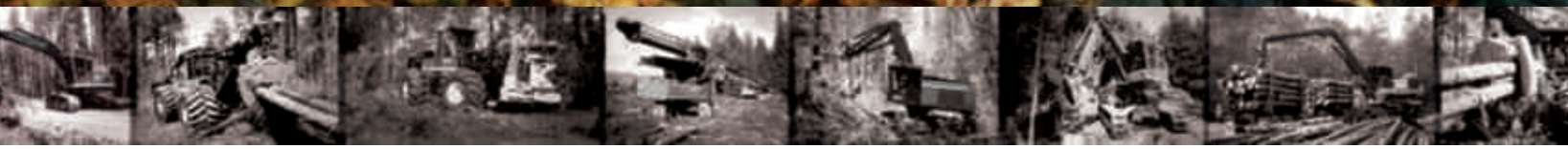


SKIDDERS

GRAPPLE 548G-III 648G-III 748G-III CABLE 540G-III 640G-III



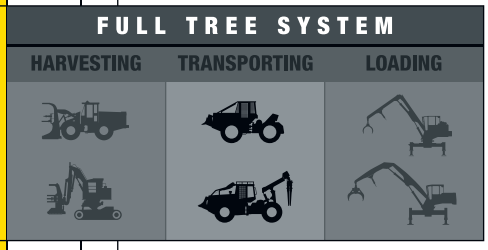


JOHN DEERE

THE PERFECT SKIDDER
FOR YOUR IMPERFECT WORKING CONDITIONS.



	GRAPPLE 548G-III/CABLE 540G-III	GRAPPLE 648G-III/CABLE 640G-III	GRAPPLE 748G-III
Rated Power @ 2,200 rpm with Torque Converter	129 SAE gross hp *96 kW* N/A	168 SAE gross hp *125 kW* 181 SAE gross hp *135 kW*	177 SAE gross hp *132 kW* N/A
Overall Height	9 ft. 10.5 in. *3,01 m*	9 ft. 11 in. *3,03 m*	10 ft. 3.1 in. *3,13 m*
Maximum Blade Lift Above Ground	3 ft. 11.6 in. *1,21 m*	4 ft. 3.5 in. *1,31 m*	4 ft. 11 in. *1,50 m*
Maximum Blade Dig Below Ground	11.3 in. *288 mm*	14.5 in. *367 mm*	14.2 in. *360 mm*



Full Tree System—No one offers the extensive product line, dealer network and tough, purpose-built machines like John Deere.

No matter what kind of terrain you work, there's a John Deere G-III Series Grapple Skidder that can be perfectly matched to your exacting needs.

You know what you need out of your skidder. We can give it to you with the widest range of models and options in the industry. Choose the size, power and options that best suit your job needs. Innovative high-torque diesel engines, the choice of transmissions, axles, grapples, winches, cab comforts and a host of other options that let you build the ideal skidder to work in your kind of wood and terrain, and ultimately increase your productivity numbers.





Choose from four single-function grapples or three dual-function grapple versions.



Direct drive or torque converter powershift—choose the one that's right for your job. The standard direct drive powershift transmission puts the most power to the axles on mostly firm ground and for short-to-medium skidding distances.



For really soft going, steep slopes or severe ground, the smooth, steady traction of the torque converter powershift can make all the difference.

LET'S KICK THE TIRES.





Industry-leading cab design utilizes isolation mounts for reduced noise, vibration and driver fatigue. Operator comforts include a seat that swivels up to 30 degrees, ergonomically located controls, a tilt/telescopic steering wheel and A/C for use in all weather.

6.8L and 8.1L Deere PowerTech™ engines feature high torque rise, heavy-duty engine blocks, proven durability and fuel efficiency.

Industry-leading Deere diesel engines. Powershift transmissions, with seven forward and six reverse gears, are controlled with a bump shifter for ease of operation. Torque converter transmission, with six forward and three reverse gears, available in the 648G-III grapple skidder and 640G-III cable skidder.

Extended Coverage warranty lets you custom fit coverage to your specific needs, giving you a fixed cost for machine repairs over a given period of time. Whether you work in a severe-service operation or just want to spread the risk of doing business, Extended Coverage Warranty is a great way to protect your cash flow.

The standard 4000 winch features a bare drum line pull up to 47,697 lbf *(212 kN)*. The optional 6000 has a line pull of 50,517 lbf *(225 kN)*. Both are easily operated with a single lever and feature sealed, wet disc clutches and spring-applied, hydraulically activated brakes for extreme durability.

Inboard planetary axles feature wet disc brakes sealed and immersed in cooling oil bath. They are self-equalizing and self-adjusting to decrease wear with on-the-fly diff locks.

MORE POWER. MORE COMFORT. MORE DONE.

The G-III Series grapple skidder engines deliver high torque-on-demand power and best-in-class cabs that will keep your operator happy and your landing busy.

The heart of the skidder is its engine. The innovative John Deere diesel engines use an advanced, electronically controlled fuel injection system that produces more torque for quick turnaround and faster cycles. The common rail fuel injection system controls the big power bulge programmed into the torque curve. Power is automatically increased as a load tries to pull down the engine, resulting in the most efficient use of power at every stage of each cycle and increased productivity you will notice.

The quiet, isolation-mounted cabin on the G-III Series grapple skidders will keep the operator working effortlessly without sacrificing control or production efficiency. The seat is fully adjustable for individual height and weight, and it swivels so the operator doesn't have to. The steering wheel with spinner knob is adjustable as well. And the soft-touch levers are positioned to give easy control with the least amount of effort.



The 548G-III and 648G-III feature 6.8 L John Deere turbocharged engines. They have the steep torque rise to lift heavy loads, get them started quickly, and keep you moving over rough ground.

- The quiet, isolation-mounted cabin has a tinted front windshield and a sun visor, and heavy screens secure the sides and back.
- The optional fully enclosed cab has polycarbonate windows on all openings with screens on the door windows only. This well-sealed cab keeps dust out and helps the air conditioning, venting and heating systems operate at peak efficiency.
- Soft-touch levers are positioned to give easy control with the least amount of effort.
- An electronic hand throttle option with three pre-set speeds lets the operator free up his throttle pedal foot.
- Control knobs for heating, venting, air conditioning and windshield wipers are handy without obstructing visibility.
- Optional AM/FM stereo, located in the contoured headliner with remote speakers, has a CD or cassette option.
- The little things that mean a lot—a dome light, storage under the armrest for cassette tapes with cell phone hookup, a beverage holder, door bins, and a hook for your jacket.







DO IT RIGHT THE FIRST TIME.

You can count on John Deere grapples to pick up a load the first try. Fast load gathering and a secure hold get you from stump to landing double time.

