

6B Series Tractors

95 to 135 hp (97/68EC)





Simple and reliable: Turns every challenge into a game

All over the world, John Deere tractors stand for quality, durability and uptime. The new 6B fits in seamlessly as a member of the big John Deere family.

Easy and reliable – with its robust quality and great versatility, this four-wheel drive tractor is customized to meet your special needs. We took into account the main requirements of users when developing the 6B, in order to come as close as possible to meeting expectations and offering you what you need: an uncomplicated machine that can withstand the hardest loads yet is still attractively priced.



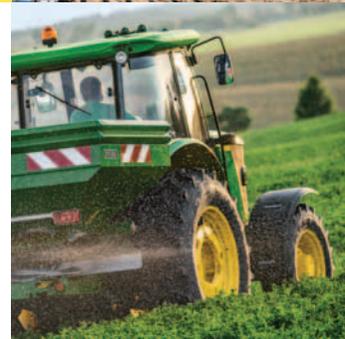
Made for every challenge: The new John Deere 6B gives you more than you can imagine

The new 6B by John Deere is not only good-looking; it is also enormously powerful, reliable and flexible. This mechanically built tractor gives you exactly what you want, without making you pay for features you don't need. You can even service it yourself if you prefer. And you know you can depend on the quality and durability of this tractor and its components. You have our word on it.

Made for the hard track.

This tractor's high quality is reflected in all areas: performance, uptime, operator comfort, cost of operation and a design that responds to the particular requirements on site.

This all-rounder was made for hard work in agriculture. Thanks to its great performance and versatility, it shines in tillage and cultivation as well as in fertilization and pest management, in field and pasture, during transport, front loader work or in the yard. The 6B is available in "Standard" and "Premium" equipment packages – depending on your individual needs.



Simple and reliable

The new 6B is an all-rounder
in the best sense of the word.



Make a wish. The new 6B will fulfill it.

- **Reliable, powerful, economical on fuel:** proven PowerTech four-cylinder engines with 70 kW (95 hp), 85 kW (115 hp) and 99 kW (135 hp).
- **Easy to shift gears:** fully synchronized gears with good ratios and a familiar gearshift pattern.
- **The perfect workplace:** roomy, sound-insulated cab with ergonomically designed controls and the best in all-round visibility.
- **Tremendously easy to look after:** easy access to all maintenance points and extensive maintenance options.
- **High hydraulic performance:** pressure-controlled hydraulic system with up to 60 l/min flow rate and up to three hydraulic controls.
- **Extremely versatile:** numerous options enhance the range of applications.



With the plough. On the road: The 6B puts you ahead

Demanding jobs such as difficult ploughing or high-speed road driving with a full trailer are always a challenge for tractors. Good that the 6B shows such dependable performance. And has a gearbox with good ratios that makes gear changing particularly easy.

Performs when performance counts.

The reliable PowerTech engines with 4.5-litre capacity perform beautifully, even in the toughest conditions. A torque increase of up to 29 percent ensures that the tractor can effortlessly pull the heaviest loads – even in difficult terrain. You'll be delighted by the common rail system with high-pressure fuel injection on the four-cylinder engine (110 hp and 135 hp only), and low diesel consumption at the same time. The engine is 100% compliant with local regulations – no matter what the fuel quality is like. And thanks to the high-volume fuel tank, you will cover considerable distances, with only the occasional visit to the filling station.

When it comes to fuel quality, there's no need to worry: The engine on the 6B is fitted with a water separator. And what about winter weather, with temperatures far below freezing? The 6B starts just as reliably as during the summer – thanks to the standard cold-start package (6110B and 6135B only).



Dependable performance

The proven PowerTech engines offer outstanding traction force and low diesel consumption.





Just shift

Changing gears is child's play in the 6B.

Changing gears: As simple as in a car.

Changing gears on the 6B is just as easy and intuitive as in a car. And it's effortless, too, thanks to the fully synchronized gears. With four gearbox options to choose from (12 x 4-gears with 30 km/h or 24 x 8 gears with 2-speed electrohydraulic transmission and 30 or 40 km/h) you can choose the application that best suits your individual mode of use.

A maintenance-free wet clutch comes with the Standard and Premium package, offering efficiency and excellent uptime. Mechanically operating wet disc brakes provide a safe ride, even on slopes. Air brakes are also available as an optional attachment.

Conveniently activate and deactivate the standard 540/1.000 drive with 6/21 grooves electrohydraulically from your seat (Premium package). Additional PTO options (front PTO, PTO with 8 grooves for 95 hp) make the 6B even more flexible.



Looks good, feels good: A perfect work place for a perfect day at work

The modern cab of the 6B offers everything it takes to make work pleasant and efficient: roominess, a high-quality ambience, exemplary ergonomics and plenty of storage space for food and drink.

A workspace to suit your taste: with the mechanically cushioned seat with armrest, you stay comfortable even on bumpy ground. All the controls are ergonomically arranged and easy to reach. It's harvest time and you've a long shift ahead? No problem! You'll feel at home in this cab, right from the word go.

