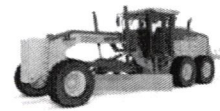




JOHN DEERE
772 G



JOHN DEERE
770 G

Emissions	Diesel T4 SV	Diesel T4 SV
Regions	USA Canada	USA Canada
Features		

DESCRIPTION

Machine		
Frame Type	Articulated	Articulated
Inching Pedal	✓	✓
Circle Type Design	Welded & Heat Treated	Welded & Heat Treated

TELEMATICS

Summary		
Available	✓	✓
Platform	JDLink Ultimate	JDLink Ultimate

Features		
Fleet Management	-	✓
Health Monitoring	-	✓
Security	-	✓

DRIVELINE

Power Source		
Engine		
Manufacturer	John Deere	John Deere
Model	PowerTech PSS 9.0L	PowerTech PSS 9.0L
Cylinders	6	6
Aspiration	Turbocharged	Turbocharged
Charged Air Cooling	Aftercooled	Aftercooled
EGR	✓	-
DOC	✓	-
DPF	✓	-

		JOHN DEERE 772 G	JOHN DEERE 770 G
SCR		✓	-
Cooling		Water	Water
Bore	mm [in]	118 [4.6]	118 [4.6]
Stroke	mm [in]	136 [5.4]	136 [5.4]
Displacement	L [in ³]	9 [548]	9 [549]
Net Rating Standard		Unlisted	Unlisted
Net Output	kW [hp]	205 [275]	190 [250]
Peak Engine Torque	Nm [lbf/ft]	1379 [1029]	1314 [980]
Torque Rise	%	50	54
Net Variable Power			
Gear 1	kW [hp]	164 [220]	149 [200]
Gear 2	kW [hp]	172 [230]	157 [210]
Gear 3	kW [hp]	183 [245]	168 [225]
Gear 4	kW [hp]	187 [250]	172 [230]
Gear 5	kW [hp]	194 [260]	179 [240]
Gear 6	kW [hp]	201 [270]	183 [245]
Gear 7	kW [hp]	205 [275]	187 [250]
Gear 8	kW [hp]	205 [275]	190 [255]

Transmission
Description

Drive Configuration	6 x 6	6 x 4
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Gearbox
Description

Manufacturer	John Deere	John Deere
Type	Powershift	Powershift
Forward Speeds	8	8
Reverse Speeds	8	8

Axles And Tracks
Steering Axle

Front Axle Type	Oscillating	Oscillating
Front Wheel Drive	✓	×
Ground Clearance - Front Axle	mm [in]	587 [23.1]
Axle Oscillation	± °	32
Front Wheel Lean	± °	20

Drive Axle

	JOHN DEERE 772 G	JOHN DEERE 770 G
Rear Axle Type	Tandem	Tandem
Differential Lock - Front / Rear	Automatic	Automatic
Number Of Axles	3	3
Number Of Driven Axles	3	2

Wheels And Tires
Wheels \ Tires

Tire Size - Standard	14.00 R24	14.00 R24
Tire Type - Std	Radial - G2 / L2, General Purpose	Radial - G2 / L2, General Purpose
Tire Size - Opt.1	14.00 - 24	14.00 - 24
Tire Type - Opt.1	Bias - 12PR, G2	Bias - 12PR, G2
Tire Size - Opt 2	17.5 - 25	17.5 - 25
Tyre Type - Option 2	Bias - 12PR G2 / L2	Bias - 12PR G2 / L2
Tire Size - Opt 3	14.00 R24	14.00 R24
Tyre Type - Option 3	Radial - G2 / L2, Snow	Radial - G2 / L2, Snow
Tire Size - Opt 4	17.5 R25	17.5 R25
Tyre Type - Option 4	Radial - L2, General Purpose	Radial - L2, General Purpose
Tire Size - Opt 5	17.5 R25	17.5 R25
Tyre Type - Option 5	Radial - G2 / L2, Snow	Radial - G2 / L2, Snow
Tire Size - Opt 6	17.5 R25	17.5 R25
Tyre Type - Option 6	Radial - G3 / L3, General Purpose	Radial - G3 / L3, General Purpose
Tire Size - Opt 7	550 / 65 R25	550 / 65 R25
Tyre Type - Option 7	Radial - G3 / L3, General Purpose	Radial - G3 / L3, General Purpose
Number Of Wheels	6	6

