

6M TRACTORS

110-250 Horsepower



6M Series

POWERFUL, FAST, INTUITIVE



JOHN DEERE

NOTHING RUNS LIKE A DEERE

4

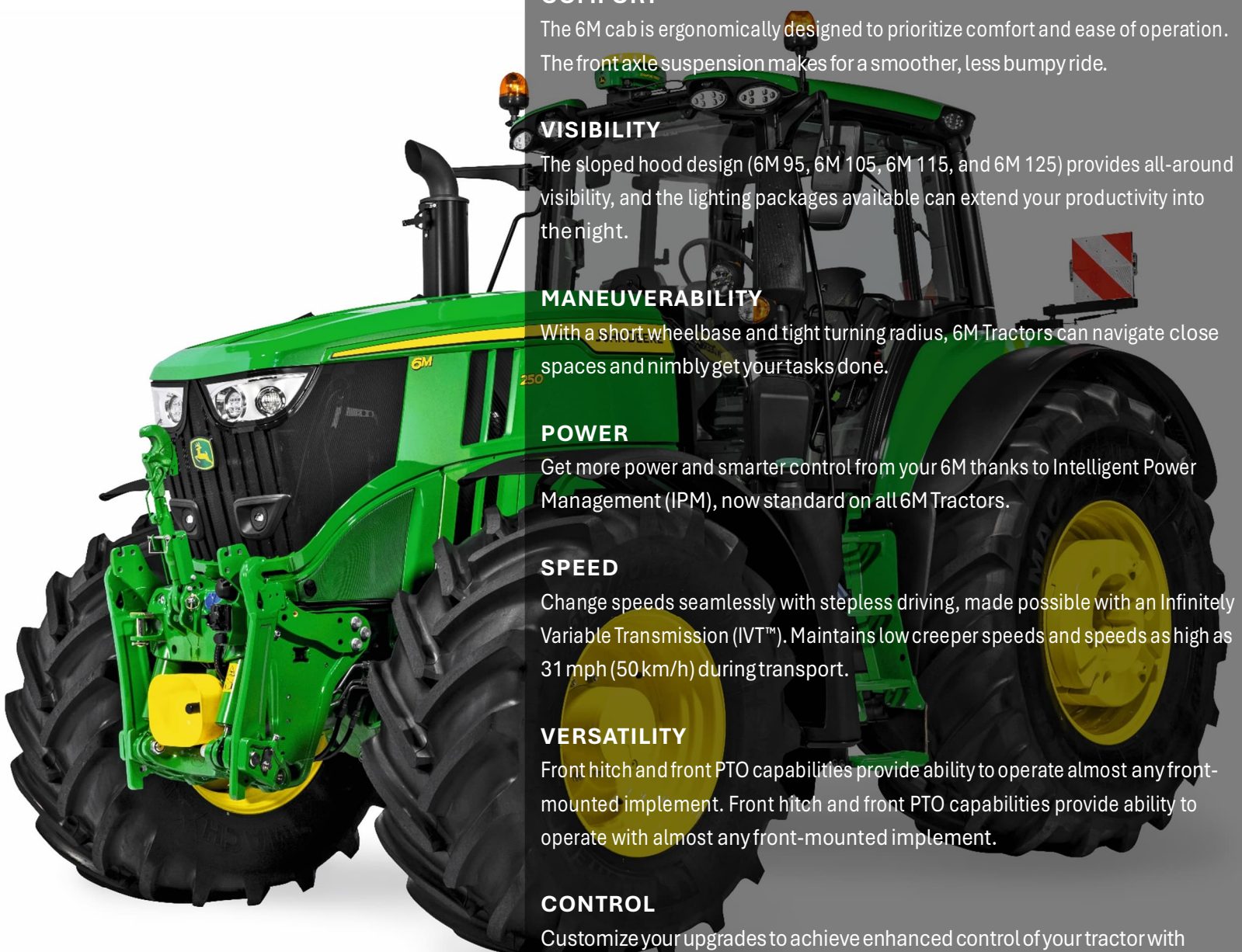
Frame Sizes

110-250

Engine Horsepower

20_{hp}

Boost with IPM for stage III.



HIGHLIGHTS

COMFORT

The 6M cab is ergonomically designed to prioritize comfort and ease of operation. The front axle suspension makes for a smoother, less bumpy ride.

VISIBILITY

The sloped hood design (6M 95, 6M 105, 6M 115, and 6M 125) provides all-around visibility, and the lighting packages available can extend your productivity into the night.

