6B SERIES SIMPLY BETTER



JOHN DEERE

NOTHING RUNS LIKE A DEERE

SIMPLY BETTER

DESIGNED TO PERFORM. DESIGNED TO LAST. DESIGNED TO ENJOY.

The 6B is built to get your jobs done. It got everything you need, nothing you don't. Perfect for the remote. Ready for extremes. Easy to run. Hard to beat.





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6 BETTER DEAL

OVERVIEW



1 | SIMPLY BETTER

The 6B stands for simplicity. With that also for utmost reliability and durability. It got everything you need, nothing you don't. Perfect for the remote. Ready for extremes. Easy to run. Hard to beat.

2 | OUTSTANDING PERFORMANCE

It's not just the engine, but the overall drivetrain efficiency that let the 6B shine with remarkable productivity and efficiency. The newly added 6150B marks the new flag-ship.

5 | EXCELLENT VISIBILITY

The elevated seat position, unobstructed view and powerful lighting opions provide excellent visibility day and night.

6 | INCREASED SPEED RANGES

From as low as 0.2 km/h with the new creeper option, up to 40 km/h top speed, the 6B not only allows for versatility in low-speed applications, but also maximum transport productivitiy.



3 | STRONG HYDRAULICS

With up to 76l/min hydraulic flow, a pressure compensated flow adjust SCV, detent position and up to 5.3t rear hitch lift capacity, 6B tractors can handle pretty much any implement.

4 | GREAT COMFORT

Whether it be the OOS, Economy Cab or the new Premium Cab – you'll experience exceptional operator comfort and very intuitive handling. Helping you to keep concentration up during long days and making it a joy to drive.

7 | POWERFUL DRIVETRAIN

The wet-clutch is designed for lifetime use, able to handle peak loads and being maintenance free. The Hi-Lo functionality allows for shifting under full load, while the Power Reverser provides clutch-free change in driving direction.

8 | INTELLIGENCE INSIDE

Benefit from the latest John Deere Precision Ag technology. 6B come with full JDLink™ connectivity with free access to the Operations Center and can be retrofitted any time with the latest John Deere guidance solutions.

6 BETTER LINE UP

POSITIONING

The choice is yours! 6B Series not only offer you a range of 95 to 150 rated horsepower, but also cover your individual needs in terms of maneuverability, cabability and comfort.



2,200 mm



2,690 mm

2,310 mm

4,655 mm

6095B:

Agile with loaders. Strong on the road.

- short wheelbase
- PTM 4-cylinder / Standard Air Filter
- up to 1.61 m tires

KG

CAB ~4,200 KG
OOS ~4,000 KG



2,300 mm



2,740 mm

2,560 mm

4,835 mm

6110B – 6135B:

Compact power. The ideal allrounder.

- mid wheelbase
- PTE 4-cylinder / PowerCore Air Filter
- up to 1.71 m tires

KG

OOS ~4,300 KG
CAB ~4,500 KG



2,300 mm



2,765 mm

2,677 mm

4,970 mm

6140B – 6150B:

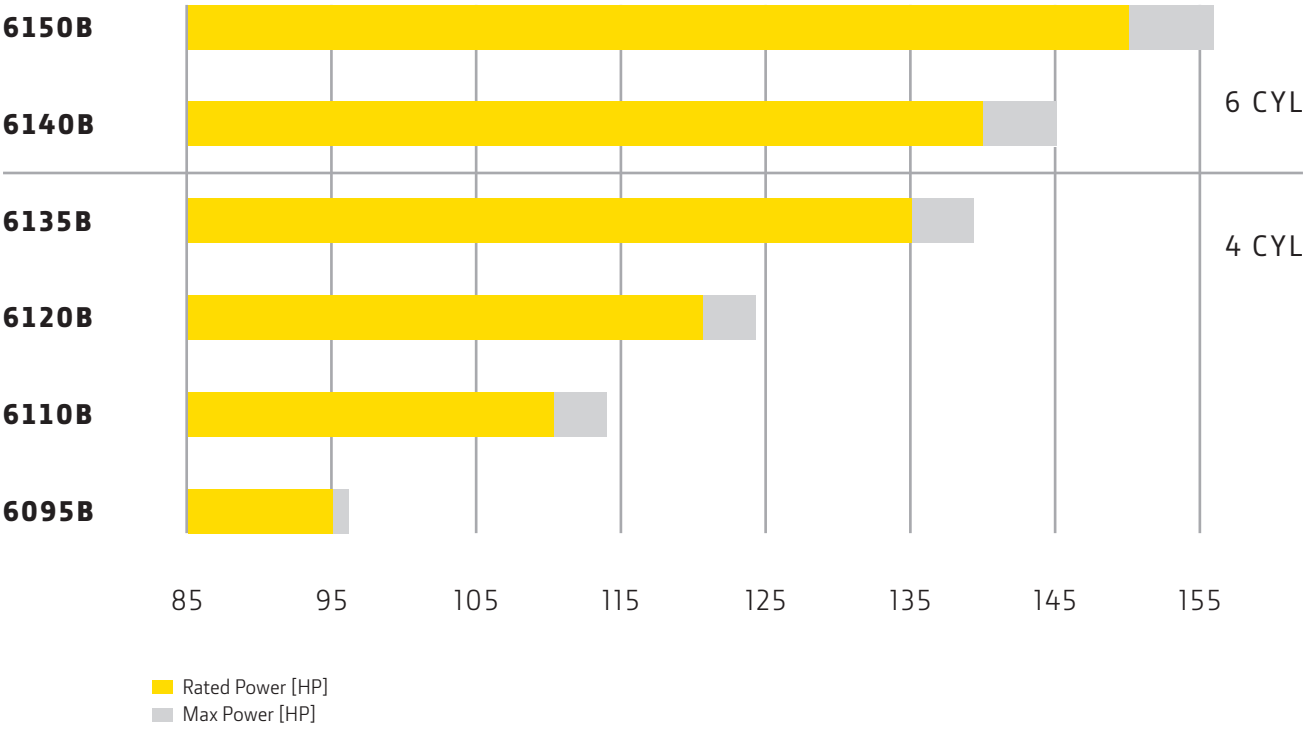
Pure pulling power. When jobs are big.

