

TRACK HARVESTERS

703G 753G 759G

ADVANCED HARVESTING SYSTEM ▶

HARVESTING ▼

TRANSPORTING



DON'T LET ITS SIZE FOOL YOU.

The 700 Series compact harvesters give you mobility with big-tree strength, and work just as productively in dense stands as they do in final felling.



ADVANCED HARVESTING SYSTEMS

HARVESTING



TRANSPORTING



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



These harvesters may be compact in size, but they're huge in productivity. From the compact 703G to the next-generation 759G with Shift-Tilt™, the 700 Series harvesters feature long reach and a choice of heads to match your operating needs for fast, high-volume output. Comfortable cab design keeps your operator happy and productive.

Forest-tested hydraulics and undercarriages give you the reliability to keep you in the woods longer. Highly efficient, electronic John Deere engines produce more wood per gallon than prior models. That all adds up to a line of compact harvesters that give you big-time productivity.

HARVESTERS THAT ARE FEATURE-BU

TRACK HARVESTERS

703G 753G 759G



Standard, factory-installed 762C head works efficiently and reliably in both thinning and regeneration harvesting, felling trees up to 25.6-in. (650 mm) in diameter.

Electronically controlled, fuel-injected John Deere Tier II 6081H engine delivers power-on-demand for higher torque at lower rpms, with lower fuel consumption, too.

360° continuous rotation on the 759G offers no limit stops and no hose unwinding, letting your operator focus on production, and placing bunches for easiest removal.

ULT.

90 M

Boom design gives a wide cutting swath, boasting a long 32-ft. 6-in. (9.9 m) reach with Teleboom extended.

Tall and wide, the cab is isolated and rubber mounted for reduced sound levels, with HVAC option for improved air flow, removable skylight, and improved sightline to gauges.

Shift-Tilt™ technology on the 759G provides four-way leveling—the industry's most stable platform for cutting on difficult slopes.

Purpose-built, incredibly durable, high-tractive effort undercarriages offer high ground clearance, and open car body design helps reduce snow and debris accumulation.

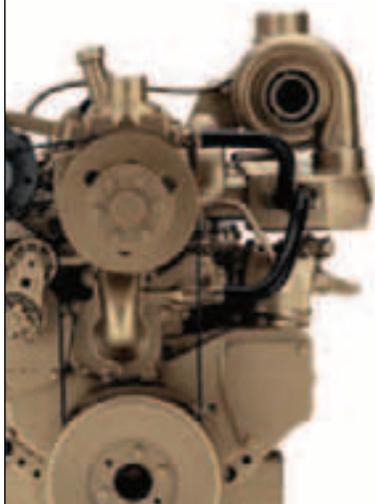
Large tapered roller bearings and linkage cut from solid-stock steel provides industry-leading levels of reliability and durability.

VOLUME. VOLUME. VOLUME.

Get the most out of every day with a John Deere harvester—more power, more performance, more comfort.

At the end of the day, it's all about volume. The 700 Series harvesters have the features you want to increase your productivity. A John Deere 6081H engine with electronically controlled fuel injection gives you all the torque you need, when you need it, with excellent response to keep you producing. You can harvest more wood, faster, with easier load-starting, better low-speed driveability and superior lugging power.

Keep your operator comfortable and naturally he will be more productive. Our best-in-class cabs feature a plush, fully adjustable suspension seat with armrest-mounted joysticks and fingertip toggle switches. The cab is isolation mounted to reduce noise, vibration and operator fatigue. And it's big, with plenty of legroom and loads of storage



The John Deere Tier II 6081H diesel engine sustains full hydraulic flow at peak demand. It's quieter, too, with isolation mounting and low-restriction mufflers.



High output A/C and heating, with filtered air intake, keep your operator comfortable year round.

A molded console allows for even greater low-line visibility with easy-to-read backlit gauges.

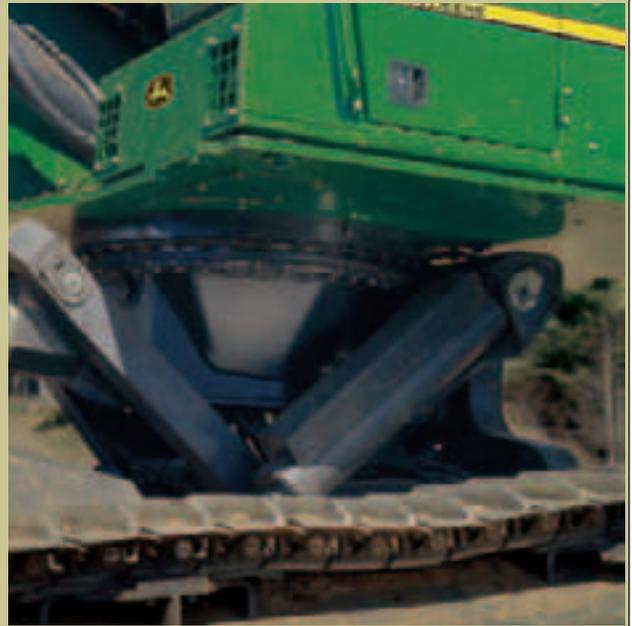
The cab gives the operator a view of the work area with clear sight lines front, back, sides and overhead to the treetops.