MANEUVERABILITY

With a short wheelbase and tight turning radius, 6M Tractors can navigate close spaces and nimbly get your tasks done.

POWER

Get more power and smarter control from your 6M thanks to Intelligent Power Management (IPM), now standard on all 6M Tractors.

SPEED

Change speeds seamlessly with stepless driving, made possible with an Infinitely Variable Transmission (IVT™). Maintains low creeper speeds and speeds as high as 31 mph (50 km/h) during transport.

VERSATILITY

Front hitch and front PTO capabilities provide ability to operate almost any front-mounted implement. Front hitch and front PTO capabilities provide ability to operate with almost any front-mounted implement.

CONTROL

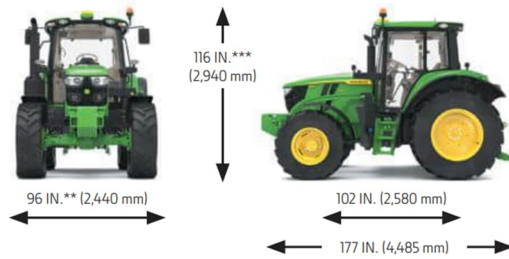
Customize your upgrades to achieve enhanced control of your tractor with features like Compact CommandARM™, PowrReverser™, and an electronic joystick.

INTELLIGENCE

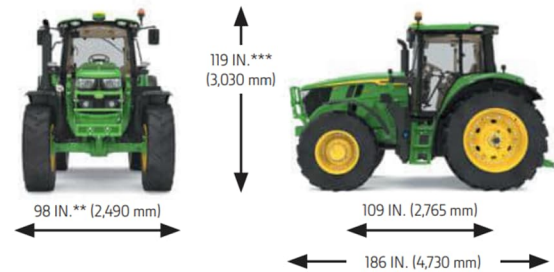
Integrate the intelligent solutions that make the most sense for you with technology on demand. Choose from an extensive list of customizations and upgrades, including AutoTrac™, Starfire™ 7500 Receiver, ServiceADVISOR™ Remote, and more. Choose from an extensive list of customizations and upgrades, including AutoTrac™, Starfire™ 7500 Receiver, ServiceADVISOR™ Remote, and more!



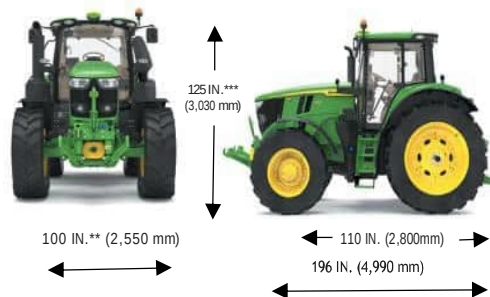
SMALL FRAME SOLID POWER



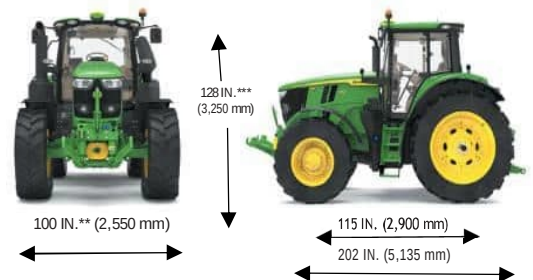
MID FRAME SOLID POWER



LARGE FRAME THE POWER TO PERFORM



EXTRA-LARGE FRAME HEAVY-DUTY PERFORMERS





EFFICIENT TRANSMISSION

SHIFT INTO HIGH GEAR

PowrQuad™ Plus

This simple, easy-to-use transmission is available on select 6M Tractors*. The **PowrQuad Plus** incorporates a single-range lever with **push-button electronic gear shifting**. The **PowrQuad Plus** incorporates a single-range lever with **push-button electronic gear shifting**.

