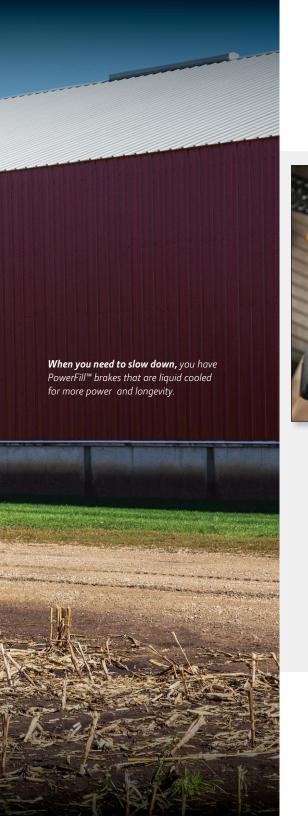
6M Series

110–195 Engine Horsepower Tractors



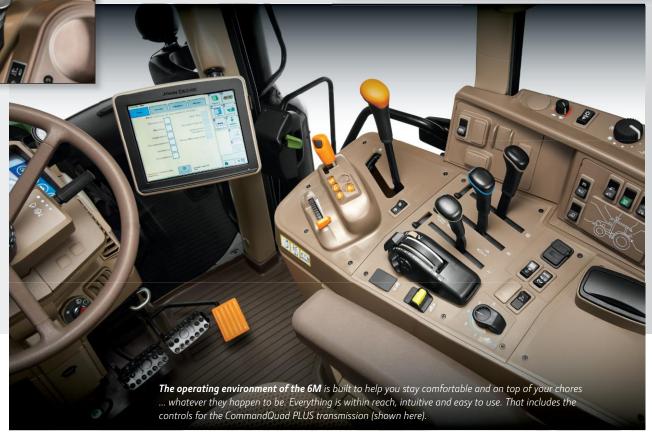




Left-hand PowrReverser™ makes clutch-free forward and reverse shifts easy and will help you handle loader work more efficiently.

Joystick with push button activation lets you shift and control the loader with one lever.



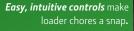


Ready to tackle the impossible? The 6M is ...

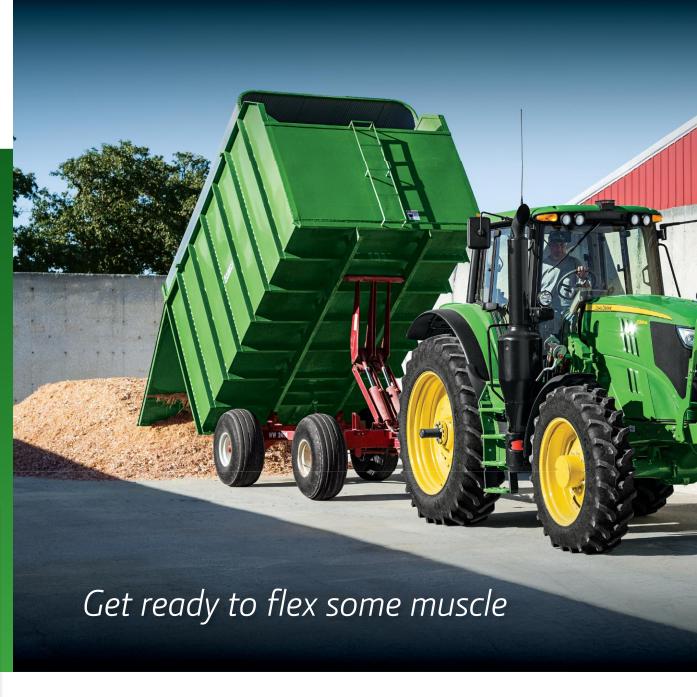
Big days call for big hydraulic performance. And the 6M has the muscle to handle large implements with ease.

The pressure and flow compensated hydraulic system – with load sensing – delivers up to 30 gpm (113 lpm) of hydraulic flow, so you can take on tough jobs in a hurry.