Seals, debris guards and deflectors with large clean-out ports at the turntable and boom mount keep out harmful contaminants and extend machine life.

BUILT AS TOUGH AS THE WOODS.

Designed to be reliable in the toughest conditions day-in-and-day-out.



Direct cooling keeps the top of the liner and cylinder head cooler and helps the engine last longer.

Thanks to heavy-duty, solid-block components and the elimination of high-maintenance parts, the Shift-Tilt™ mechanism on the 759GH gives you unmatched uptime.

Built to keep you in the woods, the John Deere 700 Series harvesters feature stronger components and smarter designs to perform like never before. The turbocharged 6081H diesel engine block is built for long-term reliability in the toughest terrain. Heavy-duty, high-capacity oil and water pumps and cylinder liners are hardened for extended life and are easily replaced. Underneath you'll find a purpose-built undercarriage for high ground clearance and ramp angle for excellent mobility. Outside, the cooling system is designed to handle the most extreme conditions. It's protected behind a hinged door and prescreen to extend machine life.

703G

TRACK HARVESTERS

703G 753G 759G



THE COMPACT HARVESTER THAT CAN DO A LOT.

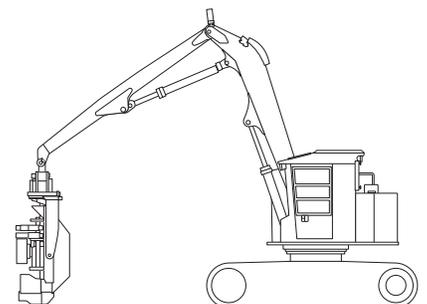
With its compact size, near-zero tail-swing and go-anywhere mobility, the 703G is productive in a variety of conditions.



Wherever you need to go, the heavy-duty high-walker undercarriage with 30-in. (762 mm) ground clearance will get you there. It's built to stand up to the punishment with eight oversize tractor rollers on each side with larger retaining bolts and track drive motors with integral disc brakes. The near-zero tail-swing lets you get into dense stands and still have room to maneuver. Even at the full 32-ft. 6-in. (9,9 m) reach, the strong boom set gives you the ability to handle larger wood.

Common components throughout the 700 Series harvesters keep your operating costs low.

Strong recoil assemblies maintain track tension and forestry-tough track guards protect them.



753G

TRACK HARVESTERS

703G 753G 759G



A LITTLE MORE MAKES A BIG DIFFERENCE.

The 753G harvester gives you the added power, with more tractive effort and stability to process large, heavily limbed trees.

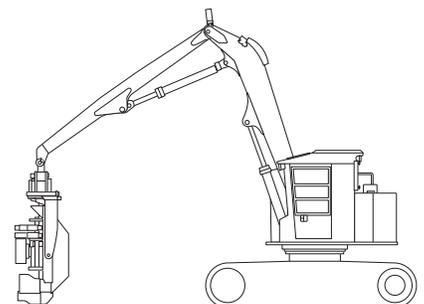
The 241 hp (180 kW) version of the 6081H diesel engine will give you all the power and strength you need to handle large wood. Deep reduction drives increase the 753G's tractive effort. Combine that with 29-in. (74 cm) ground clearance, a wider stance and lower center of gravity and you have the confidence to go anywhere—even over the most difficult ground.

The undercarriage is built forest-tough with a heavy-duty welded car body with double flange tractor rollers for reliability and lower operating costs. They're the little things that give your operation a huge performance boost.



Near-zero tail-swing over the rear with only 10-in. (250 mm) over the side of standard tracks.

Load-sensing hydraulics and innovative valve design allow you to easily handle more than one function at a time.



759G

TRACK HARVESTERS

703G 753G 759G

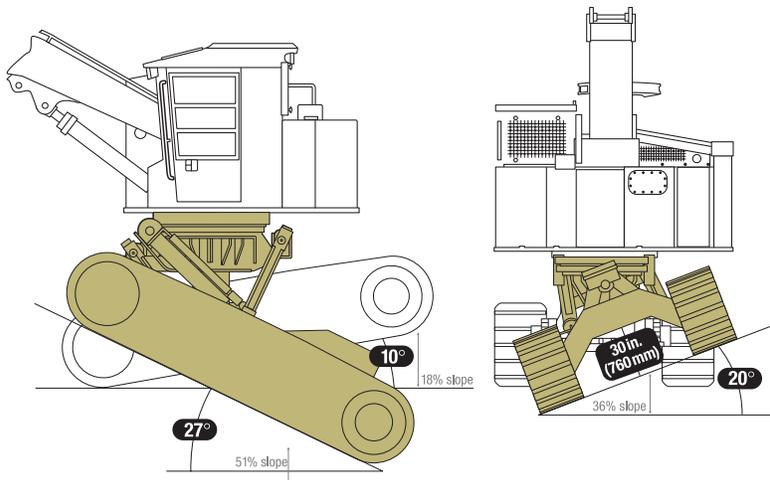


DEFY GRAVITY.

The redesigned four-way Shift-Tilt™ leveling system turns gravity into your advantage.

The new 759G incorporates all the power, stability and tractive effort benefits of the 753G and adds the innovative four-way Shift-Tilt leveling system for the ultimate harvester in steep slope applications. The patented four-bar linkage system on the Shift-Tilt system uses unequal-length front and rear links. So as the twin leveling cylinders extend, the upper tilts and moves forward on a horizontal line, shifting the center of gravity over the tracks.