- large wheelbase
- PTE 6-cylinder / PowerCore Air Filter
- up to 1.78 m tires

KG

CAB ~4,900 KG

ENGINE PERFORMANCE



6150B – HEAVY DUTY PERFORMER

The 6150B didn't just get another 10hp on top.It also got stronger components throughout:

- Heavy-Duty Transmission
- Heavy-Duty Rear Axle
- Heavy-Duty Rear Wheel Rims
- Extra Rear Wheel Ballast
- 520/70R38 Tires
- CAT3/N Rear Hitch



6 BETTER COMFORT

OPERATOR STATIONS

OPEN OPERATOR STATION

Driving a 6B means fun. It's comfortable, smooth and quiet. Everything is in reach. Nothing obstructs. Even after a long working day you'll finish with a smile on your face.



1 | INTUITIVE OPERATION

It doesn't take much skill to run a 6B. If you run a fleet, that makes it easy for you. The tractor is intuitive as it possibly can be.

2 | QUICK REVERSING

Quick, comfortable clutch-free power reversing at your finger-tip. Not only great for loader operation, but something you'll enjoy every single headland turn.

3 | RIGHT-HAND CONSOLE

Convenient and ergonomically located, like an extension of your arm.

4 | POWERSHIFT™ ON-THE-GO

Shift under full load by simply pushing the Hi-Lo button.

5 | ERGONOMIC STEERING COLUMN

The tiltable & telescopic steering column let's you perfectly adjust its position to your personal needs.

6 | LARGE CANOPY

The large canopy protects operators from exposure to sun or rain.

ECONOMY CAB

The Economy Cab provides additional comfort by effectively protecting operators from heat & cold, sun & rain, wind & dust as well as from exposure to chemicals



1 | SPACIOUS CAB

Big steps, a wide opening door and a flat floor make it easy to access. The cab is spacious with plenty of room to stretch but also to store.

2 | NEW DASHBOARD

The new dashboard provides a clear view on key machine parameters and critical information.

3 | COMFORTABLE SEAT

6B don't just come with any seat, but from the renowned brand Grammer. Keeping you comfortable and your back healthy. Including for / aft adjustability and a back support.

4 | CLIMATE CONTROLLED

No matter how extreme your climate zone. With the powerful air conditioning, heating and venting system 6B are ready for it.

5 | GREAT VISIBILITY

With 5.2 m² of glass area you always have great visibility to all sides. The new 180° windshield wiper makes sure it stays like that, be it heavy rain or dust.

6 | BETTER LIGHTING

The Economy Cab comes with 2 bright LED work lights in the front and 4 in the rear cab roof.

6 BETTER COMFORT

OPERATOR STATIONS

PREMIUM CAB

The Premium cab goes beyond function, providing you with maximum comfort, convenience and style. Following the principle, that a comfortable operator is a safer, more alert and productive operator.



1 | COMFORTABLE ATMOSPHERE

The Premium Cab comes with additional upholsteries, particularly around the rear fenders. These not only well integrate tractor controls and look nice, but also provide more storage capacities.

2 | NICE AND QUIET

Noise within the Premium Cab is reduced to the spare minimum. Thanks to the added upholsteries, but also given a 2 mm thicker floor mat and overall improved door sealing.



3 | SUPERIOR LIGHTING

Eight powerful LED lights (2 belt-line, 2 front roof, 4 rear roof) turn night into day. Letting you better monitor your surrounding and implement work when things get late.

4 | EASY PTO OPERATION

The wet-clutch PTO is very comfortable to engage / disengage. It's also friendly to your implements, given a modulated start.