Lift two 5' x 6' bales, load a trailer or truck in no time, and dig deep into compacted feed bunks with up to 4,523 pounds (2056 kg) and 2,900 psi of front-end capacity. And with a rear hitch-lift capacity up to 10,582 pounds (4799 kg) you can hook up to large implements without slowing down.







John Deere R and H Series Loaders



		6110M	6120M	6130M	
POWER * estimated		2112			
	rated engine speed (2100 rpm)	86 hp (64 kW)	95 hp (71 kW)	102 hp (76 kW)	
	O) at 2100 engine rpm (97/68EC)*	110 hp (81 kW)	120 hp (88 kW)	130 hp (96 kW)	
) at 1900 engine rpm (97/68EC)*	116 hp (85 kW)	127 hp (93 kW)	137 hp (101 kW)	
NGINE	,	- Pro-	I. V		
Manufacturer			John Deere PowerTech™ PSS (B20 Diesel Compatible)		
Rated Speed		2100 rpm			
ype		Diesel, in-line, 4-cylinder, wet-sleeve cylinder liners with 4 valves-in-head			
	(US EPA Final Tier4/Stage IV)	Dual Series Turbocharger w/fixed geometry first stage-variable geometry second stage - air-to-air aftercooling and cooled exhaust gas recirculation			
ilter, engine air		PowerCore G2 Air Filter with Pre-cleaning			
After treatment type		Cooled exhaust gas recirculation (EGR), Diesel Particle Filter (DPF) with Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF			
Displacement			4 / 4.5 L		
RANSMISSION					
2F/4R SyncroPlus™ transmiss	sion 30K (OOS Only)	X	Х	Х	
16 Speed PowrQuad Transmis	ssion 30K (OOS Only)	X	X	X	
24 Speed PowrQuad Transmis	-	X	Х	Х	
16 Speed PowrQuad PLUS™ Tr		 X	 X	 X	
24 Speed PowrQuad PLUS Transmission 40K (Cab Only)		х	X	х	
24 Speed AutoQuad PLUS Trai		 X	 X	 X	
ELECTRICAL SYSTEM					
lternator/Battery		14V, 12o amps (14V, 200 amp Optional on cab only)/12V			
REAR AXLES AND WHEEL EQU	JIPMENT	Group 45/46	Group 45/46	Group 45/46	
langed axle, 2-position fixed		Option	Option	Option	
langed axle, 8-position adjus	stable steel wheels	Base	Base	Base	
79.45 x 2555 mm (3.1 ln. x 100.6 ln.) with 2-Position Fixed Cast Wheels		Option	Option	Option	
'9.45 x 2555 mm (3.1 ln. x 10	00.6 In.) with 2-Position Fixed Steel Wheels	Option	Option	Option	
FRONT AXLES		· ·		· ·	