That gives you the same reach and lift capacity in any direction as a level ground machine, even downhill. With the 360° continuous rotation feature, your operator can focus on processing wood and not stops and starts.



The cab tilts 27° forward (51% slope), 20° side-to-side (36% slope) and 10° rear (18% slope) for optimal leverage.

Tilt links and main pivot components are cut from solid-block steel and large high-load-capacity, tapered roller bearings are used for extended component life.

Front and rear undercarriage links are equipped with slack adjusters, eliminating the need to constantly re-shim for easier maintenance and better durability.

The 759G gives excellent lift throughout the cutting swath with any attachment.

LESS TIME. LESS FUEL. LESS MONEY OUT OF YOUR POCKET.

The combination of fast, easy servicing with lower fuel and fluid consumption keeps your operating costs low and your equipment working.



An optional reversible fan purges debris from coolers, which extends the engine's life and makes it run more efficiently.

When it comes to daily servicing, we designed the 700 Series harvesters to be the most accessible in their class. By designing all the main service points on only one side, with ground-level access to grease points and bulkhead connections for wiring and harnesses, routine maintenance is quick and efficient.

To further keep your daily operating costs in check, especially with fuel prices going through the roof, the electronically controlled, fuel-injected 6081H engine uses less fuel—2.6% less than the prior model, when running at 2,000 rpm. At the end of the year that adds up to a lot.



Debris clean-out and scheduled servicing is faster with the hydraulically opened engine enclosure and easier with work platform access.

With deflectors on top of the cab and at the back of the main boom, debris buildup is minimized.

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.



THE PERFECT COMBINATION.

A harvester is only as good as the head attached to it. The standard factory-installed 762C lives up to its expectations. In both thinning and regeneration harvesting in large diameter trees, the 762C can fell trees up to 25.6 in. (650 mm) in diameter.

The 700 Series harvesters are factory-engineered to accept the optional Waratah HTH620 and HTH622B harvesting heads. The HTH620 has a maximum cutting diameter of 24.5 in. (620 mm) and delimits up to 22.8 in. (580 mm) easily with four fully synchronized feed motors. The HTH622B's maximum cutting diameter is 30 in. (762 mm) and up to 25.5 in. (647 mm) for delimiting.

The available measuring and control systems are easy to use and allow you to choose from many pre-selections for tree species. They then manage the process with automatic feed start, roller pressure adjustments, accurate measuring and crosscutting control.



The HTH620 is ideal for applications where 80% of the trees are 16-in. (40 cm) in diameter or less. Highly productive in thinning or regenerative harvesting in both hardwood and large diameter softwood.



27-in (685 mm) saw bar on the 762C automatically extends only far enough to complete the cut, reducing the chance for damage while felling. Powerful feed rollers handle the tree gently, and superior delimiting is handled with four moving and two fixed delimiting knives.

OPERATOR'S STATION

Air conditioner (R134a refrigerant)
 Fire extinguisher, 10 lb 4,5 kg
 Floor mat
 Forestry cab with integral ROPS, FOPS and OPS protective structures
 Gauges, with backlighting: Engine coolant temperature / Fuel level / Hourmeter / Hydraulic oil temperature / Tachometer
 Gauge Diagnostics for: % Engine load / Engine oil pressure / Fuel consumption / Active and stored service codes / plus many more
 Rotary throttle control
 Headliner
 Heater, 40,000 BTU
 Horn system warning for: High hydraulic oil temperature plus all major engine faults
 Indicator light display module: Hydraulic filter restriction / Hydraulic oil reservoir level / Alternator charge / Low engine coolant level / Low pump inlet pressure / Intake restriction
 12V power point
 Interior light
 Lockable cab door
 Low-effort pilot-operated controls
 Operator manual storage
 Reverse-slope front window
 Seat armrest height adjustment
 Seat backrest angle adjustment
 Seat belt, 3-in 76 mm wide
 Seat, fabric-covered, deluxe knee-action suspension
 Seat, independent adjustments to control levers and propel pedals
 Seat suspension weight adjustment
 Secondary exits (rear cab and treetop windows)
 Tinted polycarbonate windows
 Treetop window

STANDARD EQUIPMENT

Engine

John Deere 6081H, Tier II emissions certified, turbocharged, 6 cylinder
 Air filters, dual stage, dry type, aspirated
 Antifreeze
 Electric fuel shutoff
 Engine compartment service lights (3)
 Fuel filters, dual stage with water separator

STANDARD EQUIPMENT (CONTINUED)