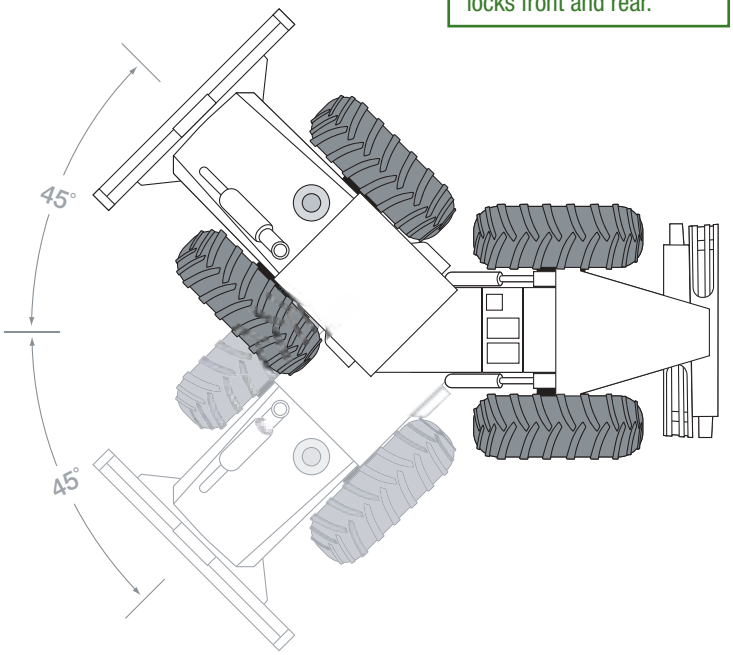
The innovative G-III Series grapples are designed with two hydraulic cylinders, one for each tong, so they adjust to each load with a secure grip. You can feel secure knowing closed-center, load-sensing hydraulics maintain constant pressure on the tongs from start to finish, independent of the transmission. Box construction with three internal ribs on each tong makes them stronger without adding weight. Tong tips are constructed of wear-resistant cast steel for an even better grip and longer life.

The single function arch simply lowers and raises the grapple head. It is most productive working where it can pick up tightly bunched piles in a single pass. Dual-arch geometry uses four cylinders to reach out as well as lift. This extension can avoid changing the skidder's position, saving time when loads are scattered or upslope. It pulls the load over the rear for the best weight distribution and heavy load control over longer hauls.

From arch to tong tip, the G-III Series grapples are built woods-tough, making your skidder as productive as it is reliable.

A high torque motor drives the grapple through 360-degree continuous rotation.

Fast maneuvering with 90-degree stop-to-stop articulation and differential locks front and rear.



Southern Thinning Special

Designed specifically to make first thinnings more profitable, this optional 648G-III Single-Arch Grapple Skidder can pull larger loads each turn to increase the amount of wood to the landing every shift. It has a large 123-in. *(312 cm)* grapple and an extended 145-in. *(368 cm)* wheelbase for better balance and stability to handle larger loads, and it improves traction when reversing uphill or backing up to a gate delimber.

IMPRESS THE GUYS BACK AT THE LANDING.

G-III Series cable skidders make the most of every load,
with the power to move big loads and the security to get them there.



The fenders are shaped to guide butts into the best position for load control during skidding.

When you set your own chokers, every load counts. And quality John Deere winches give you the power and reliability you need. The standard 4000 winch, and optional 6000, are easily operated with a single lever and feature powerful line pull, sealed, wet-disc clutches and spring-applied, hydraulically activated brakes for extreme durability.

The rear assembly is built forest-tough to withstand the heavy buffeting they endure. The big, adjustable fairlead, heavy butt pan, see-through ramguard screen and strong fenders protect the tires, rear frame, winch and more importantly—the operator. Plus, the engines have the power bulge and high torque-on-demand to get big loads started quickly, and the phenomenal drawbar pull from the innovative transmissions to keep them moving fast. The G-III Series cable skidders have what it takes to get the wood out more productively and more reliably.





The standard 4000 winch boosts a bare drum line pull up to 47,697 lbf *(212 kN)*, while the optional 6000 pulls a massive 50,517 lbf *(225 kN)*.

AS RELIABLE AS THE WORKDAY IS LONG.

Building reliability into the transmissions and axles sets the G-III Series skidders apart from the competition load after load.



Mounted side by side for easy cleaning, the hydraulic cooler and the radiator both have larger capacity serpentine cores to meet the needs of charge air-cooled Tier II engines.

The hydraulic wet-disc brakes are completely sealed and immersed in an oil cooling bath. They are self-equalizing and self-adjusting for wear, extending their service intervals.



The 100-in. *(254 cm)* SWEDA has a massive housing, large axle and flange, plus its own dipstick for fast oil check.

Not only are John Deere transmissions built to work efficiently, but the internal oil flow for the bearing to the front housing gives a more consistent flow, eliminating external lines to avoid damage and extending the transmission's life cycle. The engines have heavy-duty blocks, high-capacity oil and water pumps and hardened, replaceable wet cylinder liners that make them as durable as they are productive.

Match your tires and terrain with a choice of four axles—from standard to heavy-duty to extreme-duty, up to the super-wide, extreme-duty axle (SWEDA) for floatation tires or duals. Combine that with a powerful, dependable drivetrain and you get the rim pull to skid heavy loads shift after shift. It all adds up to a skidder you can count on no matter what the conditions.



A quick glance tells you engine temperature, transmission oil temperature and fuel level. You can also call up digital readouts for hour meter, gear selection, battery voltage, engine rpm and hydraulic oil temperature, along with fault codes for the engine and transmission. The warning indicators are accompanied by audible alarm beeps, either critical for immediate shut-down or cautionary to warn of a less critical malfunction.



STRETCH YOUR FUEL FURTHER.

With fuel prices the way they are, it's good to know your grapple skidder will make the most of every drop.



There's nothing to compare with the John Deere direct drive powershift transmission. It gets the highest torque from the engine to the wheels, getting the most out of your available power and every gallon of fuel. With the engine running at lower RPMs, fuel efficiency is improved even more, further lowering your daily operating costs.

The cab can be released and hydraulically tilted in a few minutes for easy access. Daily servicing points are easy to get at, making routine maintenance quicker and less of a chore.





The panel door behind the cab can be lowered for easy access to HVAC filers, evaporators, blower motor and optional precleaner.

Quick-release fuel filters and separators, spin-on oil filters, and oil drain shut-off for spill-free oil changes make daily maintenance a snap.

Rest assured that your purpose-built John Deere Forestry equipment is supported by the most extensive dealer network in the industry and unsurpassed parts availability. That's our promise.



TECHNICAL DATA 548G-III 648G-III 748G-III GRAPPLE SKIDDERS

ENGINE	548G-III	648G-III	748G-III
Type	John Deere 6068T, 6-cylinder, emissions compliant, with altitude-compensating, spark-arresting turbocharger	John Deere 6068H, 6-cylinder, emissions compliant, with altitude-compensating, spark-arresting turbocharger	John Deere 6081H, 6-cylinder, emissions compliant, with altitude-compensating, spark-arresting turbocharger
Rated Power @ 2,200 rpm	129 SAE gross hp *96 kW*	168 SAE gross hp *125 kW*	177 SAE gross hp *132 kW*
With Torque-Converter Option		181 SAE gross hp *135 kW*	
Peak Power	117 SAE net hp *87 kW*	160 SAE net hp *119 kW*	171 SAE net hp *127 kW*
With Torque-Converter Option		171 SAE net hp *128 kW*	
Displacement	414 cu-in *6,8 L*	414 cu-in *6,8 L*	494 cu-in *8,1 L*
Maximum Net Torque	32% @ 1,400 rpm / *383 lb-ft 522 Nm*	30% @ 1,400 rpm / *494 lb-ft 670 Nm*	37% @ 1,400 rpm / *578 lb-ft 785 Nm*
With Torque-Converter Option		28% @ 1,400 rpm / *529 lb-ft 717 Nm*	
Fuel Consumption, Typical	2.7 to 4.0 gal/hr *10,4 to 15 L/h*	4.0 to 5.7 gal/hr *15,0 to 21,6 L/h*	4.1 to 6.2 gal/hr *15,5 to 23,4 L/h*
With Torque-Converter Option		4.5 to 6.3 gal/hr *17,0 to 23,8 L/h*	
Air Cleaner	Dual stage with safety element and dust unloader valve	Dual stage with safety element and dust unloader valve	Dual stage with safety element and dust unloader valve
Cooling System	Heavy-duty radiator with in-line core coolant recovery reservoir	Heavy-duty radiator with in-line core coolant recovery reservoir	Heavy-duty radiator with in-line core coolant recovery reservoir
Cooling Fan	Blower	Blower	Blower
Lubrication	Pressure system with oil cooler	Pressure system with oil cooler	Pressure system with oil cooler
Oil Filter	Vertically mounted spin-on	Vertically mounted spin-on	Vertically mounted spin-on
Electrical System	12 volt with 65-amp alternator	12 volt with 65-amp alternator	12 volt with 65-amp alternator
Battery (two 12 volt)	Reserve capacity: 360 min, 1,850 CCA	Reserve capacity: 360 min, 1,850 CCA	Reserve capacity: 360 min, 1,850 CCA

