

SKIDDERS

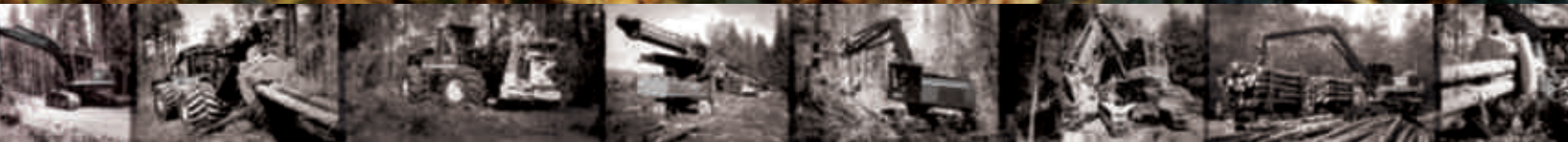
GRAPPLE 548G-III 648G-III 748G-III CABLE 540G-III 640G-III

FULL TREE SYSTEM ▶

HARVESTING

TRANSPORTING

LOADING ▼



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.

SKIDDERS

GRAPPLE 548G-III 648G-III 748G-III 848G-III 948G-III 640G-III

Grapples are designed with two hydraulic cylinders that adjust to each load. Closed-center, load-sensing hydraulics maintain constant pressure on the tongs. Three internal ribs on each tong make them stronger without adding weight, and tong tips are constructed of wear-resistant cast steel for a reliable grip.





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.

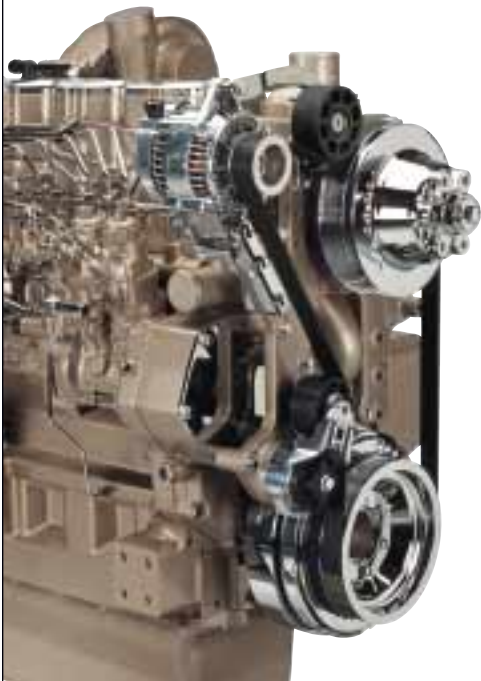
Inboard planetary axles feature wet disc brakes sealed and immersed in cooling oil bath. They are self-equalizing and self-adjusting to decrease wear with on-the-fly diff locks.

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.



Standard decking blade has a replaceable, weld-on cutting edge of high-carbon material for longer life.

A heavy-duty decking blade comes standard on the 748G-III and is optional on the 648G-III, is wider at 9-ft 8-in (2,95 m) with a heavier weld-on cutting edge for more tire protection and improved weight distribution with heavy loads.

Get big loads with front-to-back weight distribution that keeps traction on the front tires.



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.

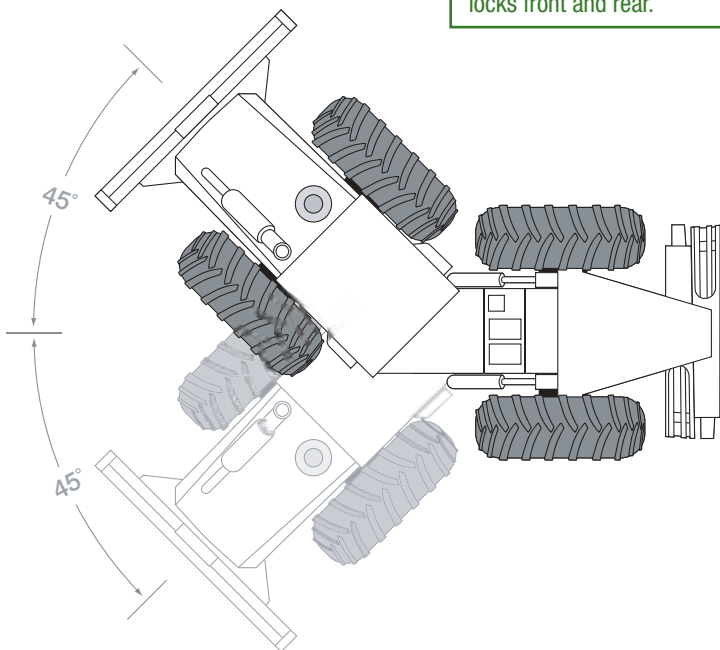
The single function arch simply lowers and raises the grapple head. It is most productive working where it can pick up tightly bunched piles in a single pass. Dual-arch geometry uses four cylinders to reach out as well as lift. This extension can avoid changing the skidder's position, saving time when 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 delimeter.