Isolation-mounted engine
 Muffler, low restriction
 Oil drain shutoff for spill-free oil changes
 Oil filter, full flow, top load element type
 Oil-to-water engine oil cooler, full flow with bypass
 Spill-free fuel filter change
 Suction-type cooling fan, enclosed with guard
Hydraulic System
 Adaptable to: Accumulating bar saws / Directional bar saws / Harvesting/Processing heads
 Fill-through hand pump with filter
 Hydraulic filter restriction indicator light
 Hydraulic reservoir low oil level indicator light
 Oil cooler, heavy-duty
Undercarriage
 Heavy-duty one-piece purpose-built forestry undercarriage frame
 Propel drives: Fully enclosed propel-drive motors / Motion warning alarm / Planetary type with sealed, wet multi-disc brakes / Two speed, operator selectable
 Tow hooks, front and rear (703G and 753G only)
 Track chain, 7.48-in 190 mm pitch, heavy-duty (703G only)
 Track chain, 8.00-in 203 mm pitch, heavy-duty (753G and 759G only)
 Track guides, full length, integral
 Track shoes, 24-in 610 mm double-bar grouser, heavy-duty, open center (703G and 753G only)
 Track shoes, 24-in 610 mm single-bar grouser, clipped corner, heavy-duty, open center (759G only)
 Toolbox (759G only)
Upperstructure
 Hydraulically operated enclosure
 Integral forestry guarding
 Lockable: Fuel cap / Hydraulic reservoir
Front
 Heavy-duty box-constructed boom and arm
 Purpose-built, specialized geometry for maximum cutting sweep
 Remote lubrication for boom-to-arm pin
 Sealed pins and bushings

Electrical

24-volt
 24- to 12-volt converter
 Alternator, 80 amp
 Battery disconnect, automatic
 Dual, heavy-duty, low-maintenance batteries
 Work lights (8) twin-power halogen lights

Heads

See your Waratah dealer for further information
 762C Harvesting Head with Management System on telescopic boom

OPTIONAL EQUIPMENT

Engine

Reversing fan system

Hydraulic System

Adaptable to continuous disc saws*
 Hydraulic reservoir heater

Undercarriage

Track shoes, 24-in 610 mm single-bar grouser, clipped corner, heavy-duty, open center (703G and 753G only)

Track shoes, 28-in 710 mm single-bar grouser, clipped corner, heavy-duty, open center (753G and 759G only)

Track shoes, 30-in 760 mm double-bar grouser, heavy-duty, open center

Track shoes, 36-in 914 mm triple-bar grouser, heavy-duty, open center (703G and 753G only)

Top rollers in lieu of slides (required for 36-in 914 mm shoes on 703G and 753G)

Upperstructure

Automatic fire-suppression system

Counterweight, 2,000 lb 907 kg (703G and 753G only)

*See your John Deere dealer for further information.

Specifications and design subject to change without notice and without incurring any obligation to make such changes on machines manufactured previously. Wherever possible, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on the machines with standard equipment. Some items shown are optional and may not be available in all markets. Errors and omissions excepted.

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

TECHNICAL DATA 703G 753G 759G

ENGINE

	703G Standard	753G Standard	759G Standard
Type.....	John Deere 6081H, Tier II emissions certified, turbocharged	John Deere 6081H, Tier II emissions certified, turbocharged	John Deere 6081H, Tier II emissions certified, turbocharged
Rated Power @ 2,000 rpm	181 SAE gross hp <i>135 kW</i>	241 SAE gross hp <i>180 kW</i>	241 SAE gross hp <i>180 kW</i>
Cylinders	6	6	6
Displacement	492 cu-in <i>8,1 L</i>	492 cu-in <i>8,1 L</i>	492 cu-in <i>8,1 L</i>
Maximum Net Torque @ 1,400 rpm	678 lbf <i>920 Nm</i>	907 lbf <i>1 230 Nm</i>	907 lbf <i>1 230 Nm</i>
Air Cleaner	Two-stage, aspirated with safety element	Two-stage, aspirated with safety element	Two-stage, aspirated with safety element
Cooling System	Heavy-duty radiator	Heavy-duty radiator	Heavy-duty radiator
Cooling Fan	Suction-type	Suction-type	Suction-type
Electrical System	24-volt with 80-amp alternator	24-volt with 80-amp alternator	24-volt with 80-amp alternator
Batteries (Two 12 Volt)	950 cold cranking amps, 185 min reserve each	950 cold cranking amps, 185 min reserve each	950 cold cranking amps, 185 min reserve each

HYDRAULIC SYSTEM

	Telescopic Boom	Telescopic Boom/Fixed Stick	Telescopic Boom/Fixed Stick
Main Pumps	Two variable-displacement axial pistons	Two variable-displacement axial pistons	Two variable-displacement axial pistons
Maximum Rated Flow	2 x 40 gpm <i>2 x 151 L/min</i>	2 x 40 gpm <i>2 x 151 L/min</i>	2 x 40 gpm <i>2 x 151 L/min</i>
Main Attachment Pump	One variable-displacement axial piston pump	One variable-displacement axial piston pump	One variable-displacement axial piston pump
Maximum Rated Flow	1 x 37 gpm <i>1 x 140 L/min</i>	1 x 37 gpm <i>1 x 140 L/min</i>	1 x 37 gpm <i>1 x 140 L/min</i>
Supplemental Attachment Pump	N/A	(TB) N/A (FS) 1 x 22.6 gpm <i>1 x 86 L/min</i>	(TB) N/A (FS) N/A <i>1 x 22.6 gpm 1 x 86 L/min</i>
Oil Filtration	Two five-micron return filters with bypass	Two five-micron return filters with bypass	Two five-micron return filters with bypass

