

6B SERIES

TRACTORS



JOHN DEERE

6B SERIES TRACTORS

PERFECTION OF SIMPLICITY AND RELIABILITY.

OUR ALL-ROUNDER 6B TRACTORS ARE DESIGNED AND ENGINEERED TO PERFORM WITH THE SAME MATCHLESS PROFICIENCY AS THE LARGER JOHN DEERE MACHINES.



GRAINS



HAY & FORAGE



HIGH VALUE CROP



PERFECTLY BALANCED

The two powershiftable Hi/Lo gears allow an increase in productivity of up to 15% and an improvement in fuel efficiency of up to 13% during heavy draft applications, thanks to shifting without traction loss.



HIGH PERFORMANCE & HIGH QUALITY

Our all-rounder 6B tractors are designed and engineered to perform with the same matchless proficiency as the larger John Deere machines.



MULTIPLE TRANSMISSION OPTIONS

30k & 40k transmissions with top quality synchronised gear shifting on the move ensure a smooth ride and drive experience. Equipped with a maintenance-free wet clutch offering efficiency and maximum uptime over the tractor's lifetime.



LONGRUNS EVERYWHERE

6B tractors feature up to 220 l fuel tank capacity for those long-running days during the peak season.



SERVICING

Service points are easy to access and the cooling system is easy to clean thanks to the tilting system units.



STRONG HYDRAULICS

6B tractors offer up to three SCVs with optional power beyond and motor return kits, together with up to 5,500 kg rear hitch capacity: more than enough for any implement in this class.

The 6B's advantages are reflected in all areas: performance, uptime, operator comfort, efficiency of operation and a design that responds to particular on-site requirements. 6B tractors are available in Premium and Deluxe Editions, customised according to the customer's needs.



POWER REVERSER EFFICIENCY

With the new PowerReverser transmission, travel direction changes are now comfortable, more convenient and faster for the highest work efficiency.

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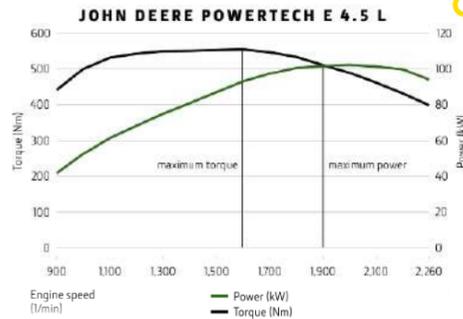
GRAINS



HAY & FORAGE



HIGH VALUE CROP



PUREPOWER

6B engines deliver uncompromising power. 95% of the engine torque is available at 1,100 rpm and maximum power at 1,900 rpm.



MANY APPLICATIONS - ONE TRACTOR

The 6B encompasses, on the one hand, compact and nimble design, and on the other hand amazing power and stability. One tractor for many applications.



WET CLUTCH DURABILITY

PowrReverser, with John Deere's famous self-adjusting PermaClutch for maximum reliability even during heavy load applications.



EASY OPERATION

The electrohydraulic PTO switch provides fingertip control for engagement and disengagement.



RIGHT BALANCE AND FULL FLEXIBILITY

Correct weight distribution and flexible ballasting is essential for maximum power transfer and efficient work. The 6B dimensions, structural chassis, wheelbase and ballasting flexibilities make this universal tractor series ready for every job.

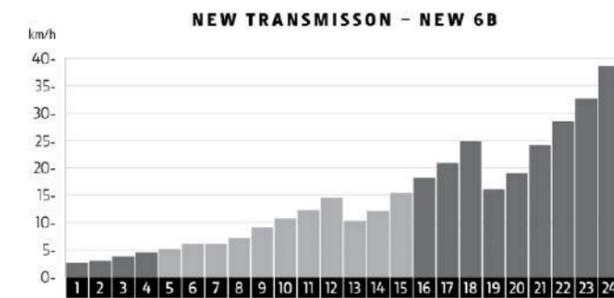


TAILORED UPGRADE

The 6B's modern cab now makes your working environment even more pleasant and efficient. The new PowrReverser, with its tiltable and telescopic steering column, combined with high performance air conditioning and the suspended seat, make every minute in your workplace an enjoyable experience.