Brakes
Service

Type	Multiple Wet Discs	Multiple Wet Discs
Actuation	Hydraulic	Hydraulic
Dual Circuit Brakes	✓	✓
Parking		
Type	Wet Disc	Wet Disc
Actuation	Spring Applied / Hydraulic Release	Spring Applied / Hydraulic Release
Secondary Brake Type	Wet multi-disc	Wet multi-disc

DIMENSIONS
Transport Dimensions

		JOHN DEERE 772 G	JOHN DEERE 770 G
Length			
Overall Length	mm [ft]	8890 [29ft 2in]	8890 [29ft 2in]
Height			
Height Over ROPS	mm [ft]	3180 [10ft 5in]	3180 [10ft 5in]
Width			
Transport Width	mm [in]	2490 [98]	2490 [98]

Static Dimensions

Length			
Wheelbase	mm [ft]	6160 [20ft 3in]	6160 [20ft 3in]
Bladebase	mm [ft]	2570 [8ft 5in]	2570 [8ft 5in]
Tandem Axle Spacing	mm [ft]	1540 [5ft 1in]	1540 [5ft 1in]
Height			
Overall Height	mm [ft]	3180 [10ft 5in]	3180 [10ft 5in]
Height Over ROPS (Option)	mm [in]	-	3400 [134]
Moldboard Height	mm [in]	610 [24]	610 [24]
Ground Clearance	mm [in]	587 [23.1]	587 [23.1]
Ground Clearance - Tire Opt.1	mm [in]	-	587 [23.1]
Ground Clearance - Tire Opt. 2	mm [in]	-	587 [23.1]
Ground Clearance - Tire Opt. 3	mm [in]	-	587 [23.1]
Width			
Width Over Std Tires	mm [in]	2490 [98]	2490 [98]
Width Over Tires-opt 1	mm [in]	-	2490 [98]
Width Over Tires-opt 2	mm [in]	-	2640 [104]
Width Over Tires-opt 3	mm [in]	-	2490 [98]
Width Over Tires-opt 4	mm [in]	2640 [104]	2640 [104]
Width Over Tires-opt 5	mm [in]	2640 [104]	2640 [104]
Track Gauge - Front	mm [in]	2080 [82]	2080 [82]
Track Gauge - Rear	mm [in]	2080 [82]	2080 [82]
Width Of Tandem	mm [in]	2490 [98]	2490 [98]
Width - Moldboard	mm [ft]	3660 [12ft]	3660 [12ft]
Width - Top Frame	mm [in]	307 [12.1]	307 [12.1]
Width - Bottom Frame	mm [in]	307 [12.1]	307 [12.1]
Diameter			
Frame Circle Diameter	mm [in]	1524 [60]	1524 [60]
Thickness			
Thickness - Moldboard	mm [in]	22 [0.88]	22 [0.88]
Thickness - Cutting Edge	mm [in]	16 [0.62]	16 [0.62]

		JOHN DEERE 772 G	JOHN DEERE 770 G
Thickness - Top Frame	mm [in]	23[0.89]	23[0.89]
Thickness - Bottom Frame	mm [in]	23[0.89]	23[0.89]
Thickness - Frame Side Plate	mm [in]	16[0.63]	16[0.63]