5 | INSTRUCTOR SEAT

Whether it be your child, co-worker or friend. You'll have a comfortable and safe passenger seat to offer.

6 | ADDED VALUE

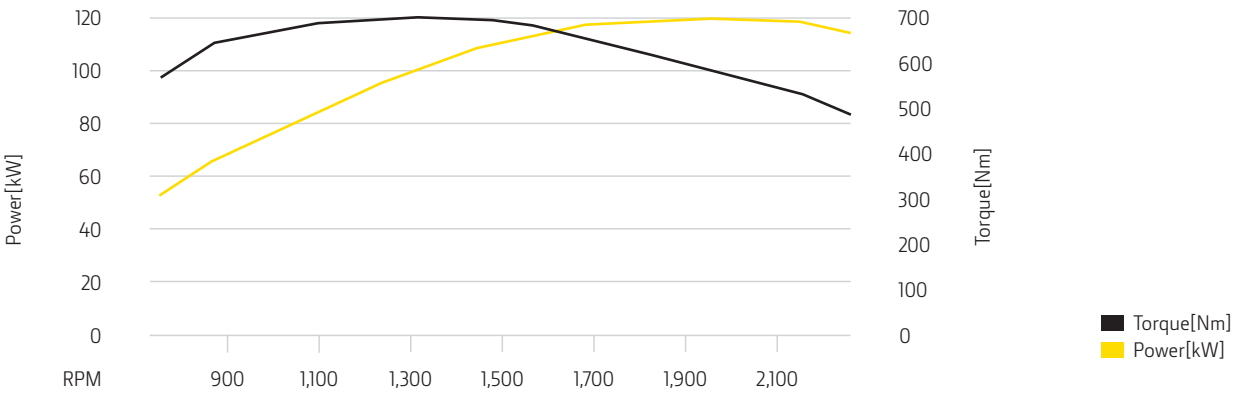
Plenty of detail add to the Premium Cab experience: sun-shade, de-fog function, improved venting / airflow, and an optional "radio".

6 BETTER PERFORMANCE

ENGINES

The performance requirements for agricultural engines are unique. And unforgiving. There's no room for compromises. That's why we build our own – fully optimized for agricultural applications.

JOHN DEERE POWERTECH™ E 6.8 L





EXCEPTIONAL RESILIENCE

When you hit a tough spot in the field, rest assured, the 6B will pull through. Given up to 40% torque rise with 95% of the engine torque still available at only 1100 rpm power goes up as rpm goes down. A major advantage over some other existing designs.

PROVEN TECHNOLOGY

John Deere Stage III 4.5 l & 6.8 l turbocharged engines have earned an excellent reputation around the globe over decades. With constant updates along the way to keep them state of the art.

A reputation of being extremely durable, powerful and incredibly efficient.



EFFICIENT COMBUSTION

Engine efficiency starts with a clean combustion. That requires clean air & fuel.

The PowerCore Airfilter comes with 20% higher air flow capacity and extracts over 93% of dust particle before they actually enter the primary filter. Only every 4.500 h it takes replacement of the secondary air filter.

The heavy-duty fuel filter & water separator take care of the rest.