TRANSMISSION			
Type	Direct-drive power shift*	Direct-drive power shift*	Direct-drive power shift*
Oil Filtration	10 micron pressure side with bypass	10 micron pressure side with bypass	10 micron pressure side with bypass

*Power shift with torque converter optional on 648G-III only

AXLES			
Final Drives	Heavy-duty planetary, mounted inboard	Heavy-duty planetary, mounted inboard	Heavy-duty planetary, mounted inboard
Differentials	Hydraulic locking, operated on the go	Hydraulic locking, operated on the go	Hydraulic locking, operated on the go
Front Axle Oscillation	30 degrees, stop to stop	30 degrees, stop to stop	30 degrees, stop to stop

BRAKES	
Service Brakes	Long-life, inboard-mounted wet disc oil cooled, self-adjusting and self-equalizing front and rear axles
Parking Brake	Automatically spring-applied, hydraulically released, sealed and lubricated, wet multi-disc, integrally mounted in transmission

STEERING			
Frame Articulation	90 degrees total, stop to stop	90 degrees total, stop to stop	90 degrees total, stop to stop
Steering Wheel With Orbitrol™ Valve			

POWER TRAIN PERFORMANCE	548G-III with 28L-26 tires		648G-III with 30.5-32 tires		748G-III with 30.5-32 tires	
No Tire Slip	Maximum Speed @ 2,200 rpm	Maximum Drawbar @ peak torque	Maximum Speed @ 2,200 rpm	Maximum Drawbar @ peak torque	Maximum Speed @ 2,200 rpm	Maximum Drawbar @ peak torque
Forward						
Gear 1	1.5 mph *2,4 km/hr*	32,745 lb *146 kN*	1.7 mph *2,7 km/hr*	37,645 lb *167 kN*	1.7 mph *2,7 km/hr*	42,385 lb *189 kN*
Gear 2	2.0 mph *3,2 km/hr*	24,672 lb *110 kN*	2.3 mph *3,7 km/hr*	28,364 lb *126 kN*	2.3 mph *3,7 km/hr*	31,935 lb *142 kN*
Gear 3	2.6 mph *4,2 km/hr*	18,535 lb *82 kN*	3 mph *4,8 km/hr*	21,309 lb *95 kN*	3 mph *4,8 km/hr*	23,992 lb *107 kN*
Gear 4	3.5 mph *5,6 km/hr*	13,963 lb *62 kN*	4 mph *6,4 km/hr*	16,052 lb *71 kN*	4 mph *6,4 km/hr*	18,074 lb *80 kN*
Gear 5	4.6 mph *7,4 km/hr*	10,462 lb *47 kN*	5.4 mph *8,7 km/hr*	12,028 lb *54 kN*	5.4 mph *8,7 km/hr*	13,542 lb *60 kN*
Gear 6	6.1 mph *9,8 km/hr*	7,867 lb *35 kN*	7.2 mph *11,6 km/hr*	9,044 lb *40 kN*	7.2 mph *11,6 km/hr*	10,183 lb *45 kN*
Gear 7	9.1 mph *14,7 km/hr*	5,313 lb *24 kN*	10.7 mph *17,2 km/hr*	6,108 lb *27 kN*	10.7 mph *17,2 km/hr*	6,878 lb *31 kN*
Gear 8	12.1 mph *19,5 km/hr*	3,987 lb *18 kN*	14.1 mph *22,7 km/hr*	4,584 lb *20 kN*	14.1 mph *22,7 km/hr*	5,159 lb *23 kN*
Reverse						
Gear 1	1.5 mph *2,4 km/hr*	32,745 lb *146 kN*	1.7 mph *2,7 km/hr*	37,645 lb *167 kN*	1.7 mph *2,7 km/hr*	37,645 lb *167 kN*
Gear 2	2.0 mph *3,2 km/hr*	24,672 lb *110 kN*	2.3 mph *3,7 km/hr*	28,364 lb *126 kN*	2.3 mph *3,7 km/hr*	28,364 lb *126 kN*
Gear 3	2.6 mph *4,2 km/hr*	18,535 lb *82 kN*	3 mph *4,8 km/hr*	21,309 lb *95 kN*	3 mph *4,8 km/hr*	21,309 lb *95 kN*
Gear 4	3.5 mph *5,6 km/hr*	13,963 lb *62 kN*	4 mph *6,4 km/hr*	16,052 lb *71 kN*	4 mph *6,4 km/hr*	16,052 lb *71 kN*
Gear 5	4.6 mph *7,4 km/hr*	10,462 lb *47 kN*	5.4 mph *8,7 km/hr*	12,028 lb *54 kN*	5.4 mph *8,7 km/hr*	12,028 lb *54 kN*
Gear 6	6.1 mph *9,8 km/hr*	7,867 lb *35 kN*	7.2 mph *11,6 km/hr*	9,044 lb *40 kN*	7.2 mph *11,6 km/hr*	9,044 lb *40 kN*
Gear 7	9.1 mph *14,7 km/hr*	5,313 lb *24 kN*	10.7 mph *17,2 km/hr*	6,108 lb *27,2 kN*	10.7 mph *17,2 km/hr*	6,108 lb *27 kN*

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HYDRAULIC SYSTEM

	548G-III	648G-III	748G-III
Pump	Variable-displacement axial piston	Variable-displacement axial piston	Variable-displacement axial piston
Maximum Rated Flow	27 gpm *102 L/min* @ 2,200 rpm	42 gpm *159 L/min* @ 2,200 rpm	42 gpm *159 L/min* @ 2,200 rpm
Pressure	3,000 psi *20 684 kPa*	3,000 psi *20 684 kPa*	3,000 psi *20 684 kPa*
Oil Filtration	One 10 micron return oil with bypass	One 10 micron return oil with bypass	One 10 micron return oil with bypass

WINCH (OPTIONAL)