2WD – tread range 60.4 to 80.4 in. (1534 to 2042 mm)		Option	Option	Option	
MFWD - Fixed rims		Option	Option	Option	
MFWD - Adjustable rims		Base	Base	Base	
HYDRAULIC SYSTEM					
selective control valves (rear/r	mid)	Pressure Compensated (PC) / Pressure & Flow Compensa	ed (PFC) System with Load Sensing Function (with PFC) up to 3 re	ear mechanical or 3 with powerbeyond / 3 mid mount mechan	
Main pump, axial piston (displacement)		35cc 45cc			
Maximum pressure		2,900 psi (20,000 kPa)			
Rated flow		21.1 U.S. CPM (80 L/min or PFC of 30 gpm (114 L/min)			
Available flow at a single SCV			21.1 U.S. gpm/80 lpm		
Take out oil capacity without/	with additional tank		6.6/9.8 gal. (25/37 liters)		
B-POINT HITCH (rear) - Electro	phydraulic Sensing		Category 2/3N		
ift Capacities - Standard		5,582 lb. (2500 kg)	5,582 lb. (2500 kg)	6,474 lb. (2900 kg)	
ift Capacities - Optional		7,431 lb. (3400 kg)	7,431 lb. (3400 kg)	8,456 lb. (3800 kg)	
DRAWBAR					
		Cat 2 1400 kg (3085 lb.) - 2450 kg (5400 lb.) Maximum Vertical Load dependent on drawbar position - Standard			
TO			Independent 1-3/8 in., 540/1000 reversible shaft		
TO Speed @ Engine RPM			540 rpm @ 1932 engine rpm 1000 rpm @ 1932 engine rpm		
ront Hitch and PTO		NA	NA	NA	
APACITIES					
uel Tank, Standard		51 gal. (195L)	51 gal. (195L)	51 gal. (195L)	
EF Tank		3.4 gal. (13L)	3.4 gal. (13L)	3.4 gal. (13L)	
ooling System		5.8 gal. (22L)	5.8 gal. (22L)	5.8 gal. (22L)	
VHEELBASE					
2WD		101.6 in. (2580 mm)	101.6 in. (2580 mm)	101.6 in. (2580 mm)	
1FWD		101.6 in. (2580 mm)	101.6 in. (2580 mm)	101.6 in. (2580 mm)	
MFWD axle ground clearance with standard MFWD tyres		20.47 in. (520 mm)	20.47 in. (520 mm)	20.47 in. (520 mm)	
VERAGE STANDARD WEIGHT					
MFWD/AQ Plus/TLS/drawbar/base weight		11,040 lbs. (5,007 kg)	11486 lbs. (5210 kg)	11519 lbs. (5225 kg)	
Max Ballast Level			commended ballast is 163 lbs./SAE PTO HP -see OM for specific		
Max Payload Capacity		19,069 lbs. (8650 kg)	20.172 lbs. (9150 kg)	20,172 lbs. (9150 kg)	
	(50% 1405)	corrected for ambient conditions according to the EC amissions of		, ,,	