**Available in 19, 25, and 31 mph speeds (30, 40, 50 km/h) with optional creeper*

AutoQuad™ Plus

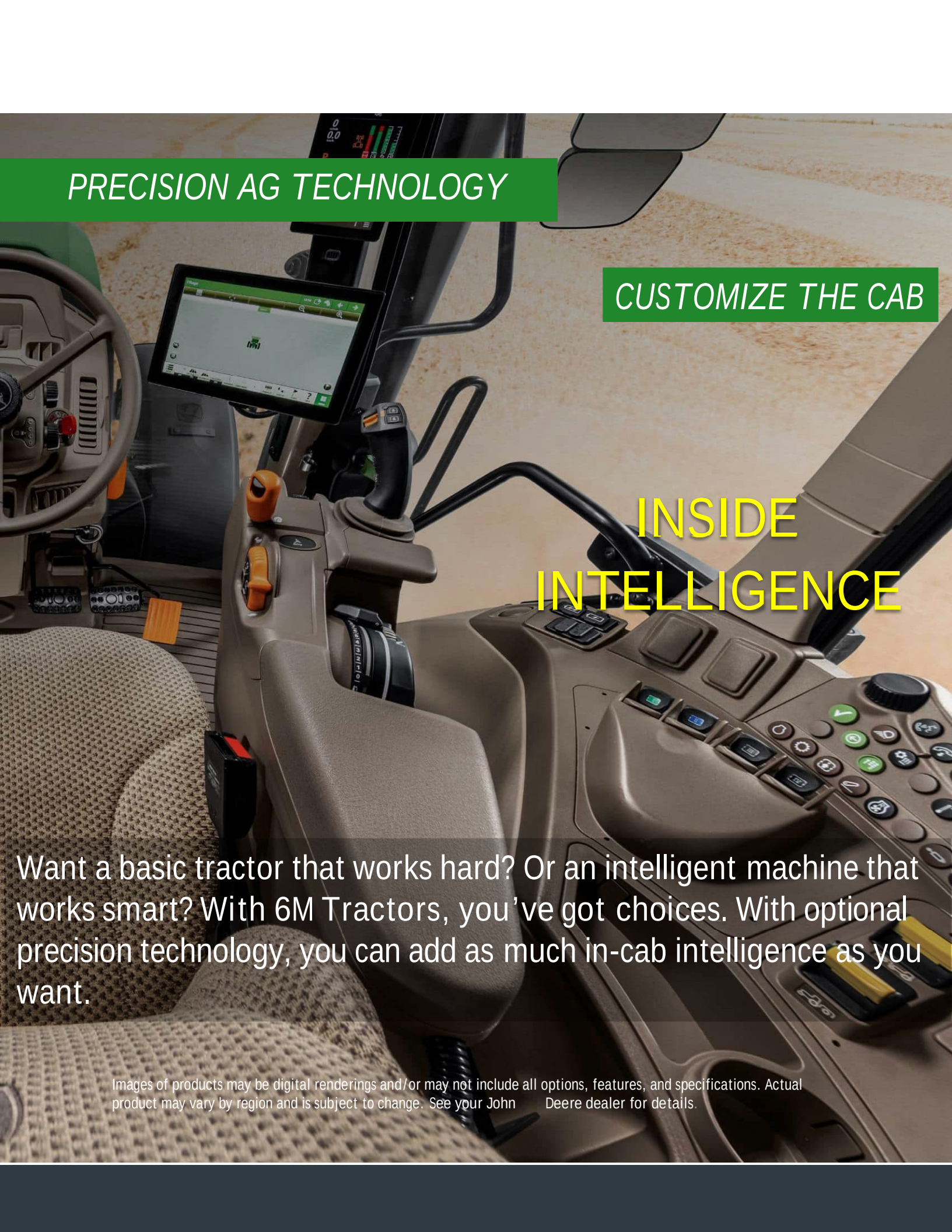
Capable of reaching speeds of up to 19, 25, and 31 mph (30, 40, and 50 km/h), **AutoQuad™ Plus** has a left-hand reverser and four power shiftable gears in five or six fully synchronized ranges. **AutoQuad Plus** can be set up for automatic gear changes within a range. **AutoQuad™ Plus** can be set up for automatic gear changes within a range.

CommandQuad™ Plus

Building on the **AutoQuad Plus** transmission, the **CommandQuad™ Plus** offers more automatic shifting capabilities, and **AutoClutch**—which allows for clutch-less braking and inching control. Building on the **AutoQuad Plus** transmission, the **CommandQuad™ Plus** offers more automatic shifting capabilities, and **AutoClutch**—which allows for clutch-less braking and inching control. Capable of 25 and 31 mph (40 and 50 km/h), a left-hand reverser and four power-shiftable gears in five fully synchronized ranges. Capable of 25 and 31 mph (40 and 50 km/h), a left-hand reverser and four power-shiftable gears in five fully synchronized ranges.

Infinitely Variable Transmission (IVT™)

IVT is now available for all 6M Tractors. Match your speed precisely to your job with no speed bumps. From creeper applications, to transport speeds up to 31 mph.

A detailed view of the interior of a John Deere tractor cab. The image shows the steering wheel on the left, a central display screen showing a green field with a small tractor icon, and a right-hand console with various buttons and a joystick. The background is a blurred view of a field.