Type	Sealed, wet multi-disc clutch and brake pressurized lubrication single lever control		Sealed, wet multi-disc clutch and brake pressurized lubrication single lever control		Sealed, wet multi-disc clutch and brake pressurized lubrication single lever control	
Cable Capacity	4000 (8-in drum)	4000 (10-in drum)	4000 (8-in drum)	4000 (10-in drum)		6000 (11-in drum)
0.625-in *15,8 mm* cable	254-ft *77,4 m*	199-ft *60,6 m*	254-ft *77,4 m*	199-ft *60,6 m*		373-ft *114 m*
0.75-in *19,1 mm* cable	179-ft *54,6 m*	141-ft *43 m*	179-ft *54,6 m*	141-ft *43 m*		263-ft *80,2 m*
0.875-in *22,2 mm* cable	129-ft *39,3 m*	101-ft *30,8 m*	129-ft *39,3 m*	101-ft *30,8 m*		189-ft *58 m*
1-in *25,4 mm* cable	100-ft *30,5 m*	78-ft *23,8 m*	100-ft *30,5 m*	78-ft *23,8 m*		147-ft *45 m*
Linepull @ Peak Engine, 0.625-in *15,8 mm* cable	Bare Drum	Full Drum	Bare Drum	Full Drum	Bare Drum	Full Drum
4000 (8-in drum high speed)	31,726 lb *141 kN*	19,036 lb *85 kN*	40,942 lb *182 kN*	24,565 lb *109 kN*		
4000 (8-in drum standard speed)	36,960 lb *164 kN*	22,176 lb *99 kN*	47,697 lb *212 kN*	28,618 lb *127 kN*		
4000 (10-in drum high speed)	30,003 lb *133 kN*	22,176 lb *99 kN*	38,719 lb *172 kN*	28,618 lb *127 kN*		
6000 (11-in drum high speed)					50,517 lb *225 kN*	31,527 lb *140 kN*
Line Speed @ 2,200 rpm, 0.625-in *15,8 mm* cable	Bare Drum	Full Drum	Bare Drum	Full Drum	Bare Drum	Full Drum
4000 (8-in drum high speed)	142 fpm *43,2 m/min*	236 fpm *72,0 m/min*	142 fpm *43,2 m/min*	236 fpm *72,0 m/min*		
4000 (8-in drum standard speed)	122 fpm *37,1 m/min*	203 fpm *61,8 m/min*	122 fpm *37,1 m/min*	203 fpm *61,8 m/min*		
4000 (10-in drum high speed)	150 fpm *45,7 m/min*	203 fpm *61,8 m/min*	150 fpm *45,7 m/min*	203 fpm *61,8 m/min*		
6000 (11-in drum high speed)					128 fpm *39,0 m/min*	205 fpm *62,5 m/min*

GROUND PRESSURE DATA

Tires	Single Function	Single Function	Dual Function	Single Function	Dual Function
23.1-26	7.3 psi *50,3 kPa*				
28L-26	6.1 psi *42,2 kPa*	7.2 psi *49,7 kPa*			
24.5-32	6.6 psi *45,7 kPa*	7.8 psi *53,7 kPa*	8.2 psi *56,7 kPa*	8.6 psi *60,3 kPa*	9.0 psi *62,2 kPa*
30.5-32	5.5 psi *38,2 kPa*	6.5 psi *44,6 kPa*	6.8 psi *47,0 kPa*	7.2 psi *49,9 kPa*	7.5 psi *51,5 kPa*
67/34-25 or 26	5.5 psi *38,1 kPa*	6.5 psi *44,6 kPa*	6.8 psi *47,0 kPa*	7.2 psi *49,9 kPa*	7.5 psi *51,5 kPa*
66/43-25 or 26	4.7 psi *32,1 kPa*	5.5 psi *37,6 kPa*	5.8 psi *39,6 kPa*	6.1 psi *42,1 kPa*	6.3 psi *43,5 kPa*
68/50-32		4.4 psi *30,1 kPa*	4.6 psi *31,6 kPa*	4.9 psi *33,4 kPa*	5.0 psi *34,4 kPa*

CAPACITIES [U.S.]

		Single Function	Dual Function	
Fuel Tank	50 gal *189 L*	73 gal *276,3 L*	72 gal *272,5 L*	72 gal *272,5 L*
Cooling System	30 qt *24,6 L*	30 qt *28,4 L*		30 qt *28,4 L*
Engine Lubrication, Including Filter	20 qt *18,9 L*	20 qt *18,9 L*		25 qt *23,7 L*
Transmission	7.75 gal *29,3 L*	7.75 gal *29,3 L*		7.75 gal *29,3 L*
Differentials				
Front	4.5 gal *17 L*	4.5 gal *17 L*		7.5 gal *28,4 L*
Rear	4.5 gal *17 L*	7.5 gal *28,4 L*		7.5 gal *28,4 L*
Winch	9.3 gal *35,2 L*	9.3 gal *35,2 L*		12 gal *45,4 L*
Hydraulic Reservoir	8 gal *30,3 L*	11 gal *41,6 L*		11 gal *41,6 L*

OPERATING WEIGHTS

	Single Function	Single Function	Dual Function	Single Function	Dual Function
Standard Equipment	23,690 lb *10 768 kg*	30,245 lb *13 478 kg*	33,400 lb *15 182 kg*	33,335 lb *15 152 kg* (30.5 x 32 tires)	34,309 lb *15 595 kg*

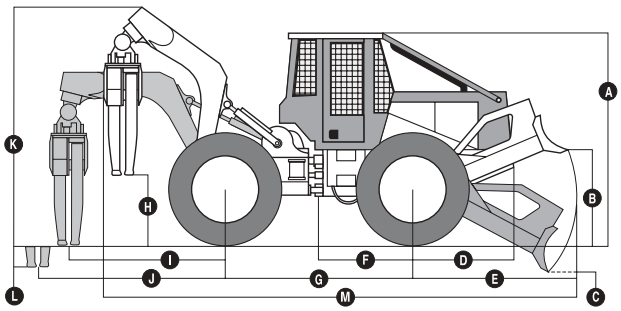
JOHN DEERE G-III SERIES GRAPPLE SKIDDERS

DIMENSIONS	548G-III	648G-III	748G-III
Tire Size	28L-26, 12 PR LS2	28L-26, 14 PR LS2	30.5-32, 16 PR LS2
A Overall Height*	9-ft 10.5-in *3,01 m*	9-ft 11-in *3,03 m*	10-ft 3.1-in *3,13 m*
B Maximum Blade Lift Above Ground	3-ft 11.6-in *1,21 m*	4-ft 3.5-in *1,31 m*	4-ft 11-in *1,50 m*
C Maximum Blade Dig Below Ground	11.3-in *288 mm*	14.5-in *367 mm*	14.2-in *360 mm*
C-1 Dozer Blade Width	7-ft 2-in *2 184 mm*	7-ft 2-in *2 184 mm*	9-ft 8-in *2 964 mm*
Optional		9-ft 8-in *2 964 mm*	
D Front Axle To Front Of Machine	4-ft 11.3-in *1 507 mm*	5-ft 6.3-in *1 685 mm*	5-ft 10-in *1 777 mm*
E Front Axle To Blade Cutting Edge Arc	6-ft 11.2-in *2 112 mm*	7-ft 6.2-in *2 292 mm*	8-ft 1.4-in *2 474 mm*
F Front Axle To Articulation Joint	5-ft 2-in *1 575 mm*	5-ft 8-in *1 727 mm*	5-ft 8-in *1 727 mm*
G Wheelbase	9-ft 7-in *2 920 mm*	11-ft 3-in *3 430 mm*†	12-ft 1-in *3 680 mm*