UNDERCARRIAGE

Track Chain Pitch	7.48-in <i>190 mm</i>	8.0-in <i>203 mm</i>	8.0-in <i>203 mm</i>
Carrier Slides (Per Side)	Two bolt-on	Two bolt-on	Two bolt-on
Track Rollers (Per Side)	8 tractor type	8 tractor type	8 tractor type
Track Guides	Integral	Integral	Integral
Track Adjustment	Hydraulic	Hydraulic	Hydraulic
Travel Speed, Forward And Reverse			
High	0–3.0 mph <i>0–4,8 kph</i>	0–2.5 mph <i>0–4,0 kph</i>	0–2.5 mph <i>0–4,0 kph</i>
Low	0–1.5 mph <i>0–2,4 kph</i>	0–1.1 mph <i>0–1,8 kph</i>	0–1.1 mph <i>0–1,8 kph</i>
Travel Brakes	Sealed, wet multi-disc; automatic application; integral with track drive gear boxes	Sealed, wet multi-disc; automatic application; integral with track drive gear boxes	Sealed, wet multi-disc; automatic application; integral with track drive gear boxes
Tractive Effort	43,193 lb <i>192 kN</i>	53,550 lb <i>238 kN</i>	53,550 lb <i>238 kN</i>

CYLINDERS

	Telescopic Boom		Telescopic Boom Fixed Stick		Telescopic Boom Fixed Stick	
Bore						
Boom (1)	6-in <i>152 mm</i>	6-in <i>152 mm</i>	6-in <i>152 mm</i>	6-in <i>152 mm</i>	6-in <i>152 mm</i>	6-in <i>152 mm</i>
Arm (1)	5-in <i>127 mm</i>	5-in <i>127 mm</i>	5-in <i>127 mm</i>	5-in <i>127 mm</i>	5-in <i>127 mm</i>	5-in <i>127 mm</i>
Telescopic Boom (1)	3.25-in <i>83 mm</i>	3.25-in <i>83 mm</i>	N/A	3.25-in <i>83 mm</i>	N/A	3.25-in <i>83 mm</i>
Cab Leveling				7 in <i>178 mm</i>		7 in <i>178 mm</i>
Rod Diameter						
Boom (1)	3.5-in <i>89 mm</i>	3.5-in <i>89 mm</i>	3.5-in <i>89 mm</i>	3.5-in <i>89 mm</i>	3.5-in <i>89 mm</i>	3.5-in <i>89 mm</i>
Arm (1)	3-in <i>76 mm</i>	3-in <i>76 mm</i>	3-in <i>76 mm</i>	3-in <i>76 mm</i>	3-in <i>76 mm</i>	3-in <i>76 mm</i>
Telescopic Boom	2 in <i>51 mm</i>	2 in <i>51 mm</i>	N/A	2-in <i>51 mm</i>	N/A	2-in <i>51 mm</i>
Cab leveling (2)				4-in <i>102 mm</i>		4-in <i>102 mm</i>
Stroke						
Boom (1)	44.5-in <i>1 130 mm</i>	44.5-in <i>1 130 mm</i>	44.5-in <i>1 130 mm</i>	44.5-in <i>1 130 mm</i>	44.5-in <i>1 130 mm</i>	44.5-in <i>1 130 mm</i>
Arm (1)	40.5-in <i>1 029 mm</i>	40.5-in <i>1 029 mm</i>	44.5-in <i>1 130 mm</i>	40.5-in <i>1 029 mm</i>	44.5-in <i>1 130 mm</i>	40.5-in <i>1 029 mm</i>
Telescopic Boom	96-in <i>2 438 mm</i>	96-in <i>2 438 mm</i>	N/A	96-in <i>2 438 mm</i>	N/A	96-in <i>2 438 mm</i>
Cab Leveling (2)				31.25-in <i>79 mm</i>		31.25-in <i>79 mm</i>

SWING MECHANISM

Rotation	Continuous 360 degrees	Continuous 360 degrees	Continuous 360 degrees
Swing Speed	6.1 rpm (maximum)	6.1 rpm (maximum)	6.1 rpm (maximum)
Swing Brake	Sealed wet multi-disc	Sealed wet multi-disc	Sealed wet multi-disc

GROUND PRESSURE DATA

All ground pressures with standard equipment.

	703G Telescopic Boom with Model 762C	753G Telescopic Boom with Model 762C	Fixed Stick without attachment	759G Telescopic Boom with Model 762C	Fixed Stick without attachment
Double Grouser, Heavy-Duty 24 in 610 mm.....	6.8 psi 47 kPa.....	7.1 psi 49 kPa.....	6.7 psi 46 kPa.....	8.0 psi 55 kPa.....	7.6 psi 52 kPa
Single Grouser, Clipped Corner, Heavy-Duty 24 in 610 mm.....	6.8 psi 47 kPa.....	7.0 psi 48 kPa.....	6.6 psi 46 kPa.....	8.0 psi 55 kPa.....	7.6 psi 52 kPa
28 in 710 mm.....		6.1 psi 42 kPa.....	5.8 psi 40 kPa.....	6.9 psi 48 kPa.....	6.6 psi 45 kPa
Double Grouser, Heavy-Duty 30 in 760 mm.....	5.6 psi 39 kPa.....	5.8 psi 40 kPa.....	5.5 psi 38 kPa		
Triple Grouser, Heavy-Duty 36 in 914 mm*.....	4.8 psi 33 kPa.....	5.0 psi 34 kPa.....	4.7 psi 33 kPa		

*Recommended for soft terrain only.

