

6030 Series Tractors

61 to 114 kW (83 to 155 hp) (97/68 EC)





Broader Visibility

The expansive front window and optional glass roof hatch provide a wide-open view to your surroundings. Visibility to the rear drawbar is also unobstructed for quick and easy hook-ups.



Broader Comfort

This cab cradles you in comfort as you power through your tasks. Plus, an electrical left hand reverser makes loader work fast, easy and smooth.



Broader Line-up

High horsepower combined with the proven reliability of the 6830 and 6930, make them ideal for livestock and arable operations.



New Triple Link Suspension

New Triple Link Suspension provides higher operator comfort, reduces operator fatigue and increases productivity in the field and on the road.

Broaden your horizon

Are you looking to expand your operation's horizons? The powerful and versatile line of 6030 Series tractors can help.

High horsepower combined with proven reliability. The 103 kW (140 hp) 6830 and 114 kW (155 hp) 6930 – deliver extra muscle to tackle tough jobs in arable applications.

The quiet, comfortable cab, provides you with wide-open visibility and easy to operate controls. Add new Triple Link Suspension and you'll enjoy an ultra-smooth ride and put more tractor power to the ground.

At A Glance –

- Greater selection
- Two models especially for arable operations
- Spacious, comfortable cab
- Efficient engine

Models*

6130 – 61 kW (83 hp)	6630 – 95.5 kW (130 hp)
6230 – 70 kW (95 hp)	6830 – 103 kW (140 hp)
6330 – 77 kW (105 hp)	6930 – 114 kW (155 hp)
6430 – 85 kW (115 hp)	
6530 – 88 kW (120 hp)	* All models to 97/68 EC

Table of Contents

Introduction.....	2-3	Arable Operations.....	12-13
Cab/Comfort.....	4-5	Service/Support.....	14
Engine.....	6-7	Specifications.....	15
Transmissions.....	8-9	Dealer Commitment.....	16
Livestock Operations.....	10-11		

Exceptional visibility

Ease into the spacious cab from either side and surround yourself in all-day comfort and convenience.

Visibility in all directions is exceptional. Controls are logically placed, easy to use and within close reach. It's a comfortable environment that makes your working day more enjoyable and more productive.

But it doesn't stop there. Left and right hand doors, high capacity ventilation and a spacious interior, ensure you get the highest possible level of functional luxury in this tractor class.

After your first few minutes of operating from the cab you'll agree, John Deere quality is unmatched.



Optional instruction seat can be folded out of the way when not in use.



Optional roof hatch with glass makes it easy to see loads that are normally out of sight when working in tight, low buildings.

Optional tiltable front windshield can be adjusted to improve cab air flow.



1 Instantly change direction with the electric left hand reverser while you keep your right hand on the controls. Loader work and complex headland turns are smooth and easy.

2 Our tilt/telescopic steering column adjusts to fit almost any operator perfectly.

3 The easy to read instrument cluster conveniently moves with the steering column.

4 The heating and cooling system is strategically placed within easy reach on the right hand console. The result is an unobstructed view out of the front windshield.

Optional FieldOffice provides removable storage for pens, notes, manuals and documents.



At A Glance –

- Exceptional visibility
- Easy to use controls
- Spacious, comfortable cab



At A Glance –

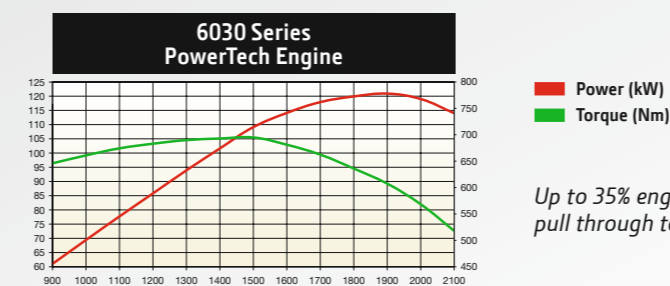
- 4.5 L and 6.8 L PowerTech engines
- HPCR engine delivers excellent performance
- Dual-stage charge air cooler and dual temperature cooling system improve fuel economy

Reliable power

When you're ready to start working, our field-proven 4.5 L and 6.8 L PowerTech engines are ready. Our 2-valve High Pressure CommonRail (HPCR) engines deliver rapid response and efficiency.