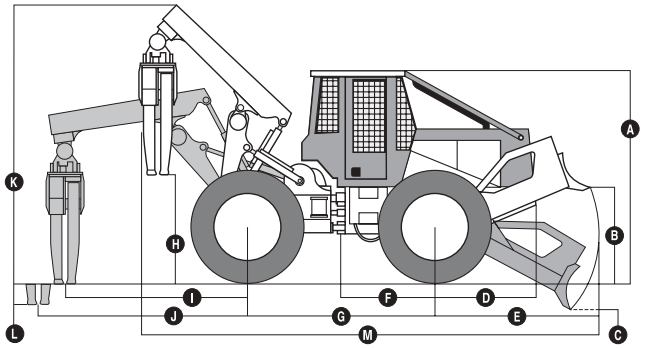
*Add 6.3-in 160 mm when equipped with water tank
†Dual-function machine features a 12-ft 1-in *3 680 mm* wheelbase

GRAPPLE

	548G-III	648G-III		748G-III	
	Single Function	Single Function	Dual Function	Single Function	Dual Function
H Height Of Grapple From Ground Level	34-in *864 mm*	31-in *908 mm*	4-ft 6-in *1 376 mm*	34-in *863 mm*	4-ft 4.4-in *1 331 mm*
I Reach Of Grapple At Ground Level	6-ft 5.6-in *1 970 mm*	7-ft 4.3-in *2 243 mm*	5-ft 1-in *1 536 mm*	7-ft 3.5-in *2 222 mm*	5-ft 1-in *1 547 mm*
J Reach Of Grapple At Full Reach	7-ft 1-in *2 158 mm*	7-ft 11.8-in *2 433 mm*	9-ft 8.9-in *2 968 mm*	7-ft 11.8-in *2 432 mm*	9-ft 8.9-in *2 968 mm*
K Maximum Height Of Boom	9-ft 10-in *2 991 mm*	10-ft 6-in *3 195 mm*	12-ft 1-in *3 680 mm*	10-ft 9.8-in *3 296 mm*	12-ft 4.9-in *3 781 mm*
L Below Ground Reach Of Grapple At Full Reach	34-in *872 mm*	37-in *942 mm*	42.2-in *1 072 mm*	38.9-in *988 mm*	44-in *1 117 mm*
M Overall Length	20-ft 9-in *6 330 mm*	23-ft 8.6-in *7 230 mm*	24-ft 1-in *7 345 mm*	25-ft 7.9-in *7 821 mm*	25-ft 5.6-in *7 763 mm*



548G-III / 648G-III / 748G-III WITH SINGLE-FUNCTION GRAPPLE



648G-III / 748G-III WITH DUAL-FUNCTION GRAPPLE

JOHN DEERE G-III SERIES GRAPPLE SKIDDERS

548G-III DIMENSIONS WITH TIRES

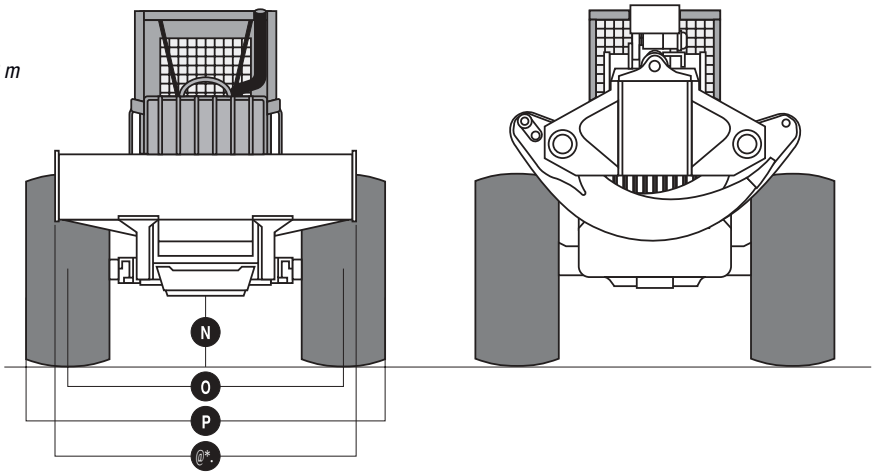
Tire Size	23.1-26	28L-26	24.5-32	23.1-26 (narrow gauge)	28L-26 (narrow gauge)	24.5-32 (narrow gauge)
N Ground Clearance	19.6-in *498 mm*	20.2-in *514 mm*	23.5-in *598 mm*	19.6-in *498 mm*	20.2-in *514 mm*	23.5-in *598 mm*
O Wheel Tread	7-ft 3-in *2,21 m*	7-ft 6-in *2,29 m*	8-ft 2-in *2,49 m*	6-ft 8.9-in *2,06 m*	7-ft 2-in *2,18 m*	7-ft 5-in *2,26 m*
P Overall Width	9-ft 2-in *2,79 m*	9-ft 10-in *3,0 m*	10-ft 2.5-in *3,11 m*	8-ft 8-in *2,64 m*	9-ft 6-in *2,90 m*	9-ft 5.5-in *2,88 m*
Turning Radius Over Tires	17-ft 11-in *5,474 m*	18-ft 1-in *5,512 m*		17-ft 6-in *5,398 m*	17-ft 6-in *5,460 m*	

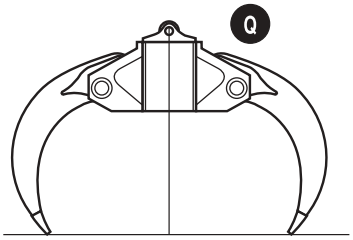
648G-III DIMENSIONS WITH TIRES

Tire Size	28L-26	24.5-32	30.5-32	28L-26 (narrow gauge)	24.5-32 (narrow gauge)
N Ground Clearance	20.2-in *514 mm*	23.5-in *598 mm*	24.2-in *615 mm*	20.2-in *514 mm*	23.5-in *598 mm*
O Wheel Tread	7-ft 10.5-in *2,40 m*	8-ft 2-in *2,49 m*	8-ft 1-in *2,46 m*	7-ft 6.5-in *2,29 m*	7-ft 5-in *2,26 m*
P Overall Width	10-ft 2.5-in *3,11 m*	10-ft 2.5-in *3,11 m*	10-ft 7.5-in *3,23 m*	9-ft 10.5-in *3,01 m*	9-ft 5.5-in *2,88 m*
Turning Radius Over Tires	18-ft 9-in *5,7 m*				

748G-III DIMENSIONS WITH TIRES

Tire Size	24.5-32	30.5-32
N Ground Clearance	22.9-in *582 mm*	23.6-in *599 mm*
O Wheel Tread	8-ft 2-in *2,49 m*	8-ft 1-in *2,46 m*
P Overall Width	10-ft 2.5-in *3,11 m*	10-ft 7.5-in *3,23 m*
Turning Radius Over Tires	21-ft *6,4 m*	





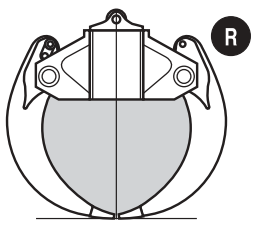
DIMENSIONS WITH GRAPPLE — 548G-III — 648G-III — 748G-III

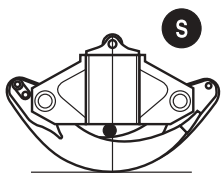
STANDARD GRAPPLE HEAD

	548G-III	648G-III	748G-III
Q Tong Opening At Tips	7-ft 1-in *2 160 mm*	9-ft 7-in *2 921 mm*	10-ft 3-in *3 124 mm*
R Enclosure Area, Tongs Tip To Tip	8 sq-ft *0,75 m²*	10.4 sq-ft *0,97 m²*	11.7 sq-ft *1,09 m²*
S Minimum Diameter Of Stem	5-in *24 mm*	5.5-in *140 mm*	5.2-in *132 mm*