^{* 97/68/}EC power refers to average (50% MOE) net brake power measured and corrected for ambient conditions according to the EC emissions directive.

It is equivelent to internal Deere Standard RES10080, and SAE Standards J1349, J1995. Nominal data is metric. Standard data is converted from metric data. Use metric for all calculations

			o sees specs o s o s o			
		6145M	6155M			
POWER * estimated						
Rated PTO power (hp SAE) at rated engine speed (2100 rpm)		114 hp (85 kW)	123 hp (91 kW)			
	(hp ISO) at 2100 engine rpm (97/68EC)*	145 hp (107 kW)	155 hp (114 kW)			
Max Engine power hp (hp ISO) at 1900 engine rpm (97/68EC)*		153 hp (113 kW)	164 hp (120 kW)			
ENGINE						
Manufacturer		John Deere PowerTech™ PSS (B20 Diesel Compatible)	John Deere PowerTech™ PVS (B20 Diesel Compatible)			
Rated Speed		2100 η	m			
Туре		Diesel, in-line, 4-cylinder, wet-sleeve cylinder liners with 4 valves-in-head	Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head			
Aspiration	(US EPA Final Tier4/Stage IV)	Dual Series Turbocharger w/fixed geometry first stage-variable geometry second	Variable Geometry Turbocharger second stage - air-to-air aftercooling			
	(03 ETTT mar ner 17 stage 117	stage - air-to-air aftercooling and cooled exhaust gas recirculation	and cooled exhaust gas recirculation			
Filter, engine air		PowerCore G2 Air Filter with Pre-cleaning Cooled exhaust gas recirculation (EGR), Diesel Particle Filter (DPF) with Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF				
After treatment type						
Displacement		4 / 4.5 L	6 / 6.8 L			
TRANSMISSION						
16 Speed PowrQuad Transmission 30K (OOS Only)		X N/A	X			
· ·	ansmission 40K (OOS Only)	N/A	X N/A			
	ansmission 40K (OOS Only)	X	N/A			
	.US™ Transmission 30K (Cab Only)	X N/A	X			
	LUS Transmission 40K (Cab Only)	N/A	X			
	LUS Transmission 40K (Cab Only)	X	N/A			
	.US™ Transmission 40K (Cab Only)	N/A	X			
	US Transmission 40K (Cab Only)	X	N/A			
ELECTRICAL SYSTEM		1/// 220 // / / / / / / / / / / / / / / /				
Alternator/Battery		14V, 120 amps (14V, 200				
REAR AXLES AND WHE		Group 46/47	Group 46/47			
	n adjustable steel wheels	Base	Base			
	: 100.4 in.) with 2-Position Fixed Cast Wheels	Option	Option			
FRONT AXLES	/	0.6	N/A			
2WD – tread range 60.4 to 80.4 in. (1534 to 2042 mm)		Option	N/A			
_	3 to 87.4 in. (1610 to 2220 mm)	N/A	Option			
MFWD - Adjustable rims		Base	Base			
HYDRAULIC SYSTEM	(aa/-:-i)	Decrees Commented (DC) / Decrees & Flow Commented (DFC) Section with Lond Secretary				
Selective control valves	(real/filld)	Pressure Compensated (PC) / Pressure & Flow Compensated (PFC) System with Load Sensing Function (option) up to 3 rear mechanical or 3 with powerbeyond / 3 mid mount mechanical	Pressure & Flow Compensated (PFC) System with Load Sensing Function			
Main pump, axial pistor	n (displacement)	35cc	45cc			
Maximum pressure		2,900 psi (20,	000 kPa)			
Rated flow		21.1 U.S. gpm (80 L/min)	30 U.S. gpm (114 L/min)			
Available flow at a single SCV		21.1 U.S. gpm/80 lpm	26.4 U.S. gpm (100 L/min)			
Take out oil capacity without/with additional tank		6.6/9.8 gal. (25/37 liters)	9.2/12.4 gal. (35/47 liters)			
3-POINT HITCH (rear) -	Electrohydraulic Sensing					
Lift Capacities - Standa	rd	8,456 lb. (3800 kg)	8,198 lb. (3700 kg)			
Lift Capacities - Option	al	9,546 lb. (4300 kg)	9,193 lb. (4200 kg)			
DRAWBAR						
		Cat 2 1400 kg (3085 lb.) - 2450 kg (5400 lb.) Maximum Ve	rtical Load dependent on drawbar position - Standard			
PTO		Independent 1-3/8 in., 540/1000 reversible shaft				
PTO Speed @ Engine R	PM	540 rpm @ 1932 engine rpm 1	000 rpm @ 1932 engine rpm			
Front Hitch and PTO		NA	NA			
CAPACITIES						
Fuel Tank, Standard		70 gal. (265L)	71 gal. (270L)			
DEF Tank		4 gal. (16L)	4 gal. (16L)			
Cooling System		7 gal. (27L)	7.4 gal. (28.2L)			
WHEELBASE						
2WD		108.9 in. (2765 mm)	108.9 in. (2765 mm)			
MFWD		108.9 in. (2765 mm)	108.9 in. (2765 mm)			
MFWD axle ground clearance with standard MFWD tyres		20.47 in. (520 mm)	20.47 in. (520 mm)			
AVERAGE STANDARD WEIGHT less front weights						
MFWD/AQ Plus/TLS/drawbar/base weight		12,200 lbs. (5534 kg.)	13,073 lbs (5930 kg)			
Max Ballast Level						
Max Payload Capacity		22,046 lbs. (10000 kg)	24,250 lbs. (11000 kg)			