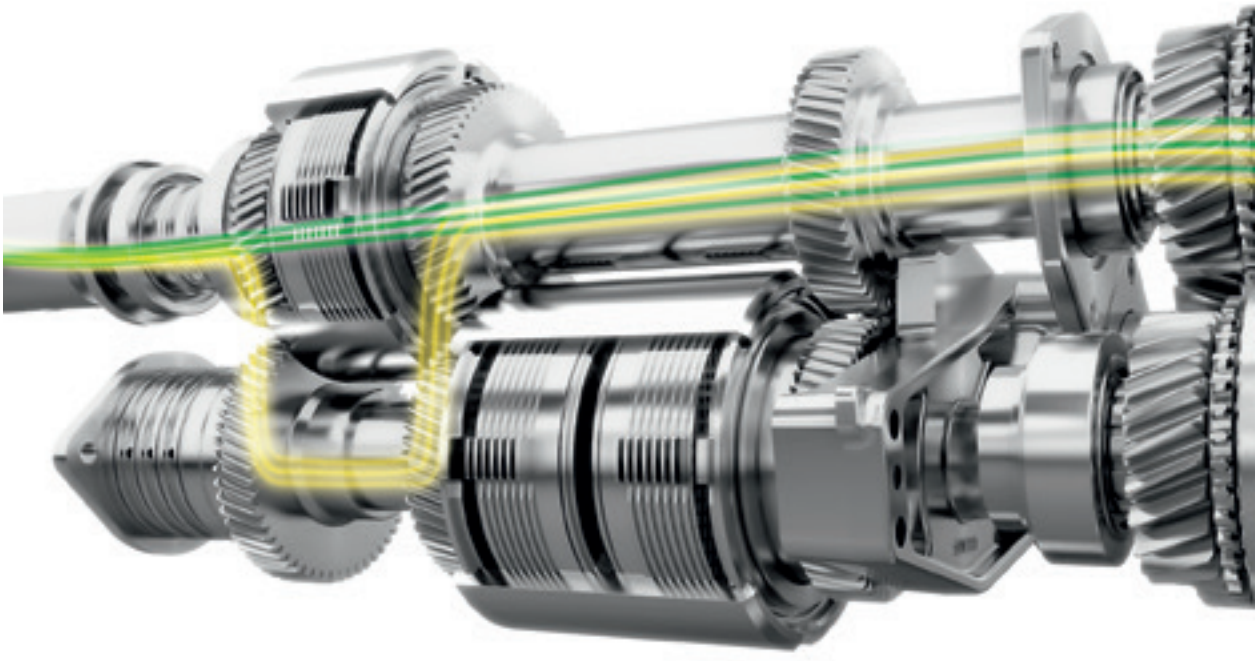
FAST RESPONSE

High Pressure Common Rail technology lets you benefit from low fuel consumption and superior engine response on load changes.

6 BETTER PERFORMANCE

DRIVETRAIN

With four gearbox options, the 6B family offers real flexibility to choose the right transmission to meet your specific needs. Top quality gear synchronization makes changing gears smooth and easy.



OPTIMIZED POWER TRANSFER

The highly efficient transmission features pressurized lubrication, large contact area helical gears for smooth, efficient and reliable power transfer.

Final drives come with up to four pinion gears. A key advantage over more cost-orientated bevel gear designs.

POWERSHIFT™ ON-THE-GO

Shift under full load, without clutching, by simply pushing the Hi-Lo button. Experience maximum productivity and comfort with the 24/12 Hi-Lo Power Reverser transmission.

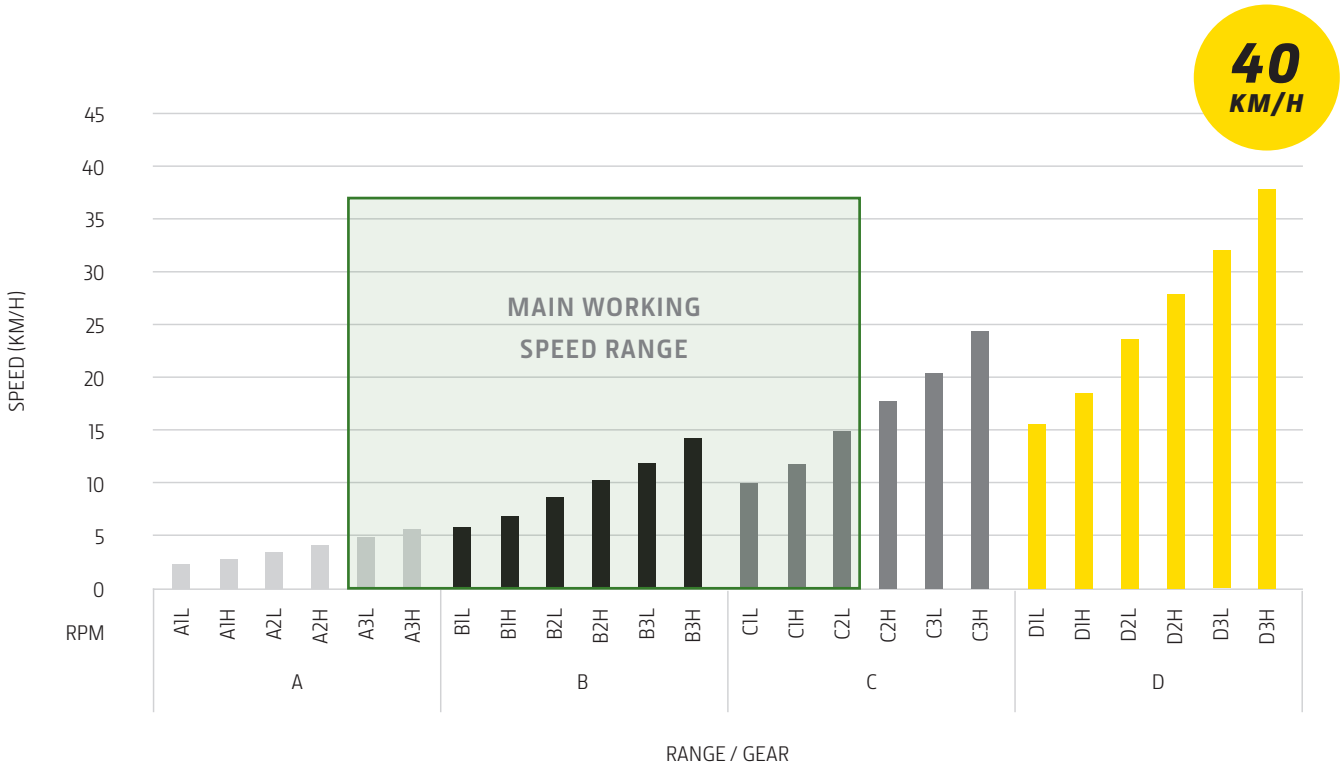
WET-CLUTCH DURABILITY

John Deere's famous self-calibrating, maintenance-free, oil-cooled PermaClutch is designed for life-time handling under maximum load conditions.