PRECISION AG TECHNOLOGY

CUSTOMIZE THE CAB

INSIDE INTELLIGENCE

Want a basic tractor that works hard? Or an intelligent machine that works smart? With 6M Tractors, you've got choices. With optional precision technology, you can add as much in-cab intelligence as you want.

Images of products may be digital renderings and/or may not include all options, features, and specifications. Actual product may vary by region and is subject to change. See your John Deere dealer for details.



G5 & G5^{Plus} Universal Display

Whether you choose the optional G5 or the larger G5^{Plus} Universal displays, you'll get a bigger, faster, and clearer¹ display to see and do more

A 35% bigger touchscreen¹. A fast processor¹ for quick boot times. And a bright 1080p HD resolution. Either way, you open up new paths to advanced guidance and automation tools.

JDLink™ Modem

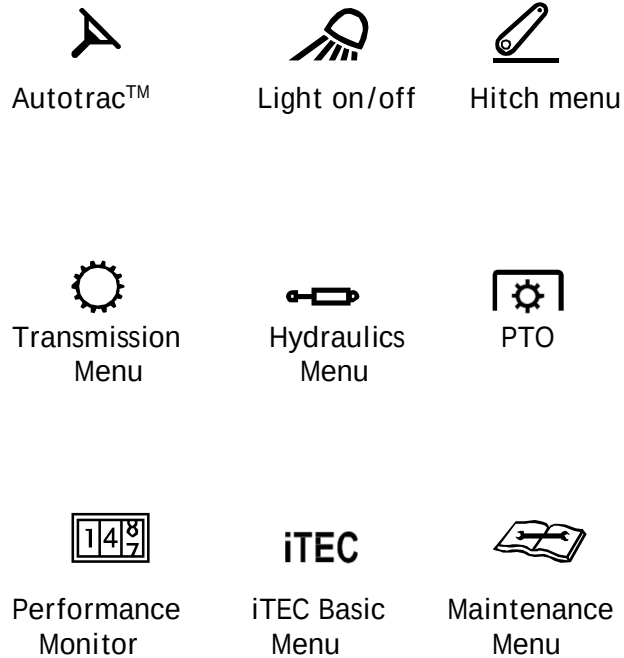
Standard on all 6M Tractors, a JDLink modem makes it easy to wirelessly connect your tractor to John Deere Operations Center™ and the Operations Center Mobile app

Whether you have one machine or a whole fleet, connecting your tractor lets you monitor machine location, manage logistics, track fuel usage, and more

Corner post Display

Critical machine data is always easy-to-read with the larger¹ and brighter Corner Post Display now available

CORNER POST DISPLAY



INSTANT STATUS

Located on the A-post, in direct line of sight, the Corner Post Display shows important messages and warnings about essential tractor functions. It's conveniently operated by the combination of a selection wheel and quick access keys on the right-hand console



LIGHTING OPTIONS

360° VISIBILITY

STAY PRODUCTIVE

LIGHTS AROUND YOUR 6M

Model	6M 110 Cab	6M 125 Cab	6M 140 Cab	6M 155 Cab	6M 175 Cab	6M 195 Cab
ENGINE PERFORMANCE						
Rated Power (97/68EC) hp (kw)	110 (81)	125 (92)	140 (103)	155 (114)	175 (129)	195 (143)
Max.Power (97/68EC) hp (kw)	116 (86)	132 (97)	148 (109)	164 (121)	185 (136)	206 (152)
Constant power range,rpm	2100 - 1600					
Torque reserve, %	35					
Maximum torque, Nm (at 1500 engine rpm)	497	522	632	700	790	880
Rated speed, rpm	2100					
Manufacturer	John Deere Power Systems					
Type	PowerTech E					
Engine air filter	PowerCore® G2 air filter with pre-cleaning					
Aspiration	Fixed geometry turbocharger					
Cylinders/Displacement	4-cylinder – 4.5 L		6-cylinder – 6.8 L			
Cooling system	Distributed cooling system with temperature controlled viscous fan drive					
Fuel injection system and control	High pressure common rail system with up to 1 500 bar injection pressure, electronically controlled					