Performance Dimensions
Dig Envelope

Ripper Penetration	mm [in]	426[16.8]	426[16.8]
Shank Mounting Positions		5	3
Number Of Ripper Shanks		3	5
Circle Centreshift - Right	mm [in]	787[31]	787[31]
Circle Centreshift - Left	mm [in]	787[31]	787[31]
Moldboard Sideshift - Right	mm [in]	683[26.9]	683[26.9]
Moldboard Sideshift - Left	mm [in]	683[26.9]	683[26.9]
Shoulder Reach - Right	mm [ft]	2083[6ft 10in]	2083[6ft 10in]
Shoulder Reach - Left	mm [ft]	2083[6ft 10in]	2083[6ft 10in]
Circle Rotation	°	360	360
Bank Angle	± °	90	90
Hydraulic Blade Tip - Forward	°	42	42
Hydraulic Blade Tip - Rearward	°	5	5
Moldboard - Lift Above Ground	mm [in]	490[19.3]	490[19.3]

Steering Envelope

Min Turning Radius	m [ft]	7.21[23ft 8in]	7.21[23ft 8in]
Frame Articulation	± °	22	22

CAPACITIES
Fluids

Fuel Tank	L [gallon (US)]	416.5[110]	416.5[110]
DEF Tank	L [gallon (US)]	22.5[6]	22.5[6]
Hydraulic Tank	L [gallon (US)]	60.5[16]	60.5[16]
Engine Oil	L [gallon (US)]	28.4[7.5]	28.4[7.5]
Tandem Housing	L [gallon (US)]	74[19.5]	74[19.5]
Cooling System	L [gallon (US)]	55[14.5]	55[14.5]

Electrical
Alternators

Output	A	130	130
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**JOHN DEERE
772 G**
**JOHN DEERE
770 G**
PERFORMANCE
Loadings
Axle

Front Axle	kg [lb]	4939 [10888]	4320 [9525]
Front Tire Loading	kg [lb]	2469.5 [5444]	2160 [4762.5]
Rear Axle / Tandem	kg [lb]	12592 [27760]	12095 [26665]
Rear Tire Loading	kg [lb]	3148 [6940]	3023.75 [6666.25]

Dynamic
Forward Speeds

Speed 1	kph [mph]	4 [2.5]	4 [2.5]
Speed 2	kph [mph]	5.6 [3.5]	5.6 [3.5]
Speed 3	kph [mph]	7.7 [4.8]	7.7 [4.8]
Speed 4	kph [mph]	10.9 [6.8]	10.9 [6.8]
Speed 5	kph [mph]	16.4 [10.2]	16.4 [10.2]
Speed 6	kph [mph]	23.2 [14.4]	23.2 [14.4]
Speed 7	kph [mph]	32.3 [20.1]	32.3 [20.1]
Speed 8	kph [mph]	45.5 [28.3]	45.5 [28.3]

Reverse Speeds

Speed 1	kph [mph]	4 [2.5]	4 [2.5]
Speed 2	kph [mph]	5.6 [3.5]	5.6 [3.5]
Speed 3	kph [mph]	7.7 [4.8]	7.7 [4.8]
Speed 4	kph [mph]	10.9 [6.8]	10.9 [6.8]
Speed 5	kph [mph]	16.4 [10.2]	16.4 [10.2]
Speed 6	kph [mph]	23.2 [14.4]	23.2 [14.4]
Speed 7	kph [mph]	32.3 [20.1]	32.3 [20.1]
Speed 8	kph [mph]	45.5 [28.3]	45.5 [28.3]

Electrical
Batteries

Batteries	Ah	224	224
System Voltage	V	24	24

Hydraulic
Pumps

Type		Variable Axial Piston	Variable Axial Piston
Flow	L/min [gallon]	212 [56]	212 [56]

		JOHN DEERE 772 G	JOHN DEERE 770 G
Flow	(US)/min]	212 [56]	212 [56]
Relief Pressure	kPa [psi]	18961 [2750]	18961 [2750]
Relief Pressure	bar [psi]	189.61 [2750]	189.61 [2750]

WEIGHTS
Static
Machine

Operating Weight	kg [lb]	17530 [38648]	12095 [26665]
Weight With Push Block And Ripper	kg [lb]	20500 [45195]	19425 [42825]
Max Operating Weight	kg [lb]	24948 [55000]	24948 [55000]