A cab that will surprise you.

You can enter the cab from the left or the right. This saves time. You'll be pleasantly surprised that the noise level in the sound-insulated cab is lower than you are used to. This helps keep you relaxed and productive on every outing. You'll like the excellent all-round visibility, too. The heater, standard on all models, provides comfort even in icy weather. In hot weather, ventilation is provided by the air conditioning included in the Premium package, and rear and side windows can be opened for additional comfort.

Best view ensured

Generously sized glass surfaces provide a clear view in all directions.





Easy access

All of the maintenance points on the engine are very easy to access.



Mechanical through and through

You can perform even more major maintenance work yourself.

Service and maintenance: You could do it yourself, but you won't have to.

You can carry out all the maintenance and repair work on your new John Deere 6B yourself: Not that you will need to very often! Because the machinery consists almost exclusively of high-quality mechanical components, the possible sources of faults are kept to a minimum from the beginning.

The tractor is also designed to make it exceptionally service-friendly. Long service intervals of 500 hours increase usage hours while reducing unproductive idle times.

You can access all the regular service points without having to open the one-piece hood. Maintenance is quick and easy – and usually requires no tools. Engine oil and cooling water rarely need to be added. And if any part does need to be replaced at some point you can count on original John Deere replacement parts. They fit perfectly and work flawlessly.

Green-on-Green: Convenient attachments for convincing hydraulic power



The convincing hydraulic performance and output of the 6B make it ideal for use with nearly every attachment. The sturdy hydraulic pump supplies all attachments with a high level of hydraulic performance. Up to three hydraulic controls are possible in the Premium package or as additional equipment. Thanks to a proud 3,170 kg lift capacity, the new 6B can also handle heavy attachments – such as a fertilizer spreader filled to the brim.

It's not just a tractor, it's a complete solution.

Optimally tuned Green-on-Green solutions with a John Deere front loader 563 and John Deere attachments ensure perfectly tailored comprehensive solutions. Retrofit options such as a front hitch or front PTO multiply the possible uses of this versatile tractor.

Made for the toughest jobs
The hydraulics on board the 6B are ideal for working with heavy attachments.

6B 4-cylinder tractors, technical data

	6095B Standard	6095B Premium	6110B Standard	6110B Premium	6135B Standard	6135B Premium
ENGINE PERFORMANCE						
Rated power (97/68EC), hp (kW)	95 (70)		110 (81)		135 (99)	
Max. power (97/68EC) hp (kW)	96 (71)		114 (84)		139 (103)	
Constant Power Range, rpm	1950 – 2200		1600 – 2200		1600 – 2200	
Torque Reserve, percent (%)	22		29		29	
Maximum Torque, Nm (at 1600 engine rpm)	370		452		555	
Rated Speed, rpm			2200			
Manufacturer	John Deere Power Systems					
Type	PowerTech M engine		PowerTech E engine			
Filter, engine air	Radial air cleaner		PowerCore G2 Air Filter with Pre-cleaning			
Aspiration	Fixed geometry turbocharger with charge air cooler					
Cylinders and Displacement	4 / 4.5 L					
Cooling system	In serial mounted cooling system with fixed fan					
Fuel Injection system & Control	Mechanical rotary pump		High Pressure CommonRail System with up to 2000 bar Injection Pressure			
TRANSMISSION OPTIONS						
Top Shaft Synchronized with Dry Clutch 12F/4R – 3.2 – 30 km/h, synchronized gears / C & D ranges	x		x			
Top Shaft Synchronized with Wet Clutch 12F/4R – 3.2 – 30 km/h, synchronized gears / C & D ranges					x	
Top Shaft Synchronized Hi-Lo with Wet Clutch 24F/8R – 2.7 – 30 km/h, synchronized gears / C & D ranges	x					
Top Shaft Synchronized Hi-Lo with Wet Clutch 24F/8R – 2.5 – 40 km/h, synchronized gears / C & D ranges			x		x	
Clutch type	dry	wet	dry	wet	wet	wet
Max. Speed	30 km/h	30 km/h	30 km/h	40 km/h	30 km/h	40 km/h
Hi/Lo transmission	n.a.	yes	n.a.	yes	n.a.	yes
AXLES						
Permissible tread Setting front, mm	1625 – 2025		1625 – 2025		1740 – 2036	
Permissible tread Setting rear, mm	1712 – 2012		1712 – 2016		1712 – 2016	
Engagement front differential lock			Automatic			
Engagement rear differential lock			Mechanical in cab			
Rear Axle			Flange Axle			
Turning radius, mm (measured without front fender)	4300		5500		5500	
STEERING						
Type	Hydrostatic					
HYDRAULIC SYSTEM						
Type	Open Center / Constant Flow					
Flow at rated speed l/min	50	60	50	60	60	60
Selective control valves (rear/mid)	2 rear	3 rear	2 rear	3 rear	2 rear	3 rear
Power beyond port	Yes, in base with double and triple SCV					
3-POINT HITCH – Rear						
Type	Heavy duty, mechanical draft and position control					
Category	II	II	II	II	II	II
Lift capacity through full lift range (at 610 mm behind hooks), kg	2450	2450	3060	3060	3060	3060
3-POINT HITCH – Front, La Forge (optional)						
Category	Mixed: Cat 3N (Cat 3 open hooks), with Cat 3/2 lose balls and Cat 2 center link					
Lift capacity through full lift range (OECD 610 mm), kg	2250					
Lift range (mm)	715					
3 low arms positions	Fix, independant float, folded					