QUICK REVERSING

Quick, comfortable clutch-free power reversing at your finger-tip. Not only great for loader operation, but something you'll enjoy every single headland turn.





CREEPER OPTION

For slow speed applications you can choose the creeper option. Adding 6 gears to cover the speed range between 0.2 km/h and 0.9 km/h.

GEAR SPACING

11 well spaced gears in the main working range (5-15 km/h) ensure you'll always have the right gear available to operate in the ideal engine rpm range.

6 BETTER COMPATIBILITY

HYDRAULICS / HITCH / PTO / SCV

CAPABLE HYDRAULICS

The new generation 6B comes with enhanced hydraulic capabilities. Letting you connect to a greater variety of implements. Including those with an oil motor, requiring a constant flow.

- up to 3 rear SCVs
- 76 l/min flow rate
- pressure-compensated flow control
- 4 positions incl. detent

AVAILABLE ATTACHMENTS

- up to 2 mid mount SCVs
- Power Beyond and motor return kits
- case drain kit

+30%

HYDRAULIC OIL COOLING CAPACITY INCREASE





DESIGNED FOR STRENGTH

NO IMPLEMENT IN ITS CLASS IS TOO BIG

PTO FLEXBILITY

6B come with a reversible PTO shaft. Providing you the flexibility to quickly switch between various implement set-ups:

- 540 rpm / 6 spline
- 1000 rpm / 21 spline

MODULAR PTO ENGAGEMENT

The optional wet-clutch comes with a modular, thus very smooth engagement of the implement.

ADJUSTABLE WAGON HITCH

The 38 mm wagon hitch can be adjusted in height to optimize set-up with your implement.

IMPLEMENT COUPLING

Stabilized bars ensure safe and easy implement attachment.

HIGH LIFT CAPACITY

6B come with a CAT II or CAT III/N rear hitch. With up to 5.300 kg of maximum lift capacity it can just about lift anything.

6 BETTER VERSATILITY

LOADER / CHASSIS

Given it's maneuverability and structural strength, the 6B is great for loader work.

With the PowerReverser you can change directions – clutch free – at the tip of your fingers. Always with peace of mind having a wet-clutch that can handle peak loads with ease.



A PERFECT MATCH

Get the 6B with a John Deere 540M or H310 front loader and take advantage of the efficient ease of use that only our integrated design can deliver.

MECAHNICAL SELF-LEVELLING

The mechanical link on top of the boom enables the front loader to manage the position of the implement directly, keeping it level throughout the lifting cycle.

JOYSTICK

The front loader package comes with an ergonomic dual function control plus one diverter function joystick.



MID-MOUNTED SCV

The two M-SCV allow you to run your loader while keeping all rear SCV free to connect another implement.

DIFFERENT ROW CROP APPLICATIONS

With our multi-position flanged rims you can adjust tread settings with various positions technically from ~1.5 m to ~2.0 m. With optional hub extensions for front and rear you can even reach over 2.2 m.



A | 1.5 m

B | 2.0 m

6 BETTER TRACTION

RADIAL TIRES & BALLASTING FLEXIBILITY



Your soil is your asset. It will treat you well, when it is treated well. 6B tractors come with modern radial tires.

Radial tires not only allow you to operate with low inflation pressure – causing less compaction – but also provide significantly more traction, increased efficiency, better comfort and less wear.

Besides better flotation capability, less slip also means less damage to your soil structure.

This increases water absorption capacities after rainfalls. Thus better nutrient supply to your crop and less top soil errosion.

Correct weight distribution and flexible ballasting is essential for maximum power transfer, efficient but also safe work.

With up to 800 kg (16 x 50 kg) front ballast and up to 554 kg rear wheel weights, you can perfectly modify the 6B to your application needs.



With up to 3.5 t of payload, the 6B provides flexible options for ballasting and implements.



6 BETTER FARMING

ONBOARD & OFFBOARD SOLUTIONS

Better farming, means smart farming. Good news – the 6B is capable for it. Not just partially, but able to leverage the latest John Deere Tech-Stack. Both for Open Operator Station and Cab tractors.

While the 6B Series comes with JDLink™ connectivity from the factory, at any time you can retrofit an automated guidance solutions by simply adding a AutoTrac™ Universal Steering Kit, a StarFire™ Receiver and a display.