CAPACITIES

	703G	753G	759G
Fuel Tank.....	154 gal 584 L.....	154 gal 584 L.....	154 gal 584 L
Cooling System.....	10.2 gal 38,5 L.....	10.2 gal 38,5 L.....	10.2 gal 38,5 L
Engine Lubrication, Including Filter.....	29.5 qt 28 L.....	29.5 qt 28 L.....	29.5 qt 28 L
Hydraulic Reservoir Capacity.....	52 gal 197 L.....	52 gal 197 L.....	52 gal 197 L
Swing Gear Box.....	4.6 qt 4,5 L.....	4.6 qt 4,5 L.....	4.6 qt 4,5 L
Track Drive Gear Box (Each).....	5.0 qt 4,8 L.....	5.0 qt 4,8 L.....	5.0 qt 4,8 L

OPERATING WEIGHTS

	703G Telescopic Boom	753G Telescopic Boom	Fixed Stick	759G Telescopic Boom	Fixed Stick
Standard Equipment, Without Typical Head—24-in 610 mm					
Track Shoes.....	42,395 lb 19 270 kg..... (Long main boom)	47,790 lb 21 722 kg..... (Long main boom)	47,890 lb 21 768 kg..... (Long main boom)	54,470 lb 24 759 kg..... (Short main boom)	54,480 lb 24 763 kg..... (Long main boom)
Model 762C Standard Harvesting Head.....	2,930 lb 1 331 kg.....	2,930 lb 1 331 kg.....	N/A.....	2,930 lb 1 331 kg.....	N/A
Standard Equipment With Harvesting Head.....	45,325 lb 20 601 kg.....	50,720 lb 23 053 kg.....	N/A.....	57,400 lb 26 090 kg.....	N/A
Counterweight (optional).....	2,000 lb 892 kg.....	2,000 lb 909 kg.....	2,000 lb 909 kg.....	N/A.....	N/A

ALTERNATE HARVESTING HEAD INSTALLATION GUIDELINES

	703G Telescopic Boom	753G Telescopic Boom	Fixed Stick	759G Telescopic Boom	Fixed Stick
Maximum Head Weight, Including Rotator and Link.....	3,200 lb 1 450 kg.....	3,200 lb 1 450 kg.....	5,100 lb 2 310 kg.....	3,200 lb 1 450 kg.....	5,100 lb 2 310 kg
Maximum Hydraulic Flow Supplied by Carrier.....	67 gpm @ 3,200 psi..... 254 L/min @ 220 bar	67 gpm @ 3,200 psi..... 254 L/min @ 220 bar	100 gpm @ 2,973 psi..... 378 L/min @ 205 bar	67 gpm @ 3,200 psi..... 254 L/min @ 270 bar	100 gpm @ 2,973 psi..... 378 L/min @ 205 bar

*Contact your Deere dealer for information on authorized installations of harvesting/processing accumulating bar-type, and directional bar-type saws.

OPERATING INFORMATION

	703G Telescopic Boom with Model 762C	753G Telescopic Boom with Model 762C	Fixed Stick without attachment	759G Telescopic Boom with Model 762C	Fixed Stick with typical head
Maximum Cutting Radius.....	32-ft 6-in 9,91 m.....	32-ft 6-in 9,91 m.....	26-ft 11-in 8,20 m.....	31-ft 2-in 9,49 m.....	26-ft 7-in 8,10 m
Minimum Cutting Radius.....	8-ft 8-in 2,65 m.....	8-ft 8-in 2,65 m.....	9-ft 8-in 2,94 m.....	9-ft 11-in 3,03 m.....	9-ft 1-in 2,77 m
Cutting Sweep.....	23-ft 10-in 7,26 m.....	23-ft 10-in 7,26 m.....	17-ft 3-in 5,26 m.....	21-ft 3-in 6,46 m.....	17-ft 6-in 5,26 m
Tail Swing					
Over Idler.....	0-in 0 m.....	0-in 0 m.....	0-in 0 m.....	0-in 0 m.....	0-in 0 m
Over Side With 24-in 610 mm Track Shoes.....	10-in 250 mm.....	10-in 250 mm.....	10-in 250 mm.....	12-in 310 mm.....	12-in 310 mm

HARVESTING HEAD

	762C	HTH620	HTH622B
Maximum Cutting Diameter.....	25.6-in 650 mm.....	24.5-in 620 mm.....	30-in 762 mm
Maximum Delimiting Diameter			
Knives Tip-to-Tip.....	16.9-in 430 mm.....	22-in 560 mm.....	25.5-in 647 mm
Feeding Mechanism			
Standard.....	Two rubber wheels and chains.....	Fully synchronized.....	Three feed rollers with synchronized hydraulic drive
Optional.....	Two spiked steel rollers.....	Rubber, thumb style, spike, bar, debarking.....	Rubber, thumb style, spike, bar, debarking
Delimiting Knives.....	Two fixed, four moving.....	Floating front knife plus two top delimit arms.....	Floating front knife plus two top delimit arms
Maximum Feed Speed.....	14.8-ft/sec 4,5 m/sec.....	14.8-ft/sec 4,5 m/sec.....	17.3-ft/sec 5,3 m/sec
Weight (Includes Complete Head With Rotator).....	2,930 lb 1 330 kg.....	4,862 lb 2 210 kg less link.....	4,673 lb 2 120 kg less link

Saw equipped with automatic chain tensioner system.

