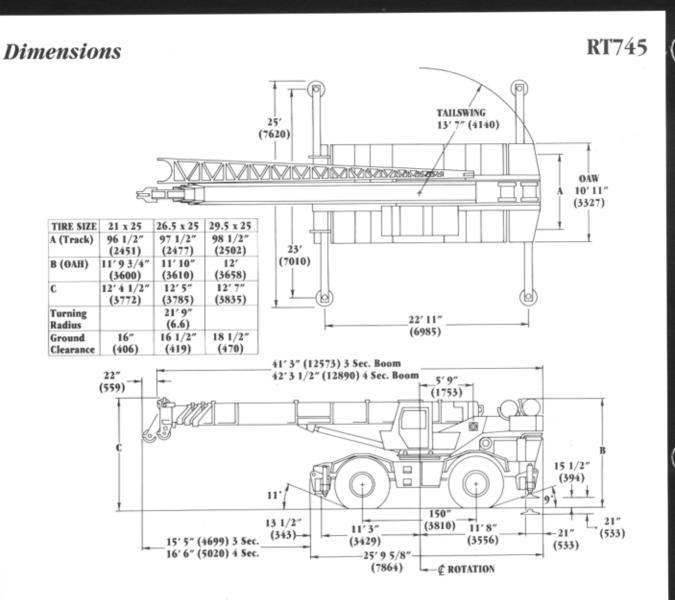
\*Denotes optional equipment

## Carrier specifications

Frame	High strength alloy steel all welded box-type construction with integral outrigger housings and			
		lifting, towing and tie down lugs.		
Outrigger	Hydraulic single stage double box telescopic beam and			
System	jack outriggers with integral holding valves. All steel			
	fabricated	quick release type outrigger floats, 24"		
	(610mm)	diameter.		
		outrigger pad load 67,539 lbs. (30,636 kg).		
Outrigger	Located in cab on right side console requires two			
Controls	hand operation. Crane level indicator located in cab.			
Engine	Cummins 6BTA5.9 six cylinder turbo-charged water			
		sel - 5.9 L, 192 bhp (143 kw) (Gross) @		
		1. Maximum torque 458 ft. lbs. (63 kg/m)		
	@ 1,700 R			
Optional		eight cylinder naturally aspirated water		
Engine		cooled diesel, 195 bhp (145 kw) (Gross) @ 2,600		
	RPM. Maxi	imum torque 489 ft. lbs. (68 kg/m) @		
	1,200 RPM			
Fuel Tank	60 gallons	(227 L)		
Capacity				
Electrical	Two (four with CAT) 12 volt maintenance free			
System	batteries, 625 CCA @ 0° degree F. 24 volt starting.			
Drive	4 x 4			
Steering	Fully indep	endent power steering:		
	Front:	Full hydraulic controlled by steering		
		wheel.		
	Rear:	Full hydraulic hand lever controlled.		
		Provides infinite variations of 4 main		
		steering modes - front only, rear only,		
		crab and coordinated. Rear wheel steer		
		indicator.		
Transmission		ounted powershift with 6 speeds forward		
	and 6 reverse, 3 in high range, 3 in low range.			
		lisconnect for 4 x 2 travel.		
Axles	Front:	Drive-steer with differential and plane-		
		tary reduction hubs rigid mounted to		
		the chassis.		
	Rear:	Drive-steer with differential and plane-		
		tary reduction hubs, pivot mounted at		
		the center of chassis frame, providing		
		up to 10" (254mm) oscillation.		
	Optional:	*No-spin differential on rear axle.		
Oscillation	Automatic	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits		
Oscillation Lockouts	Automatic oscillation	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front.		
Lockouts	Automatic oscillation *Optional	*No-spin differential on rear axle.  full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control.		
Lockouts Tires	Automatic oscillation *Optional of Standard 2	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless.		
Lockouts Tires Optional	Automatic oscillation *Optional of Standard 2 *26.5 x 25	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless26PR earthmover type tubeless;		
Lockouts Tires Optional Tires	Automatic oscillation *Optional of Standard 2 *26.5 x 25 29.5 x 25-2	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless26PR earthmover type tubeless.		
Lockouts Tires Optional	Automatic oscillation *Optional Standard 2 *26.5 x 25 29.5 x 25- Dual braki	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless26PR earthmover type tubeless; 22PR earthmover type tubeless. ng system, full air operating on all four		
Lockouts Tires Optional Tires	Automatic oscillation *Optional Standard 2 *26.5 x 25 29.5 x 25- Dual braki wheels. Sp	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless26PR earthmover type tubeless; 22PR earthmover type tubeless. ng system, full air operating on all four ring-applied, air released parking brake		
Lockouts Tires Optional Tires Brakes	Automatic oscillation *Optional Standard 2 *26.5 x 25 29.5 x 25- Dual braki wheels. Sp operating o	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR earthmover type tubeless26PR earthmover type tubeless; 22PR earthmover type tubeless. ng system, full air operating on all four ring-applied, air released parking brake on all four wheels.		
Lockouts Tires Optional Tires	Automatic oscillation *Optional * Standard 2 * 26.5 x 25 - 29.5 x 25-Dual braki wheels. Sp operating of Full lightin	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR earthmover type tubeless26PR earthmover type tubeless; 22PR earthmover type tubeless. ng system, full air operating on all four ring-applied, air released parking brake on all four wheels. g package including turn indicators, head,		
Lockouts Tires Optional Tires Brakes	Automatic oscillation *Optional *Standard 2 *26.5 x 25-29.5 x 25-Dual braki wheels. Sp operating of Full lightin tail, brake	*No-spin differential on rear axle. full hydraulic lockouts on rear axle permits only with boom centered over the front. oscillation lockout override control. 1.00 x 25-24PR carthmover type tubeless26PR earthmover type tubeless; 22PR earthmover type tubeless. ng system, full air operating on all four ring-applied, air released parking brake on all four wheels.		

Maximum	128% the	oretical based on 84,500 lbs. (38,329 kg)		
Gradeability	GVW. 21.0	00 x 25 tires, pump disengaged, 80 ft.		
•	(24,4m) t	ooom plus 32 ft. (9.8m) swingaway.		
	BASIC STA	NDARD MACHINE (3 Section Boom)		
<b>Gross Vehicle</b>	Front: 36,845 lbs. (16,713 kgs)			
Weight & Axle	Rear:	41,855 lbs. (18,985 kgs)		
Loads	G.V.W.:	78,700 lbs. (35,698 kgs)		
	BASIC STANDARD MACHINE (4 Section Boom)			
	Front:	40,108 lbs. (18,193 kgs)		
	Rear:	40,592 lbs. (18,413 kgs)		
	G.V.W.	80,700 lbs. (36,606 kgs)		
Miscellaneous	Full width steel fenders, dual rear view mirrors,			
Standard	hookblock tiedown, electronic back-up alarm,			
Equipment	light package, front stowage well.			
Optional	* Auxiliary hoist			
Equipment	* Worklig	* Worklights		
	* 360° rotating beacon			
	* Cab spotlight			
		* Outrigger spin locks		
	* Engine block heater			
	* Manual skylight wiper			
	* Hookble	* Hookblocks		
	nch (front mounted-maximum single line			
	pull - 15,000 lbs. [6804 kg]; maximum speed -			
	92 FPM [28.0 m/m])			
	* Spare wheel assembly			
	* Tire inflation kit			
	* Tool kit			
	* Pintle hook front/rear			
	* Diesel heater/defroster			

\*Denotes optional equipment.





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Form No.: SBRT745 Part No.: 3-410 292-5M Printed in U.S.A.