HIGH-CAPACITY GRAPPLE HEAD

	648G-III	748G-III
Q Tong Opening At Tips	10-ft 3-in *3 124 mm*	10-ft 7-in *3 226 mm*
R Enclosure Area, Tongs Tip To Tip	11.7 sq-ft *1,09 m²*	14.9 sq-ft *1,38 m²*
S Minimum Diameter Of Stem	5.2-in *132 mm*	6.0-in *152 mm*





TECHNICAL DATA 540G-III 640G-III CABLE SKIDDERS

ENGINE

	540G-III	640G-III
Type	John Deere 6068T, emission compliant, with altitude-compensating, spark-arresting turbocharger	John Deere 6068H, emission compliant, with altitude-compensating, spark-arresting turbocharger
Rated Power @ 2,200 rpm	129 SAE gross hp *96 kW*	168 SAE gross hp *125 kW*
With Torque-Converter Option		181 SAE gross hp *135 kW*
Peak Power	117 SAE net hp *87 kW*	160 SAE net hp *119 kW*
With Torque-Converter Option		171 SAE net hp *128 kW*
Displacement	414 cu-in *6,8 L*	414 cu-in *6,8 L*
Maximum Net Torque	32% @ 1,400 rpm / *383 lb-ft 522 Nm*	30% @ 1,400 rpm / *494 lb-ft 670 Nm*
With Torque-Converter Option		28% @ 1,400 rpm / *529 lb-ft 717 Nm*
Fuel Consumption, Typical	2.3 to 3.5 gal/hr *8,8 to 13,4 L/h*	3.3 to 5.1 gal/hr *12,6 to 19,3 L/h*
With Torque-Converter Option		3.6 to 5.4 gal/hr *13,6 to 20,4 L/h*
Air Cleaner	Dual stage with safety element and dust unloader valve	Dual stage with safety element and dust unloader valve
Cooling System	Heavy-duty radiator with in-line core coolant recovery reservoir	Heavy-duty radiator with in-line core coolant recovery reservoir
Cooling Fan	Blower	Blower
Lubrication	Pressure system with oil cooler	Pressure system with oil cooler
Oil Filter	Vertically mounted spin-on	Vertically mounted spin-on
Electrical System	12 volt with 65-amp alternator	12 volt with 65-amp alternator
Battery (two 12 volt)	Reserve capacity: 360 min, 1,850 CCA	Reserve capacity: 360 min, 1,850 CCA

TRANSMISSION

Type	Direct-drive power shift*	Direct-drive power shift*
Oil Filtration	10 micron pressure side with bypass	10 micron pressure side with bypass

*Power shift with torque converter optional on 640G-III only

AXLES

Final Drives	Heavy-duty planetary, mounted inboard	Heavy-duty planetary, mounted inboard
Differentials	Hydraulic locking, operated on the go	Hydraulic locking, operated on the go
Front Axle Oscillation	30 degrees, stop to stop	30 degrees, stop to stop

BRAKES

Service Brakes	Long-life, inboard-mounted wet disc oil cooled, self-adjusting and self-equalizing front and rear axles
Parking Brake	Automatically spring-applied, hydraulically released, sealed and lubricated, wet multi-disc, integrally mounted in transmission

STEERING

Frame Articulation	90 degrees total, stop to stop
Steering Wheel With Orbitrol™ Valve	

POWER TRAIN PERFORMANCE

	540G-III with 28L-26 tires		640G-III with 30.5-32 tires	
No Tire Slip	Maximum Speed @ 2,200 rpm	Maximum Drawbar @ peak torque	Maximum Speed @ 2,200 rpm	Maximum Drawbar @ peak torque
Forward				
Gear 1	1.5 mph *2,4 km/hr*	32,745 lb *146 kN*	1.7 mph *2,7 km/hr*	37,645 lb *167 kN*
Gear 2	2.0 mph *3,2 km/hr*	24,672 lb *110 kN*	2.3 mph *3,7 km/hr*	28,364 lb *126 kN*
Gear 3	2.6 mph *4,2 km/hr*	18,535 lb *82 kN*	3 mph *4,8 km/hr*	21,309 lb *95 kN*
Gear 4	3.5 mph *5,6 km/hr*	13,963 lb *62 kN*	4 mph *6,4 km/hr*	16,052 lb *71 kN*
Gear 5	4.6 mph *7,4 km/hr*	10,462 lb *47 kN*	5.4 mph *8,7 km/hr*	12,028 lb *54 kN*
Gear 6	6.1 mph *9,8 km/hr*	7,867 lb *35 kN*	7.2 mph *11,6 km/hr*	9,044 lb *40 kN*
Gear 7	9.1 mph *14,7 km/hr*	5,313 lb *24 kN*	10.7 mph *17,2 km/hr*	6,108 lb *27 kN*
Gear 8	12.1 mph *19,5 km/hr*	3,987 lb *18 kN*	14.1 mph *22,7 km/hr*	4,584 lb *20 kN*
Reverse				
Gear 1	1.5 mph *2,4 km/hr*	32,745 lb *146 kN*	1.7 mph *2,7 km/hr*	37,645 lb *167 kN*
Gear 2	2.0 mph *3,2 km/hr*	24,672 lb *110 kN*	2.3 mph *3,7 km/hr*	28,364 lb *126 kN*
Gear 3	2.6 mph *4,2 km/hr*	18,535 lb *82 kN*	3 mph *4,8 km/hr*	21,309 lb *95 kN*
Gear 4	3.5 mph *5,6 km/hr*	13,963 lb *62 kN*	4 mph *6,4 km/hr*	16,052 lb *71 kN*
Gear 5	4.6 mph *7,4 km/hr*	10,462 lb *47 kN*	5.4 mph *8,7 km/hr*	12,028 lb *54 kN*
Gear 6	6.1 mph *9,8 km/hr*	7,867 lb *35 kN*	7.2 mph *11,6 km/hr*	9,044 lb *40 kN*
Gear 7	9.1 mph *14,7 km/hr*	5,313 lb *24 kN*	10.7 mph *17,2 km/hr*	6,108 lb *27,2 kN*

HYDRAULIC SYSTEM

	540G-III	640G-III
Pump	Variable-displacement axial piston	Variable-displacement axial piston
Maximum Rated Flow	27 gpm *102 L/min* @ 2,200 rpm	27 gpm *102 L/min* @ 2,200 rpm
Pressure	3,000 psi *20 684 kPa*	3,000 psi *20 684 kPa*
Oil Filtration	One 10 micron return oil with bypass	One 10 micron return oil with bypass

WINCH

	540G-III		640G-III		
Type	Sealed, wet multi-disc clutch and brake pressurized lubrication single lever control		Sealed, wet multi-disc clutch and brake pressurized lubrication single lever control		
Cable Capacity	4000 (8-in drum)	4000 (10-in drum)	4000 (8-in drum)	4000 (10-in drum)	6000 (11-in drum)
0.625-in *15,8 mm* cable	254-ft *77,4 m*	199-ft *60,6 m*	254-ft *77,4 m*	199-ft *60,6 m*	373-ft *114 m*
0.75-in *19,1 mm* cable	179-ft *54,6 m*	141-ft *43 m*	179-ft *54,6 m*	141-ft *43 m*	263-ft *80,2 m*
0.875-in *22,2 mm* cable	129-ft *39,3 m*	101-ft *30,8 m*	129-ft *39,3 m*	101-ft *30,8 m*	189-ft *58 m*
1-in *25,4 mm* cable	100-ft *30,5 m*	78-ft *23,8 m*	100-ft *30,5 m*	78-ft *23,8 m*	147-ft *45 m*