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 filters, 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.



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		648G-III		748G-III	
	with 28L-26 tires		with 30.5-32 tires		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 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	
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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	
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	
4000 (8-in drum high speed)	142 fpm	236 fpm	142 fpm	236 fpm				
	43,2 m/min	72,0 m/min	43,2 m/min	72,0 m/min				
4000 (8-in drum standard speed)	122 fpm	203 fpm	122 fpm	203 fpm				
	37,1 m/min	61,8 m/min	37,1 m/min	61,8 m/min				
4000 (10-in drum high speed)	150 fpm	203 fpm	150 fpm	203 fpm				
	45,7 m/min	61,8 m/min	45,7 m/min	61,8 m/min				
6000 (11-in drum high speed)					128 fpm		205 fpm	
					39,0 m/min		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		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	30,245 lb	33,400 lb	33,335 lb	34,309 lb
	10 768 kg	13 478 kg	15 182 kg	15 152 kg	15 595 kg
				(30.5 x 32 tires)	

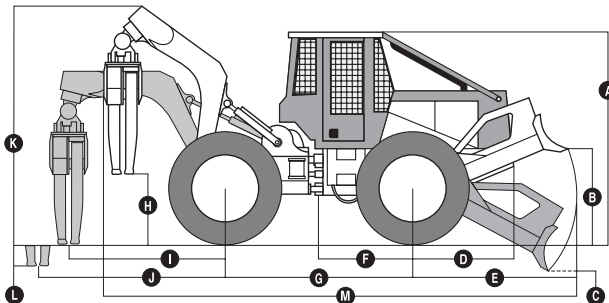
JOHN DEERE G-III SERIES GRAPPLE SKIDDERS

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

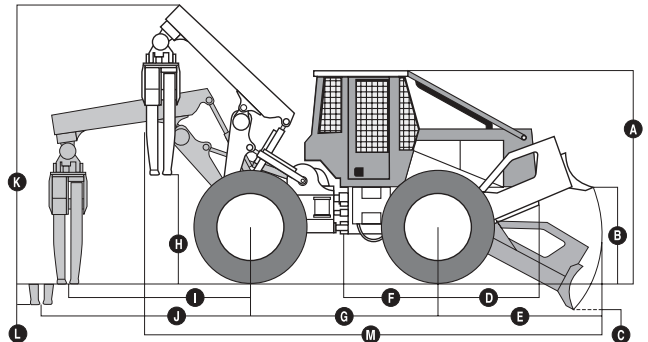
*Add 6.3-in 160 mm when equipped with water tank
[†]Dual-function machine features a 12-ft 1-in 3 680 mm wheelbase

GRAPPLE

	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

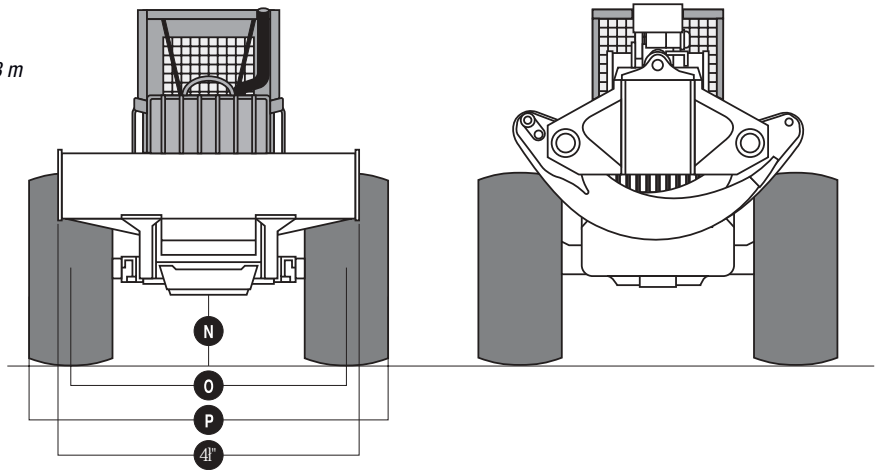
Tire Size	23.1-26	28L-26	24.5-32	23.1-26 (narrow gauge)	28L-26 (narrow gauge)	24.5-32 (narrow gauge)
N Ground Clearance	19.6-in 498 mm	20.2-in 514 mm	23.5-in 598 mm	19.6-in 498 mm	20.2-in 514 mm	23.5-in 598 mm
O Wheel Tread	7-ft 3-in 2,21 m	7-ft 6-in 2,29 m	8-ft 2-in 2,49 m	6-ft 8.9-in 2,06 m	7-ft 2-in 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

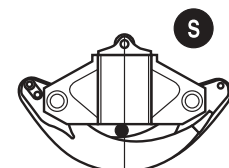
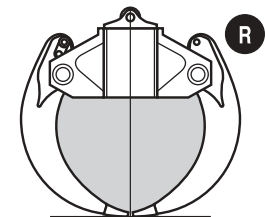
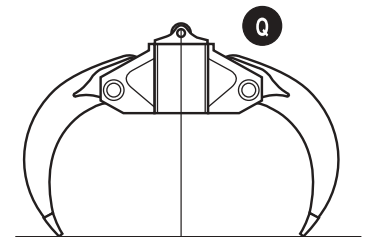
748G-III