High torque and extra power comes from the dual-stage temperature cooling system and charge air cooler. This combination keeps fuel consumption and maintenance costs low.

It's a total package of John Deere innovation and reliability that can help you keep your operational costs low.



Up to 35% engine torque rise helps you pull through tough conditions.

Tillage work is no challenge for the robust power of the 6830 or 6930.

1 Power core air filter with built-in pre cleaner removes more than 93% of the foreign material before it reaches the filter element.

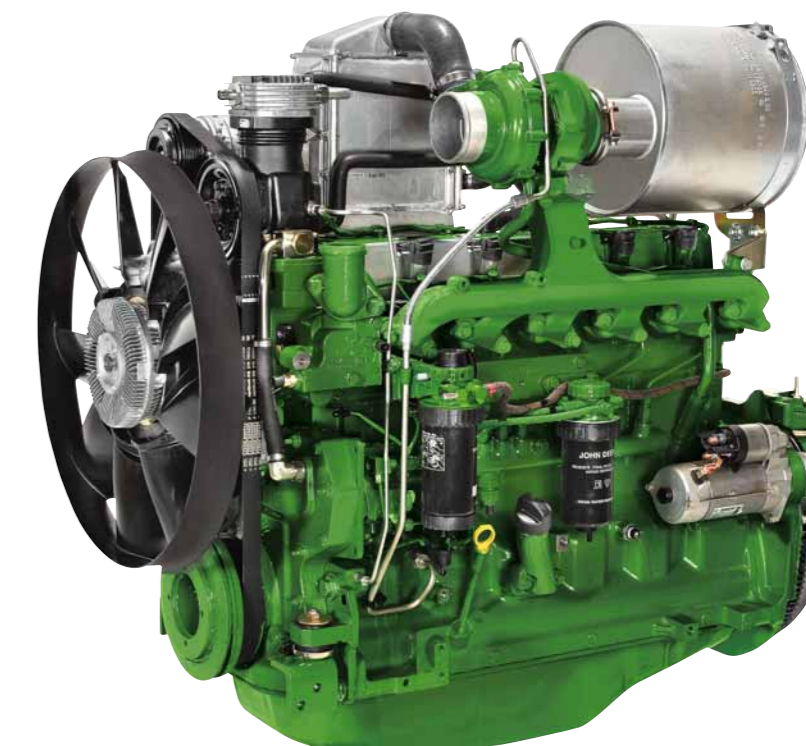
2 Dual-temperature cooling system helps our engines run at peak performance and efficiency.

3 The 2V-CR (two valves per cylinder and CommonRail fuel delivery) delivers excellent torque reserve – up to 35% – plenty of lugging ability.

4 Power when you need it – up to 5%, plus 20% constant power. You'll always have the power you need.

5 Electronically controlled HPCR fuel injection delivers unmatched fuel efficiency.

6 Dual-stage charge air cooler with twin coolant pass system provides accurate temperature control for improved performance and outstanding fuel efficiency.



PowrQuad Plus Transmission

Optional 16/16 PowrQuad Plus Transmission offers four powershiftable speeds in each of four fully synchronised ranges. Shifting between ranges can be done with the single-lever range shuttle and clutch.

Optional 24/24 PowrQuad Plus Transmission with up to 40 km/h top speed is available on all models. You get more gears in the main working range and more flexibility.



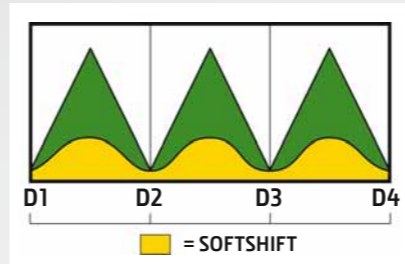
Quickly and easily change directions with the electric left hand reverser – standard equipment with the PowerReverser 16/16 and PowrQuad transmissions.