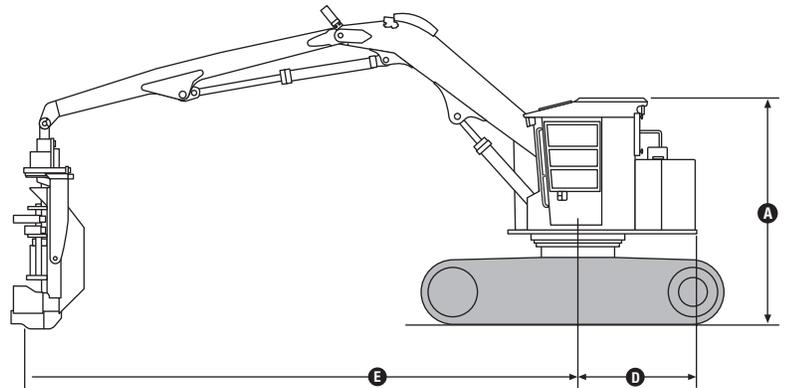
JOHN DEERE 703G AND 753G TRACK HARVESTERS

DIMENSIONS	703G	753G
A Overall Height	11-ft 2-in 3,40 m	11-ft 4-in 3,45 m
B Overall Track Length	13-ft 7-in 4,14 m	14-ft 6-in 4,42 m
C Track Length (Idler to Sprocket Center)	10-ft 5-in 3,18 m	11-ft 8-in 3,42 m
D Tail Swing (From Swing Center Line)	6-ft 0-in 1,83 m	6-ft 0-in 1,83 m
E Reach Maximum (With Typical Head)		
Telescoping Boom	32-ft 6-in 9,91 m	32-ft 6-in 9,91 m
Fixed Stick		26-ft 11-in 8,20 m
Minimum (with Typical Head)		
Telescoping Boom	8-ft 8-in 2,65 m	8-ft 8-in 2,65 m
Fixed Stick		9-ft 8-in 2,94 m
F Ground Clearance		
Single Grouser Shoes	30-in 762 mm	29-in 740 mm
Double or Triple Grouser Shoes	28-in 711 mm	27-in 690 mm
G Upperstructure Width	9-ft 8-in 2,94 m	9-ft 8-in 2,94 m
H Track Gauge	7-ft 7-in 2,30 m	8-ft 4-in 2,54 m
I Width Over Tracks		
With 24-in 610 mm Track Shoes	9-ft 7-in 2,91 m	10-ft 4-in 3,15 m
With 36-in 914 mm Track Shoes	10-ft 7-in 3,21 m	11-ft 4-in 3,45 m

703G & 753G HARVESTERS

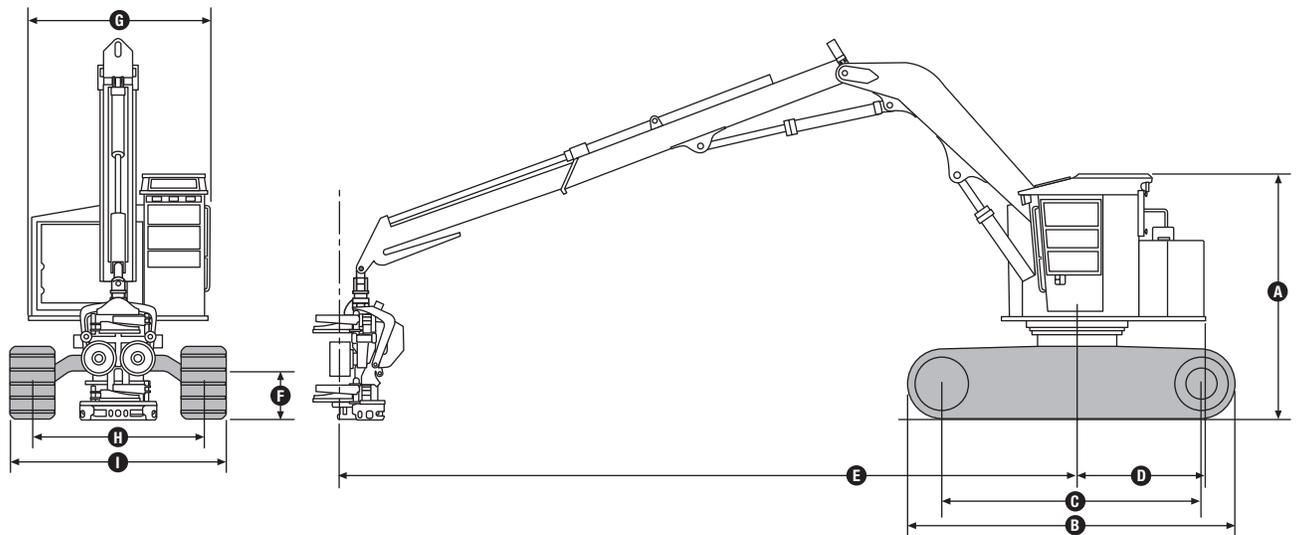
FIXED STICK

(Waratah model HTH620 shown for reference only)



TELESCOPIC BOOM

(Model 762C harvesting head shown for reference only)