STANDARD GRAPPLE HEAD

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 m ²	10.4 sq-ft 0,97 m ²	11.7 sq-ft 1,09 m ²
S Minimum Diameter Of Stem	5-in 24 mm	5.5-in 140 mm	5.2-in 132 mm

HIGH-CAPACITY GRAPPLE HEAD

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 m ²	14.9 sq-ft 1,38 m ²
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	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

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	

540G-III

640G-III

WINCH

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	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)			45,357 lb 203 kN	28,307 lb 126 kN	
Line Speed @ 2,200 rpm,					
0.625-in 15,8 mm cable	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		
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.]

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

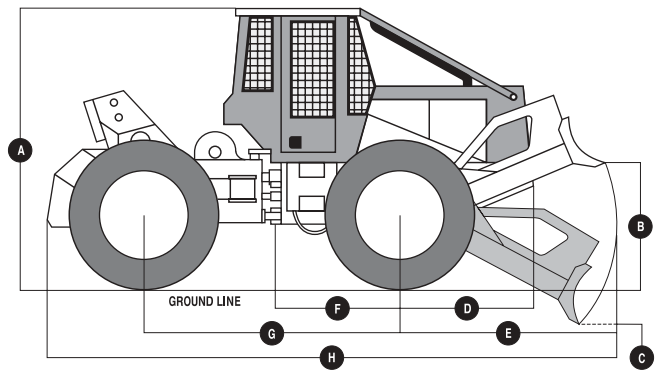
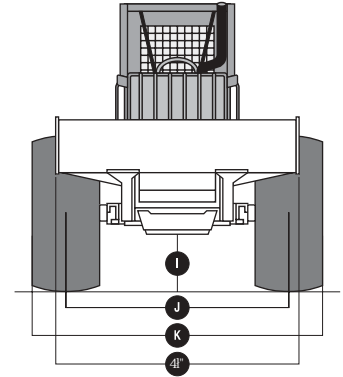
OPERATING WEIGHTS

Standard Equipment	22,780 lb 10 355 kg (23.1 x 26 tires)	30,025 lb 13 648 kg (30.5 x 32 tires)
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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 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
J Wheel Tread	7-ft 3-in 2,21 m	7-ft 6-in 2,29 m	7-ft 9.5-in 2,38 m	6-ft 9-in 2,06 m	7-ft 2-in 2,18 m	7-ft 0.5-in 2,15 m
K Overall Width	9-ft 2-in 2,79 m	9-ft 10-in 3,00 m	9-ft 10-in 3,00 m	8-ft 8-in 2,64 m	9-ft 6-in 2,90 m	9-ft 1-in 2,77 m
Turning Radius Over Tires	17-ft 11-in 5,47 m	18-ft 1-in 5,51 m	18-ft 0-in 5,48 m	17-ft 6-in 5,33 m	17-ft 11-in 5,50 m	17-ft 7-in 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 498 mm	20.2-in 514 mm	23.5-in 598 mm	24.2-in 615 mm	19.6-in 498 mm	20.2-in 514 mm	23.5-in 598 mm
J Wheel Tread	7-ft 3-in 2,21 m	7-ft 6-in 2,28 m	7-ft 9.5-in 2,38 m	7-ft 8.5-in 2,35 m	6-ft 9-in 2,06 m	7-ft 2-in 2,18 m	7-ft 0.5-in 2,15 m
K Overall Width	9-ft 2-in 2,79 m	9-ft 10-in 3,00 m	9-ft 10-in 3,00 m	10-ft 3-in 3,12 m	8-ft 8-in 2,64 m	9-ft 6-in 2,90 m	9-ft 1-in 2,77 m
Turning Radius Over Tires	18-ft 3-in 5,50 m	18-ft 7-in 5,60 m	18-ft 7-in 5,60 m	18-ft 9-in 5,70 m	17-ft 11-in 5,40 m	18-ft 4-in 5,60 m	18-ft 2-in 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
Floor mat
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 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 with integral 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.

SKIDDERS

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



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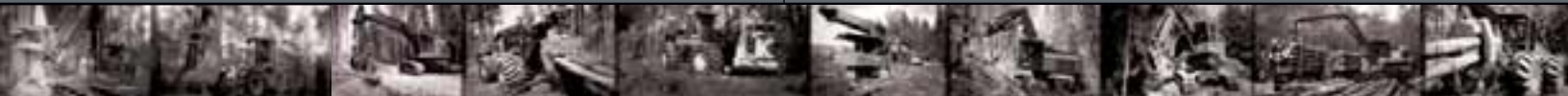
in John Deere Credit, committed to helping loggers succeed with competitive financing to enhance cash flow. And they mean a global forestry equipment leader that invests more in R & D than any other manufacturer.

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