Linepull @ Peak Engine, 0.625-in *15,8 mm* cable	540G-III Bare Drum	540G-III Full Drum	640G-III Bare Drum	640G-III Full Drum
4000 (8-in drum high speed)	31,726 lb *141 kN*	19,036 lb *85 kN*	40,942 lb *182 kN*	24,565 lb *109 kN*
4000 (8-in drum standard speed)	36,960 lb *164 kN*	22,176 lb *99 kN*	47,697 lb *212 kN*	28,618 lb *127 kN*
4000 (10-in drum high speed)	30,003 lb *133 kN*	22,176 lb *99 kN*	38,719 lb *172 kN*	28,618 lb *127 kN*
6000 (11-in drum high speed)			45,357 lb *203 kN*	28,307 lb *126 kN*

Line Speed @ 2,200 rpm, 0.625-in *15,8 mm* cable	540G-III Bare Drum	540G-III Full Drum	640G-III Bare Drum	640G-III Full Drum
4000 (8-in drum high speed)	142 fpm *43,2 m/min*	236 fpm *72,0 m/min*	142 fpm *43,2 m/min*	236 fpm *72,0 m/min*
4000 (8-in drum standard speed)	122 fpm *37,1 m/min*	203 fpm *61,8 m/min*	122 fpm *37,1 m/min*	203 fpm *61,8 m/min*
4000 (10-in drum high speed)	150 fpm *45,7 m/min*	203 fpm *61,8 m/min*	150 fpm *45,7 m/min*	203 fpm *61,8 m/min*
6000 (11-in drum high speed)			128 fpm *39,0 m/min*	205 fpm *62,5 m/min*

GROUND PRESSURE DATA

Tires	540G-III	640G-III
23.1-26	7.4 psi *50,7 kPa*	8.0 psi *55,3 kPa*
28L-26	6.2 psi *42,5 kPa*	6.7 psi *46,2 kPa*
24.5-32	6.7 psi *46,0 kPa*	7.2 psi *49,9 kPa*
30.5-32	5.6 psi *38,4 kPa*	6.4 psi *44,0 kPa*
67/34-25 or 26	5.6 psi *38,3 kPa*	6.4 psi *43,9 kPa*
66/43-25 or 26	4.7 psi *32,3 kPa*	5.7 psi *39,1 kPa*
68/50-32		4.5 psi *31,2 kPa*

CAPACITIES [U.S.]

	540G-III	640G-III
Fuel Tank	42.0 gal *159,0 L*	42.0 gal *159,0 L*
Cooling System	30 qt *24,6 L*	30 qt *28,4 L*
Engine Lubrication, Including Filter	20 qt *18,9 L*	20 qt *18,9 L*
Transmission	7.8 gal *29,3 L*	7.8 gal *29,3 L*
Differentials		
Front	4.5 gal *17 L*	4.5 gal *17 L*
Rear	4.5 gal *17 L*	7.5 gal *28,4 L*
Winch	9.3 gal *35,2 L*	9.3 gal *35,2 L*
Hydraulic Reservoir	8 gal *30,3 L*	11 gal *41,6 L*

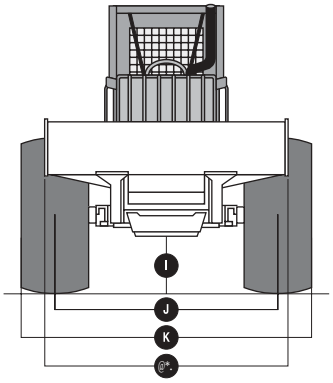
OPERATING WEIGHTS

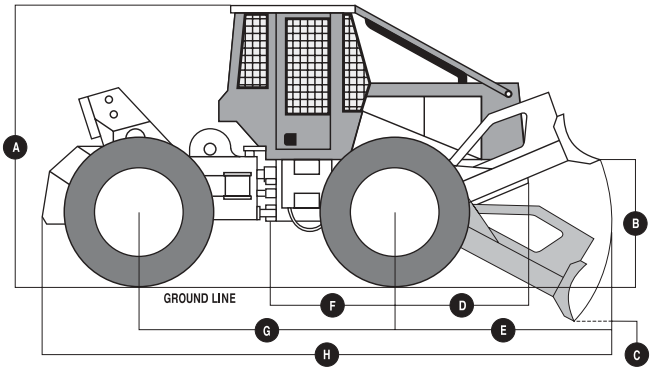
	540G-III	640G-III
Standard Equipment	22,780 lb *10 355 kg* (23.1 x 26 tires)	30,025 lb *13 648 kg* (30.5 x 32 tires)

JOHN DEERE G-III SERIES CABLE SKIDDERS

DIMENSIONS	540G-III	640G-III
Tire Size	28L-26	28L-26
A Overall Height*	9-ft 10.5-in	9-ft 11-in
	3,01 m	*3,03 m*
B Maximum Blade Lift Above Ground	3-ft 11.6-in	4-ft 3.5-in
	1,21 m	*1,31 m*
C Maximum Blade Dig Below Ground	11.3-in	14.5-in
	288 mm	*367 mm*
C-1 Dozer Blade Width	7-ft 2-in	7-ft 2-in
	2184 mm	*2184 mm*
Optional		9-ft 8-in
		2964 mm
D Front Axle To Front Of Machine	4-ft 11.3-in	5-ft 6.3-in
	1 507 mm	*1 685 mm*
E Front Axle To Blade Cutting Edge Arc	6-ft 11.2-in	7-ft 6.2-in
	2 112 mm	*2 292 mm*
F Front Axle To Articulation Joint	5-ft 2-in	5-ft 8-in
	1 575 mm	*1 727 mm*
G Wheelbase	9-ft 7-in	11-ft 3-in
	2 920 mm	*3 430 mm*
H Overall Length	20-ft 9.0-in	23-ft 8.6-in
	6 330 mm	*7 230 mm*

*Add 6.3-in *160 mm* when equipped with water tank





540G-III DIMENSIONS WITH TIRES

Tire Size	23.1-26	28L-26	24.5-32	23.1-26 (narrow gauge)	28L-26 (narrow gauge)	24.5-32 (narrow gauge)
I Ground Clearance	19.6-in	20.2-in	23.5-in	19.6-in	20.2-in	23.5-in
	498 mm	*514 mm*	*598 mm*	*498 mm*	*514 mm*	*598 mm*
J Wheel Tread	7-ft 3-in	7-ft 6-in	7-ft 9.5-in	6-ft 9-in	7-ft 2-in	7-ft 0.5-in
	2,21 m	*2,29 m*	*2,38 m*	*2,06 m*	*2,18 m*	*2,15 m*
K Overall Width	9-ft 2-in	9-ft 10-in	9-ft 10-in	8-ft 8-in	9-ft 6-in	9-ft 1-in
	2,79 m	*3,00 m*	*3,00 m*	*2,64 m*	*2,90 m*	*2,77 m*
Turning Radius Over Tires	17-ft 11-in	18-ft 1-in	18-ft 0-in	17-ft 6-in	17-ft 11-in	17-ft 7-in
	5,47 m	*5,51 m*	*5,48 m*	*5,33 m*	*5,50 m*	*5,36 m*