TRANSMISSIONS						
PowrReverser 16/16 2.4 – 30 km/h	●	●				
PowrQuad Plus						
16/16 2.4 – 30 km/h	●	●	●			
16/16 3.2 – 38 km/h	●	●				
20/20 2.5 – 40 km/h				●	●	●
24/24 1.4 – 40 km/h	●	●	●			
AutoQuad Plus						
20/20 2.5 – 40 km/h				●	●	●
24/24 1.4 – 40 km/h	●	●	●			
AutoQuad Plus EcoShift						
20/20 2.5 – 40 km/h				●	●	●
24/24 1.4 – 40 km/h	●	●	●			
CommandQuad Plus						
24/24 1.4 – 40 km/h	●	●	●			
CommandQuad Plus EcoShift						
20/20 2.5 – 40 km/h				●	●	●
24/24 1.4 – 40 km/h	●	●	●			
Creeper (PowrReverser, PowrQuad Plus,	●	●	●	●		
AutoQuad Plus and AutoQuad Plus EcoShift)						

AXLES						
Suspended front axle (option)	Triple Link Suspension (TLS) MFWD axle, hydro-pneumatic, permanently active, triple link, self-levelling, load-adjusting suspension					
Suspension range with TLS Plus	100 mm suspension range					
Engagement front differential lock	Self-locking differential					
Engagement rear differential lock	Electro-hydraulic with oil-cooled clutch					
Rear axle	Flange axle					

STEERING						
Type	Dynamic load sensing, hydrostatic, flow metering					

HYDRAULIC SYSTEM		
Type	Pressure Compensated (PC)/Pressure and Flow Compensated (PFC) system with load sensing function	Pressure and Flow Compensated (PFC) system with load sensing function
Flow at rated engine speed base/option, L/min	80/114	114/155
Selective control valves, SCVs (rear/mid)	Up to 4+3	
Power beyond	Optional	
Oil take out capacity with overfill, L	24	32
Oil take out capacity with additional oil reservoir, L	45	55

3-POINT HITCH – Rear						
Type	Electronic lower link sensing; load and depth control, infinite mix, float					
Category	II/IIIN		IIIN/III	III		
Maximum lift capacity at hooks, kg (base/option)	3 950/5 300	4 600/6 000	6 000/6 800	7 200/8 100	8 500	8 500
Lift capacity through full lift range (OECD 610 mm)	2 500/3 400	2 900/3 800	3 800/4 300	3 700/4 200	4 850	4 850
Lift capacity through full lift range (OECD 1 800 mm)	1 550/2 100	1 800/2 350	2 350/2 650	2 800/3 200	3 400	3 400
3-POINT HITCH – Front, optional						
Type	Front hitch controlled by rear SCV					
Category	IIIN					
Maximum lift capacity at hooks, kg	4000					
Lift capacity through full lift range (OECD at the hooks), kg	3300					
REAR PTO						
	Electro-hydraulically engaged, oil-cooled, multi-disc design					
Engine rpm at rated PTO speeds with 540/1000 option	1 967/1 962			1 987/2 000	1 950/1 950	
Engine rpm at rated PTO speeds with 540/540E/1000 option	1 967/1 496/1 962			1 987/1 753/2 000	1 950/1 721/1 950	
FRONT PTO, optional						
Type	Electro-hydraulically engaged, oil-cooled					
Engine speed at rated PTO speed (1 000), rpm	1969					
CAB						
Specifications	310° all-round vision, telescoping and tiltable steering column/wheel					
Suspension (option)	Mechanical cab suspension (MCS)					
Noise level at operator's ear, dB (A)	71					
Cab glass area, m²	4.79					
Instrument panel	Integrated into dashboard					
MISCELLANEOUS						
AutoTrac Ready	Optional					
ISOBUS implement connection	Optional					
CAPACITIES						
Fuel tank, L	260	260	345	345	425	425
DIMENSIONS AND WEIGHTS						
Wheelbase, mm	2 580		2765		2 800	
Width x Height x Length, mm Measured with flanged axle, up to cab roof, from front weight support to horizontal draft link hooks and with max. front tyres/max. rear tyre sizes	2 490 x 2 880 x 4 485		2 490 x 2 930 x 4 730 2 490 x 2 970 x 4 730		2 550 x 3 100 x 4 990	
Ground clearance, mm	490		530		545	
Measured at centre of front axle, using max. front and max. rear tyre sizes Shipping weight, kg	5 800		6 200	6 700	7 500	
Measured with average specifications						
Maximum permissible gross weight, kg	8 650	9 150	10 000	11 000	12 300	12 300
TYRE SIZES						
Front tyre sizes, max. available (diameter in cm)	540/65R24 (134)		540/65R28 (144)		600/65 R28 (152)	
Rear tyre sizes, max. available (diameter in cm)	600/65R38 (178)		650/65R38 (185)		710/70 R38 (200)	