	6095B	6110B	6120B	6135B
ENGINE PERFORMANCE				
Rated power (97/68EC) hp (kW)	95hp (70kW)	110hp (81kW)	120hp (88kW)	135hp (99kW)
Maximum Engine Power at rated rpm (97/68EC) hp (kW)	96hp (71kW)	114hp (84kW)	124hp (91kW)	139hp (103kW)
Rated Engine Power (ECE-R24) hp (kW)	90hp (66kW)	103hp (76kW)	112hp (82kW)	125hp (92kW)
Max Engine Power @1900rpm (ECE-R24) hp (kW)	92hp (68kW)	108hp (79kW)	117hp (85kW)	130hp (96kW)
Constant Power Range (rpm)	2000 - 2200		1800 - 2200	
Torque Reserve, Percentage (%)	22	29	29	29
Maximum Torque, Nm @1600rpm	370Nm	452Nm	494Nm	555Nm
Rated Speed (rpm)	2200rpm			
Engine Manufacturer	John Deere Power Systems			
Engine Type (4 Cylinder), Displacement	4.5L PowerTech™ M	4.5L PowerTech™ E		
Fuel System	Mechanical Rotary		High Pressure Common Rail	
Fuel Filter System	Two Stage with Heavy Duty Water Separator and Service Indicator Light			
Cooling System	Water Cooled Serial Radiator, Fixed Fan System			
TRANSMISSION OPTIONS				
CAB Tractors (Premium and Deluxe)	24F/8R TSS 30k Hi-Lo WC 24F/12R TSS 30k Hi-Lo PR WC	24F/8R TSS 40k Hi-Lo WC (Premium) 24F/12R TSS 40k Hi-Lo PR WC (Deluxe)		
OOS Tractors (Standard and Deluxe)	12F/4R TSS 30k DC 24F/12R TSS 30k Hi-Lo PR WC	12F/4R TSS 30k DC (Standard) 24F/12R TSS 40k Hi-Lo PR WC (Deluxe)		
CLUTCH				
Clutch	Dry Clutch (DC) / Wet Clutch (WC)			
REAR AXLE AND FINAL DRIVES				
Permissible Tread Setting - Front Axle, mm	1625 - 2025mm		1740 - 2036mm	
Permissible Tread Setting - Rear Axle, mm	1613 - 2013mm		1620 - 2020mm	
Engagement - Front Differential Lock	Automatic			
Engagement - Rear Differential Lock	Mechanical			
Front Axle Type	Mechanical Front Wheel Drive			
Rear Axle Type	Flanged Rear Axle			
Turning Radius, meter (measured with front fenders)	4.30m		5.50m	
ELECTRICAL SYSTEM				
Alternator	90 Amps/14.5 Volt			
Battery	12 Volt/120 Ah			
STEERING				
Type	Hydrostatic			
Steering Collumn	Fixed/Tilttable and Telescopic			
HYDRAULIC SYSTEM				
Type	Open Center / Constant Flow			
Flow @ Rated Engine Speed (L/Min)	50 L/Min (Standard/Premium Package - for 2x SCV's		60 L/Min (Deluxe Package - for 3x SCV's Package	
Selective Control Valves (Number & Position)	2/3 Hydraulic Selective Control Valves, Rear			
Maximum Pressure	2000 bar			
3- POINT HITCH REAR				
Type	Heavy Duty, mechanical load and depth control, lower link sensing			
Category	Category II, Ball-end Type Hitch Arms			
Lift Capacity (measured @ 610mm behind hook point)	2500kg	3300kg		
Maximum Lift Capacity @ Hitch Ball Ends	4100kg	5400kg		
Lower Lift Stabilization	Deluxe Sway Stabilizers			
DRAWBAR				
Swinging Drawbar	Cat II with 31mm pin			
Maximum Vertical Load on Drawbar (retracted position)	1900kg			
Wagon Hitch Drawbar	Cat II with 31mm pin - Available as field installed kit			
Maximum Vertical Load on Wagon Hitch	2000kg			
REAR POWER TAKE-OFF (PTO), 540/1000RPM				
Type	Mechanical/Electro Hydraulically Operated PTO			
Clutch Type	Dry Clutch / Wet Clutch			
PTO Speed Change	Mechanical Reversible - Stub Shaft			
PTO Shaft	6 Spine/540 rpm or 21 Spline/1000rpm Stub Shaft			
Engine RPM & Rated PTO Speed	2200 rpm			