Three ways to harness the power

You can choose from one of three different transmissions to harness the power of your 6030 Series tractor.

- **6030 Series tractors:** SyncroPlus (30k), PowerReverser (30k and 40k), PowrQuad Plus (30k and 40k).
- **Open Station 6030 Series tractors:** Syncro Plus (30k), PowerReverser (30k and 40k), PowrQuad Plus (30k and 40k).



Our exclusive SoftShift technology provides you with smooth gear changes, even under load. The engine and transmission communicate electronically to provide smooth, integrated shifts for enhanced operator comfort. SoftShift comes standard on both PowrQuad Plus transmissions.



SyncroPlus 12/4 transmission has 12 forward and 4 reverse speeds. Ranges and speeds are fully synchronised and allow you to shift on-the-go. First and reverse gears are positioned in-line for easy forward/reverse shifting.



Optional PowerReverser 16/16 has 16 forward and 16 reverse speeds, plus a left hand reverser for clutchless direction changes that speed up loader work.

At A Glance –

- 3 main transmission choices with multiple options
- Comfortable, easy to use controls
- Left hand reverser on select models

New versatility for livestock producers

Livestock producers know the importance of having a dependable tractor. Our tractors are rugged, dependable and more versatile than ever.

Add a John Deere loader to move large bales, clean pens or load feed. And an integrated left hand reverser makes it easy to quickly change direction regardless of the loader application you are performing.

But that's not all. These tractors are also an ideal choice for towing, baling, spreading manure and all of the other tasks around your operation.



When it comes to making quality hay we make it simple. Our tractors, balers, sprayers and monitors are all John Deere built and work seamlessly together. Connections are trouble-free. Ask your local dealer about a complete John Deere hay-making solution that fits your operation.

At A Glance –

- Integrated left hand reverser and great visibility make loader work quick and easy
- Full-frame, long life design ensures years of dependable service

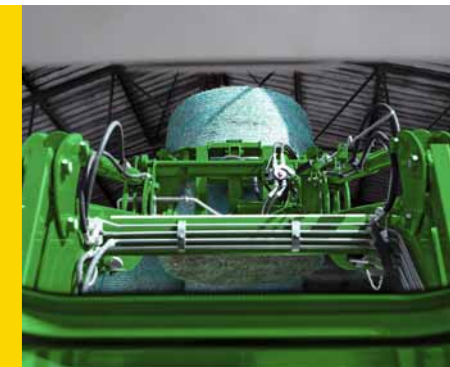


Views out of the front window are unobstructed so you can operate your loader with confidence – especially in confined areas, barns or other buildings.

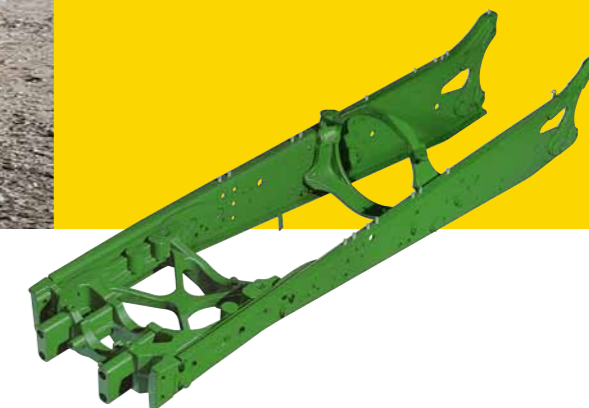
The optional joystick provides convenient operation and unrestricted movement in the cab. In combination with our PowrQuad Plus transmissions, you'll find speed buttons on top of the handle for easy up or down shifts.

An auxiliary hydraulic function switch on the front of the joystick makes it easy to operate attachments such as a grapple or silage cutter.