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	6175M	6195M		
POWER * estimated	0175101	- 0133W		
Rated PTO power (hp SAE) at rated engine speed (2100 rpm)	142 hp (106 kW)	158 hp (117 kW)		
Rated Engine power hp (hp ISO) at 2100 engine rpm (97/68EC)*	1			
Max Engine power hp (hp ISO) at 2100 engine rpm (97/68EC)*	175 hp (129 kW) 185 hp (136 kW)	195 hp (145 kW) 206 hp (151 kW)		
ENGINE	185 пр (136 км)	206 np (151 kW)		
Manufacturer	John Deere PowerTech™ PVS (B20 Diesel Compatible)	John Deere PowerTech™ PSS (B20 Diesel Compatible)		
Rated Speed		00 rpm		
Type	Diesel, in-line, 6-cylinder, wet-sleeve cylinder liners with 4 valves-in-head			
Aspiration (US EPA Final Tier4/Stage IV)	Variable Geometry Turbocharger second stage - air-to-air aftercooling and cooled exhaust gas recirculation	Dual Series Turbocharger w/fixed geometry first stage-variable geometry second stage - air-to-air aftercooling and cooled exhaust gas recirculation		
Filter, engine air	PowerCore G2 Air F	Filter with Pre-cleaning		
After treatment type	Cooled exhaust gas recirculation (EGR), Diesel Particle Filter (DPF) with Die	Cooled exhaust gas recirculation (EGR), Diesel Particle Filter (DPF) with Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) using DEF		
Displacement	6/6.8L			
TRANSMISSION				
16 Speed PowrQuad PLUS™ Transmission 30K (Cab Only)	Х	Х		
20 Speed PowrQuad PLUS Transmission 40K (Cab Only)	Х	х		
20 Speed AutoQuad PLUS™ Transmission 40K (Cab Only)	X	Х		
20 Speed CommandQuad PLUS™ Transmission 40K (Cab Only)	X	Х		
ELECTRICAL SYSTEM				
Alternator/Battery	14V, 120 amps (14V,	, 200 amp Optional)/12V		
REAR AXLES AND WHEEL EQUIPMENT	Group 46/47	Group 46/47		
92 x 2550 mm (3.622 x 100.4 in.) with 2-Position Fixed Cast Wheels	Base	Base		
FRONT AXLES				
2WD – tread range 63.3 to 87.4 in. (1610 to 2220 mm)	Option	Option		
MFWD - Adjustable rims	Base	Base		
HYDRAULIC SYSTEM				
Selective control valves (rear/mid)	Pressure & Flow Compensated (PFC) System with Load Sensing Function			
Main pump, axial piston (displacement)	45cc			
Maximum pressure		2,900 psi (20,000 kPa)		
Rated flow	30 U.S. gov (114 L/min)			
Available flow at a single SCV	26.4 U.S. gam (100 L/min)			
Take out oil capacity without/with additional tank		al. (35/47 liters)		
3-POINT HITCH (rear) - Electrohydraulic Sensing				
Lift Capacities - Standard	10,696 lb. (4850 kg)	10,696 lb. (4850 kg)		
Lift Capacities - Optional	n/a	n/a		
DRAWBAR				
	Cat 2 1400 kg (3085 lb.) - 2450 kg (5400 lb.) Maximum Vertical Load dependent on drawbar position - Standard			
PTO	Independent 1-3/8 in., 540/1000 reversible shaft			
PTO Speed @ Engine RPM		n 1000 rpm @ 1932 engine rpm		
Front Hitch and PTO	Option	Option		
CAPACITIES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Fuel Tank, Standard	85 gal. (325L)	85 gal. (325L)		
DEF Tank	5 gal. (20L)	5 gal. (20L)		
Cooling System	6 gal. (23.2L)	6 gal. (23.2L)		
WHEELBASE	- gar, tearen	- 3 (52.55)		
2WD	110.2 in. (2800 mm)	110.2 in. (2800 mm)		
MFWD	110.2 in. (2800 mm)	110.2 in. (2800 mm)		
MFWD axle ground clearance with standard MFWD tyres	20.47 in. (520 mm)	20.47 in. (520 mm)		
AVERAGE STANDARD WEIGHT less front weights	20. 17 m. (200 mm)	25. 77 m. (320 mm)		
MFWD/AQ Plus/TLS/drawbar/base weight	15,664 lbs. (7105 kg)	15,664 lbs. (7105 kg)		
Max Ballast Level	13,00 + 103. (7 103 mg)	15,00 1105. (7 105 kg)		
Max Payload Capacity	27,116 lbs. (12300 kg)	27,116 lbs. (12300 kg)		
	d corrected for ambient conditions according to the FC emissions directive	27,110 ibs. (12500 kg)		

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