640G-III DIMENSIONS WITH TIRES

Tire Size	23.1-26	28L-26	24.5-32	30.5-32	23.1-26 (narrow gauge)	28L-26 (narrow gauge)	24.5-32 (narrow gauge)
I Ground Clearance	19.6-in	20.2-in	23.5-in	24.2-in	19.6-in	20.2-in	23.5-in
	498 mm	*514 mm*	*598 mm*	*615 mm*	*498 mm*	*514 mm*	*598 mm*
J Wheel Tread	7-ft 3-in	7-ft 6-in	7-ft 9.5-in	7-ft 8.5-in	6-ft 9-in	7-ft 2-in	7-ft 0.5-in
	2,21 m	*2,28 m*	*2,38 m*	*2,35 m*	*2,06 m*	*2,18 m*	*2,15 m*
K Overall Width	9-ft 2-in	9-ft 10-in	9-ft 10-in	10-ft 3-in	8-ft 8-in	9-ft 6-in	9-ft 1-in
	2,79 m	*3,00 m*	*3,00 m*	*3,12 m*	*2,64 m*	*2,90 m*	*2,77 m*
Turning Radius Over Tires	18-ft 3-in	18-ft 7-in	18-ft 7-in	18-ft 9-in	17-ft 11-in	18-ft 4-in	18-ft 2-in
	5,50 m	*5,60 m*	*5,60 m*	*5,70 m*	*5,40 m*	*5,60 m*	*5,50 m*

OPERATOR'S STATION

GRAPPLE AND CABLE SKIDDERS

Accessory power ports (2), 12-volt/15-amp fuse

Beverage holder

Cab hydraulic tilt for service

Canopy with tinted polycarbonate front windows and screens on all other openings / Heater, 40,000 Btu/hr *11.8 kW*

Cell-phone storage compartment and power port in right-hand armrest

Deluxe interior trim package

Dome light

Door storage bins

Fire extinguisher, 5 lb

Floormat

Foot throttle

Front wiper with washer

Full Function Monitor Instrumentation: Illuminated Gauges: Fuel level, Engine Coolant Temperature, Transmission Oil Temperature; Audible Warning Alarm for: Transmission Oil Temperature High, Engine Coolant High, Engine Oil Pressure Low, Hydraulic Oil Temperature High; Indicator lights for: Check Service Code, Engine Air Filter Restriction, Transmission Oil Filter Restriction, Hydraulic Oil Filter Restriction, Engine Oil Pressure, Differential Lock, Engine Alternator Volts, Fasten Seat Belt/Park Brake; and Selectable digital readout for: Hourmeter, Gear Selection, Battery Voltage, Engine PRM, Hydraulic Oil Temperature, Transmission and Engine fault codes

Full heating and ventilation ducting

Lockable doors with start switch key

Meets noise regulation: SAE J1166 (OSHA and BC)

Mirror, interior rearview

Operator manual with storage compartment

Operator protection withtegral ROPS, FOPS, and OPS structure

Seat belt, 2-in *51 mm* retractable

Sunscreen (front and rear)

Sunvisor (front)

Swivel seat with 15-, 22.5-, and 30-degree positions

Tilt-telescopic steering wheel with spinner knob

Vinyl cushion/mechanical suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

GRAPPLE SKIDDER OPTIONAL FEATURES

ENGINE

Electric ether starting aid

ELECTRICAL

Alternator, 95 amp

Alternator, 120 amp

Work lights (halogen, 2 front, 2 rear)

Work lights (halogen, 4 front, 4 rear)

TRANSMISSION

Power shift with torque converter with six forward and three reverse speeds (648 only)

Transmission disconnect, for cold weather starting (648 and 748 only)

OPERATOR'S STATION

Cab, fully enclosed, with polycarbonate windows on all openings with screens on the door windows only; also includes: Air conditioner, R134a refrigerant / Heater, 40,000 Btu/hr *11,8 kW* / Pressurizer

Fire extinguisher, 10 lb

Hand throttle

Rear wiper with washer

Seat belt, 3-in *76 mm*, anti-cinch retractable

Vinyl cushion/air suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

Fabric cushion/air suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

Fabric cushion/mechanical suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

AM/FM stereo sound system

AM/FM cassette stereo sound system

Cab fresh-air precleaner

Window glazing kit (canopy to cab field conversion)*

AXLES

1400 HD SWEDA (648 and 748 only)

TIRES

23.1-26, 14 ply rating, narrow gauge (548 only)

28L-26, 12 ply rating (548 only)

28L-26, 12 ply rating, narrow gauge (548 and 648 only)

28L-26, 14 ply rating (548 only)

24.5-32, 12 ply rating, narrow gauge (548 and 648 only)

24.5-32, 16 ply rating (548 and 648 only)

30.5-32, 16 ply rating

30.5-32 and 24.5-32, 16 ply rating - Duals (648 and 748 only)

HYDRAULIC SYSTEM

Single-lever "pilot" grapple control (optional on single- and dual-function grapples)

GRAPPLE

Dual function with 115-in tong opening (648 only)

Dual function with 123-in tong opening (648 and 748 only)

Dual function with 127-in tong opening (748 only)

WINCH

Model 4000 (8-in drum high speed) (548 and 648 only)

Model 4000 (8-in drum standard speed) (548 and 648 only)

Model 4000 (10-in drum high speed) (548 and 648 only)

Model 6000 (11-in drum) (748 only)

CABLE SKIDDER OPTIONAL FEATURES

ENGINE

Electric ether starting aid

ELECTRICAL

Alternator, 95 amp

Alternator, 120 amp

Work lights (halogen, 2 front, 2 rear)

Work lights (halogen, 4 front, 4 rear)

TRANSMISSION

Power shift with torque converter with six forward and three reverse speeds (640 only)

Transmission disconnect, for cold weather starting (640 only)

OPERATOR'S STATION

Cab, fully enclosed, with polycarbonate windows on all openings with screens on the door windows only; also includes: Air conditioner, R134a refrigerant / Heater, 40,000 Btu/hr *11,8 kW* / Pressurizer

Fire extinguisher, 10 lb

Hand throttle

Rear wiper with washer

Seat belt, 3-in *76 mm*, anti-cinch retractable

Vinyl cushion/air suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

Fabric cushion/air suspension seat with: Fore/ aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

Fabric cushion/mechanical suspension seat with: Fore/aft adjustment / Height, weight adjustment / Adjustable backrest angle / Armrests, two position

AM/FM stereo sound system

AM/FM cassette stereo sound system

Premium AM/FM//CD stereo sound system (field installed)*

Cab fresh-air precleaner

Window glazing kit (canopy to cab field conversion)*

TIRES

23.1-26, 14 ply rating, narrow gauge

28L-26, 12 ply rating

28L-26, 12 ply rating, narrow gauge

28L-26, 14 ply rating

24.5-32, 16 ply rating

30.5-32, 16 ply rating (640 only)

WINCH

Model 4000 (8-in drum high speed)

Model 4000 (10-in drum high speed)

Model 6000 (11-in drum) (640 only)

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 70 020, using No. 2-D fuel at 35 API gravity. No derating is required up to 10,000 ft. *(3050 m)* altitude. Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with full fuel tanks, 175-lb. *(79 kg)* operators, and standard equipment: 548-III and 648-III units with 28L-26, 14 PR LS2 tires; and 748G-III unit with 30.5-32, 16 PR LS2 tires.

Photos may show features or options not available in all markets.

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