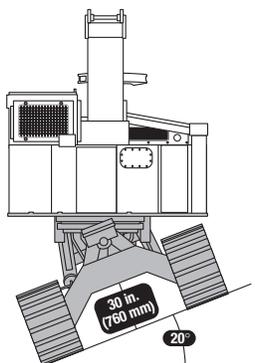
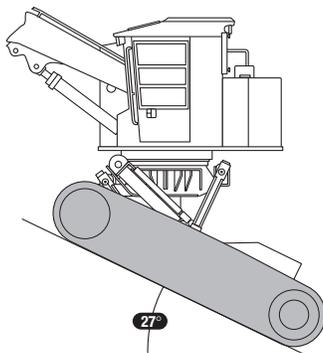
Machines not exactly as shown. Illustrations for dimensioning purposes only.

JOHN DEERE 759G TRACK HARVESTER

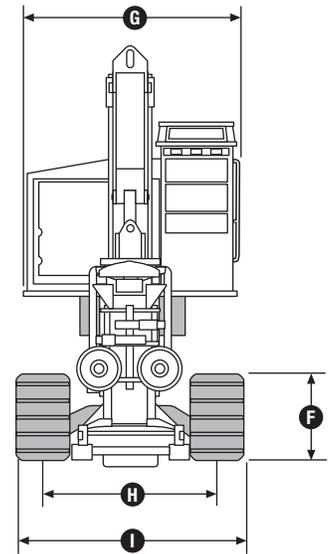
DIMENSIONS

759G

A Overall Height	12-ft 5-in 3,78 m
B Overall Track Length	14-ft 6-in 4,42 m
C Track Length (Idler to Sprocket Center)	11-ft 8-in 3,42 m
D Tail Swing (From Swing Center Line)	6-ft 0-in 1,83 m
E Reach Maximum (With Typical Head)	
Telescoping Boom	31-ft 2-in 9,49 m
Fixed Stick	26-ft 7-in 8,10 m
Minimum (With Typical Head)	
Telescoping Boom	9-ft 11-in 3,03 m
Fixed Stick	9-ft 1-in 2,77 m
F Ground Clearance Single Grouser Shoes	30-in 760 mm
G Upperstructure Width	9-ft 8-in 2,94 m
H Track Gauge	8-ft 0-in 2,43 m
I Width Over Tracks With 24-in 610 mm Track Shoes	10-ft 0-in 3,05 m
Cab-Levelling Capability	
Forward	27 degrees (51% slope)
Rear	10 degrees (18% slope)
Side-to-Side	20 degrees (36% slope)

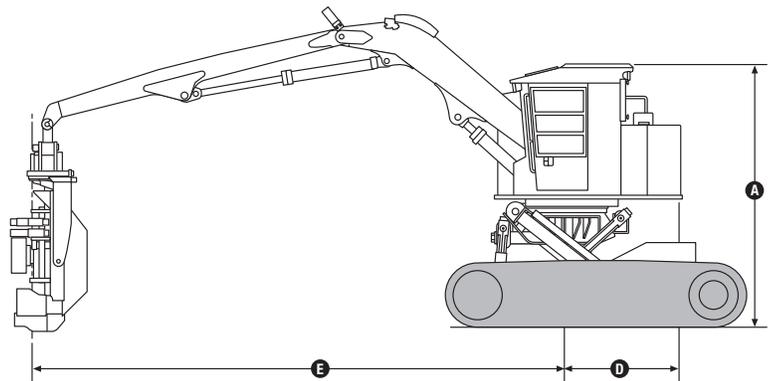


759G HARVESTER



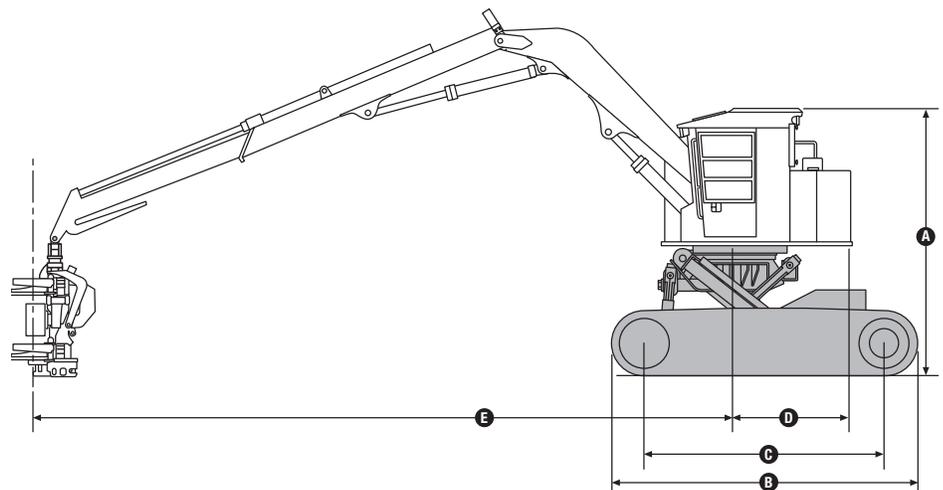
FIXED STICK

(Waratah model HTH620 shown for reference only)



TELESCOPIC BOOM

(Model 762C harvesting head shown for reference only)





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