	6095B	6110B	6120B	6135B
OPERATOR STATION				
CAB Tractors (Premium and Deluxe)	HAVAC CAB (Heated, vented air-conditioned CAB)			
OOS Tractors (Standard and Deluxe)	Two Post Roll Over Protective Structure (ROPS) with Canopy (w/o lights in canopy)			
Instrument Panel	Integrated Dashboard Display			
CAPACITIES				
Fuel Tank (L)	150 L		220 L	
DIMENSIONS AND WEIGHTS				
Wheelbase (mm)	2310		2560	
Overall Height (mm)	2730		2830	
Overall Length (mm)(with base weight/with front weights)	4235/4655		4415/4835	
Ground Clearance (mm). Center MFWD without front ballast	395	425	455	455
Tractor Weight (kg) (shipping weight no ballasting)	4165 kg	4400 kg	4630 kg	4630 kg
Maximum Permissible Gross Weight (kg)	6200 kg	6800 kg	6800 kg	8000 kg
WHEELS AND TYRES				
Front Wheels (Radial Tire Technology)	320/85R24	340/85R24	380/85R24	380/85R24
Rear Wheels (Radial Tire Technology)	420/85R34	460/85R34	460/85R38	460/85R38



TRANSMISSIONS

	RATED ENGINE HP (97/68EC)	MAX ENGINE HP (97/68EC)	ENGINE TYPE	TRANSMISSION OPTIONS
CAB MODELS				
6095B Premium	95	97	PTM	24F/8R TSS 30k Hi-Lo WC
6095B Deluxe	95	97	PTM	24/12R TSS 30k Hi-Lo PR WC
6110B Premium	110	115	PTE	24F/8R TSS 40k Hi-Lo WC
6110B Deluxe	110	115	PTE	24F/12R TSS 40k Hi-Lo PR WC
6120B Premium	120	125	PTE	24F/8R TSS 40k Hi-Lo WC
6120B Deluxe	120	125	PTE	24F/12R TSS 40k Hi-Lo PR WC
6135B Premium	135	140	PTE	24F/8R TSS 40k Hi-Lo WC
6135B Deluxe	135	140	PTE	24F/12R TSS40k Hi-Lo PR WC
OOS MODELS				
6095B Premium	95	97	PTM	12F/4R TSS 30k DC
6095B Deluxe	95	97	PTM	24F/12R TSS 30k Hi-Lo PR WC
6110B Premium	110	115	PTE	12F/4R TSS 30k DC
6110B Deluxe	110	115	PTE	24F/12R TSS 40k Hi-Lo PR WC
6120B Premium	120	125	PTE	12F/4R TSS 30k DC
6120B Deluxe	120	125	PTE	24F/12R TSS 40k Hi-Lo PR WC
6135B Premium	135	140	PTE	12F/4R TSS 30k DC
6135B Deluxe	135	140	PTE	24F/12R TSS 40k Hi-Lo PR WC

IDEAL RANGES FOR ALL

A	2.5 2.9 3.7 4.4 5.1 6.0 A1L A1H A2L A2H A3L A3H	Feeding, front loader, potato applications
B	6.0 7.1 8.9 10.6 12.2 14.5 B1L B1H B2L B2H B3L B3H	Cultivation, seeding, ploughing, baling
C	10.2 12.1 15.3 18.1 20.8 24.7 C1L C1H C2L C2H C3L C3H	Slurry & fertiliser applications, spraying, mowing
D	15.9 18.9 24.0 28.3 32.5 38.5 40.2 D1L D1H D2L D2H D3L D3H D3MAX	Transport

Speed (km/h)
 Gear

IN THE FIELD

6B tractors put you ahead in the field thanks to densely designed gears to run in every application at the optimum working speed and the optimum engine speed.



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