YOUR BENEFIT:

- up to 95% reduction of overlaps
- up to 14% productivity gains
- up to 8% input cost savings
- AccuRate™ work results in low visibility conditions
- less damage to root crops during harvest
- more comfort and less operator fatigue





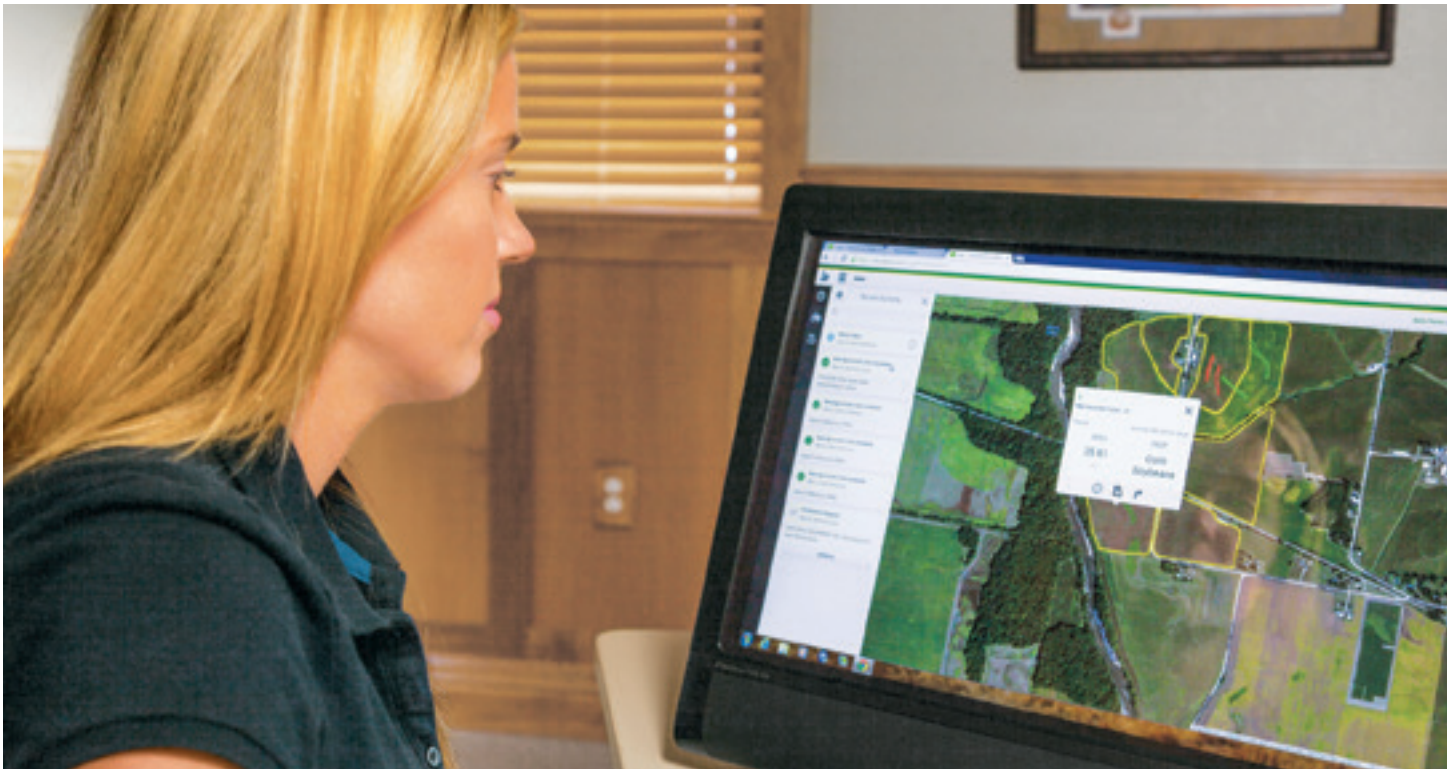




YOUR FARM IN YOUR POCKET – OPERATIONS CENTER

Manage your operation from your desktop or mobile device – anywhere at anytime:

- set up and manage your critical farm operations during off-season
- have jobs executed as intended, with less in-field errors and more efficiency
- enter the field and with only 1 click have your operator simply confirm the job details
- receive back & analyze documentation data to improve next season's crop
- monitor job quality, work progress and productivity in near real time





6 BETTER UPTIME

ROBUST DESIGN & CONNECTED SUPPORT

6B tractors are not only simple to operate but also simple to maintain and to repair. We have taken extra care to make all service points easily accessible. Expect to save lots of time on all your service tasks, from quick checks to extensive maintenance.