	6095B Standard	6095B Premium	6110B Standard	6110B Premium	6135B Standard	6135B Premium
Rear PTO, 6/21 Splines, 540/1000 rpm						
Type	Manually operated	Electro-hydraulically operated	Manually operated	Electro-hydraulically operated	Electro-hydraulically operated	Electro-hydraulically operated
Clutch type	dry	wet	dry	wet	wet	wet
Change of speeds	Manually reversible stub shaft					
Engine rpm at rated PTO speeds (540/1000 rear PTO)	2200					
Rear PTO, 8 Splines (Field Kit), 540 rpm						
Type	Manually operated	Electro-hydraulically operated	n.a.	n.a.	n.a.	n.a.
Clutch type	dry	wet	n.a.	n.a.	n.a.	n.a.
Engine rpm at rated PTO speeds (540 rear PTO)	2200					
Front PTO – La Forge (optional)						
Type	Electro-hydraulically operated, oil cooled, multi-disc design with modulated engagement, speed feedback in engagement switch					
Engine speed at rated PTO speed (1000), rpm	Counter clockwise version: 2074 / Clockwise version: 2000					
CAB						
Specifications	Rollover protective structure (ROPS); excellent all round visibility (323.5°)					
Heater only	X		X		X	
Airconditioning and heater		X		X		X
Drivers ear noise level, with load, dBA	84 – 87					
Angle of vision, °	324					
Digital display	Integrated in dashboard					
MISCELLANEOUS						
Loader – Green on Green	John Deere Loader 563, 2 mid mount valves, joystick, hood guard					
Pneumatic trailer brake system – optional	Tietjen Air Brake system, to be ordered directly with Tietjen GmbH					
Gost Features	This includes among others: Battery cut-off switch, Trailing lights, Fire extinguisher holder, First aid kit holder, hanger for outerwear					
Capacities						
Fuel Tank (L)	150		220		220	
Dimensions and Weights						
Wheelbase, mm	2310		2560		2560	
Max. Width x Height x Length*, mm	2220 x 2650 x 4650		2210 x 2810 x 4830		2300 x 2820 x 4830	
<i>*measured with rear wheel weights according to package, standard wheel tread from assembly line, up to trailing lights, from possible front weights to horizontal draft links, with specific tire size per package (see below)</i>						
Width x Height x Length**, mm	1654 x 2600 x 4230		1654 x 2570 x 4230		1654 x 2790 x 4410	
<i>**measured flange to flange rear axle, standard wheel tread from assembly line, from ground to top of roof, from front weight bracket to horizontal draft links, with specific tire size per package (see below)</i>						
Ground clearance, mm (center MFWD, without front ballast)	395		425		455	
Tractor weight***, kg	4600		4970		5500	
<i>***Premium package measurement only: front and rear weight according to package, no driver, less fuel in tank, max liquid (engine oil, coolant, hy oil), drawbar, HVAC, according tire size (see below)</i>						
Additional weight, front, 50 kg each	none	6	none	12	none	12
Additional weight, rear, 55 kg each	none	2	none	2	none	8
Maximum Permissible Gross Weight, kg	6150	6150	6800	6800	8000	8000
Tire Sizes						
Front axle tire size, standard pressure 1.4 kpa	320/85R24 (12.4R24)		340/85R24 (13.6R24)		380/85R24 (14.9R24)	
Rear axle tire size, standard pressure 1.4 kpa	420/85R34 (16.9R34)		420/85R38 (16.9R38)		460/85R38 (18.4R38)	
Standard wheel tread ex factory (Front/Rear), mm	1625/1712		1729/1712		1740/1712	

Service from John Deere is service you can rely on

With the 6B, you'll rarely need to call on the John Deere service. After all, you can perform nearly all of the maintenance and repair on the mechanical tractor yourself.

But if you should need support some day, you can rely on your qualified John Deere sales partner. His well-trained technicians see to it that your John Deere machine is in top shape.

As top ratings demonstrate, our customers are very satisfied with their John Deere sales partners. A qualified network of dealerships ensures proximity to the customer and speedy support – and new dealers are joining our ranks all the time.

Thanks to our powerful regional replacement-parts center, John Deere replacement parts are always available very quickly.



John Deere Financial – A range of finance options as powerful as our products.
Contact your John Deere dealer for a comprehensive range of finance options to suit the specific needs of your business.
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