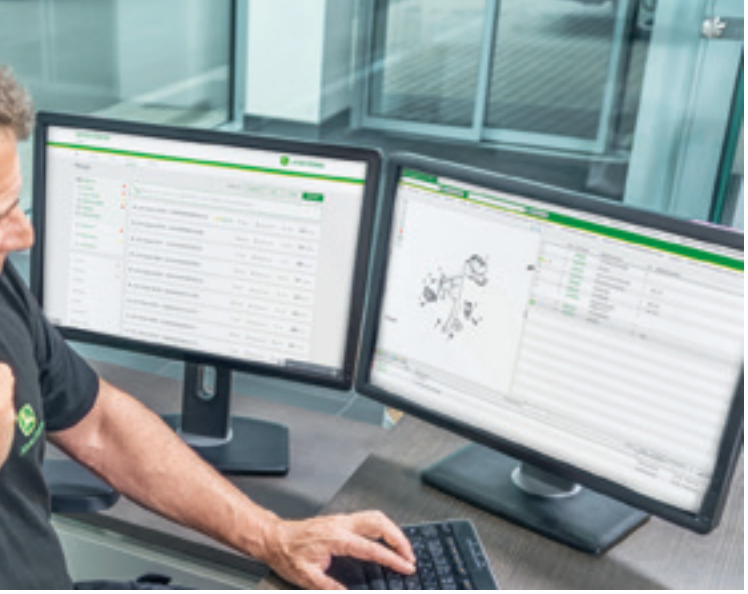
Robustness comes from structure. Structure means weight. Compared to other tractors at a similar power level the 6B has significantly more of it.

Obvious from outside: much stronger axles, rear differential housing, full ring flange rims with 4-5 times added strength ....

Hidden in the inside: final drives with up to 4 pinion gears, a straight Power Flow™ – overall a performance orientated design.

A significant advantage over cost orientated bevel gear designs, with less gear contact area, uneven force distribution and multiple directional changes of the Power Flow™.





CONNECTED SUPPORT

JDLink™ connects your 6B with you and your servicing dealer at anytime, anywhere:

- receive much faster dealer support, remote software updates & diagnosis
- have service technicians arrive at remote locations with the right tools & parts
- geo-fence your tractor, set alerts & monitor fuel usage to prevent theft
- benefit from remote display access & more quickly / better support operators
- automate office to field data exchange with wireless data transfer

1 | ENGINE FOR AGRICULTURE

- power bulge with increasing power at decreasing rpm
- strong structure & low rpm to handle high & rapidly changing loads



2 | POWERCORE AIR FILTER

- >93% of dust removed by tubes before entering primary filter
- 4500 h service interval for secondary air filter

3 | PULL-OUT RADIATOR SCREEN

- effectively protects radiator from debris
- easy to pull out & clean within seconds

4 | HEAVY-DUTY WATER SEPARATOR

- effectively reduces fuel pump, injector and cylinder wear
- increases operating efficiency

5 | LONG OIL SERVICE INTERVALS

- only every 500 h for engine oil
- only every 1000 h for hydraulic oil

6 | WET DRIVE & PTO CLUTCH

- maintenance free
- self-calibrating lifetime design

SPECIFICATIONS

	6095B		6110B	
	CAB	OOS	CAB	OOS
ENGINE				
Rated Engine Power (ECE-R120), hp (kW)	95 (70)		110 (81)	
Max Engine Power (ECE-R120), hp (kW)	96 (71)		114 (83)	
Constant Power Range [rpm]	2000 -2200		1800 - 2200	
Rated Speed, rpm	2200			
Type	John Deere PTM		John Deere PTE with High-Pressure Common Rail	
Cylinder / Displacement [l]	4 / 4,5			
Aspiration	Turbocharged / Intercooled			
Engine Air Filter	Standard Air Filter		PowerCore® G2 Air Filter with Pre-Cleaning	
Fuel Filter System	Two Stage with Heavy Duty Water Separator and Service indicator Light			
TRANSMISSION				
12X4 DC TSS 30K	n/a	■	n/a	■
12X4 WC TSS 40K	■	n/a	■	n/a
12X12 WC TSS 30K PR with 6x6 Creeper	□	□	□	□
24X12 WC TSS 40K HLPR	□	□	□	□
AXLES				
Rear Axle Flange Diameter [mm]	203			
Rear Wheel Tread Settings [mm] - (w/o wheel spacer hub)	1617-2017		1620-2020	
Rear Wheel Spacer Hub (available as field installed kit), mm	30 / 44 / 111			
Front Wheel Tread Settings [mm] - (w/o wheel spacer hub)	1625-2025		1740-2036	
Front Wheel Spacer Hub (available as field installed kit), mm	60			
DIFFERENTIAL LOCK				
Differential Lock – Rear Axle with Wet Disk Rear Brakes	Full-locking, mechanical in Cab			
ELECTRICAL SYSTEM				
Alternator / Battery	12V / 120AH			
STEERING				
Type	Hydrostatic Power-Steering			
Fixed Steering Column	n/a	■	n/a	■
Tiltable & Telescopic Steering Column w/o PR	■	n/a	■	n/a
Tiltable & Telescopic Steering Column with PR	□	□	□	□
HYDRAULIC SYSTEM				
Type	Open-Center with optional Pressure Compensated Flow Control			
Maximum Pressure	200 bar			
Rear Selective Control Valves	3	2 or 3	3	2 or 3
Flow @ Rated Engine Speed [l/min]	50/60/76		60/76	
Oil Take Out capacity , l	15			
Mid mount hydraulic valve	Field installed kit, with 2 independend functions for an integrated operation of mid-mounted implement or front loader			
HITCH / PTO				
Rear Hitch Category	2 / Ball or Hook Type			
Rear Hitch Max Lift Capacity @ Hitch Ball, kg	4,060		5300	
Rear Hitch Features	Load & Depth Control / Deluxe Sway Stabilizers			
Lower Link Stabilization	Deluxe Sway Stabilizers			
Rear PTO with Mechnical Control & Dry Clutch	n/a	■	n/a	■
Rear PTO with Electrical Control & Wet Clutch	■	□	■	□
Rear PTO Shaft Type	6-Spline 540 rpm / 21-Spline 1.000 rpm (Reversible Stub Shaft)			
Front Hitch / PTO	Optional via LAFORGE			
DRAWBAR & TRAILER HITCH				
Drawbar	Cat. II with Hammer Strap / 1,900 kg vertical load			
Wagon Hitch	Cat. II with 31 mm Pin / 1,900 kg Vertical Load (Field Installed Kit)			
Pneumatic Trailer Brake System	Optional via Tietjen GmbH			
CAB				
Economy Cab with AC/Heater	■	n/a	■	n/a
Premium Cab with AC/Heater	n/a	n/a	□	n/a
PRECISION AG				
Connectivity	JDLink™ Capable / JDLink™ M Modem			
AutoTrac™ Universal	Field Installed Kit			
CAPACITIES				
Fuel Tank [l]	160		220	
Cooling System [l]	22			
DIMENSIONS AND WEIGHTS				
Wheelbase [mm]	2310		2560	
Length [mm] - (incl. front weight & lower rear links)	4655		4835	
Height [mm] -(to top of roof)	2690	2915	2,740	2,965
Width [mm] - (Rear ballast to ballast)	2200		2300	
Ground Clearance [mm] - (MFWD center)	407		457	
Shipping Weight [kg]	4,170	4,020	4,400	4,250
TYRE SIZES				
Front Tyres	320/85 R24		380/85 R24	
Rear Tyres	420/85 R34		420/85 R38	

■ Base □ Option n/a Not available

6120B		6135B		6140B	6150B
CAB	OOS	CAB	OOS	CAB	CAB
120 (88)		135 (99)		140 (103)	150 (110)
124 (91)		139 (102)		145 (107)	156 (115)
1800 - 2200		1800 - 2200		1700 - 2200	1700 - 2200
2200					
John Deere PTE with High-Pressure Common Rail					
4 / 4,5				6 / 6,8	
Turbocharged / Intercooled					
PowerCore® G2 Air Filter with Pre-Cleaning					
Two Stage with Heavy Duty Water Separator and Service indicator Light					
n/a	■	n/a	■	n/a	n/a
■	n/a	■	n/a	■	■
□	□	□	□	□	□
□	□	□	□	□	□
203					275
1620-2020					1713-2017
30 / 44 / 111					94
1740-2036					
60					
Full-locking, mechanical in Cab					
12V / 120AH					
Hydrostatic Power-Steering					
n/a	■	n/a	■	n/a	n/a
■	n/a	■	n/a	■	■
□	□	□	□	□	□
Open-Center with optional Pressure Compensated Flow Control					
200 bar					
3	2 or 3	3	2 or 3	3	3
60/76					
15					
Field installed kit, with 2 independend functions for an integrated operation of mid-mounted implement or front loader					
2 / Ball or Hook Type					3N/Hook Type
5300					
Load & Depth Control / Deluxe Sway Stabilizers					
Deluxe Sway Stabilizers					
n/a	■	n/a	■	n/a	n/a
■	□	■	□	■	■
6-Spline 540 rpm / 21-Spline 1.000 rpm (Reversible Stub Shaft)					
Optional via LAFORGE					
Cat. II with Hammer Strap / 1,900 kg vertical load					
Cat. II with 31 mm Pin / 1,900 kg Vertical Load (Field Installed Kit)					
Optional via Tietjen GmbH					
■	n/a	■	n/a	■	■
□	n/a	□	n/a	□	□
JDLink™ Capable / JDLink™ M Modem					
Field Installed Kit					
220				250	
22				27	
2560				2677	
4835				4970	
2,740	2,965	2,740	2,965	2765	
2300				2300	
469				494	
4,520	4,370	4,520	4,370	4,750	4,910
380/85 R24				380/85R24	420/70R24
420/85 R38				460/85R38	520/70 R38

NOTHING RUNS LIKE A DEERE™

With our advanced Connected Support abilities you can benefit from pro-active services vs. reactive actions. But when things happen and you need us, you need us right then and there. For advice, to solve a problem, or for a part. Reach out, we'll be there with technicians who are factory trained, ready to work for you, using only genuine John Deere parts and products. But our commitment to quality doesn't stop at your machine – we also have financing options available that are guaranteed to fit your budget and your plans.



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