The reliable, self adjusting PermaClutch 2 main drive clutch ensures long lasting performance and smooth modulation engagements.



Our tractor's full-length frame manages the load stresses, even when the bucket is filled unevenly. This reduces the twisting forces on the engine and drive train components during operation.





Stay one step ahead

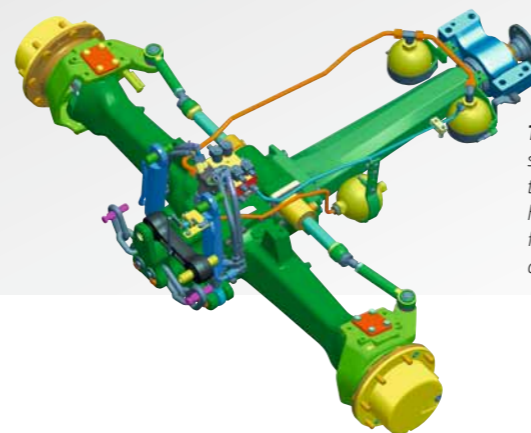
Till, disc or seed your field. Or, haul in your last load of grain. Our 6030 Series tractors help you broaden the horizons of your arable operation and keep you one step ahead.

The 103 kW (140 hp) 6830 and 114 kW (155 hp) 6930 are made to work on large livestock or arable operations. Put more power to the ground with the available new Triple Link Suspension (TLS) and enjoy a smooth ride. These tractors also come equipped with innovative hitches that use linear rockshaft control and hitch dampening to smooth out your ride during transport.

Optional electronic hitch sensing,* and a conveniently located remote on the fender, make implement connecting quick and easy.

The in-cab PTO speed change system, makes it easy to move between implements.

**Standard in UK and Ireland*



Triple Link Suspension (TLS) is a true suspension system, so front wheels follow the ground contours. It absorbs bumps hydraulically instead of passing them to the frame and cab. You maintain better traction and increase pulling power.

- At A Glance –**
- Two high horsepower models
 - Available with new Triple Link Suspension
 - Excellent visibility to the drawbar
 - In cab PTO speed change makes implement changes easy



You have a clear, unobstructed view to the drawbar from the cab. Hydraulic couplers are positioned out of your line of sight making implement connecting quick and easy.



As versatile as you need. The unique three-in-one hitch rail lets you use a variety of connections, from ball, wagon to pylon. *A pick-up hitch is also available. These tractors can accommodate almost any system around.



We offer a number of guidance options for your tractor. Our most accurate system is hands-free AutoTrac Assisted Steering. Or, you can expand your investment in AutoTrac across additional platforms and choose the Universal AutoTrac system. It's compatible with 6030 Series tractors and also fits many other John Deere and non John Deere tractors. Your local dealer can help you choose the guidance system that best fits your operation.

**Standard in UK and Ireland*

Maintenance made simple

Servicing your 6030 Series tractor is easy. The single-piece tilt hood features two positions for easy engine, radiator and component access. A strong gas strut holds the hood securely in place at a 45 degree angle while you work. Or, if needed, you can override the strut and position the hood vertically, for maximum access.

Easy access to filters and service points help ensure that critical maintenance tasks are accomplished without difficulty. Plus, the engine oil change interval is 500 hours. That helps keep your cost of ownership low.

In addition, other vital components such as brakes and clutches require little or no maintenance. They're built to provide excellent service throughout the normal life of the tractor.



Easy to service. Multiple service-free components and easy daily service points minimise the need for more extensive care.

At A Glance –

- Single-piece tilt hood for easy access to critical service points
- 500 hour engine oil change interval
- Multiple service-free components reduce cost of ownership



Specifications

Engine Performance	6130	6230	6330	6430	6530	6630	6830	6930
Stage III certified acc. 97/68/EC								
Power (97/68/EC) at rated speed (w/o fan)	61 kW (83 hp)	70 kW (95 hp)	77 kW (105 hp)	85 kW (115 hp)	88 kW (120 hp)	95.5 kW (130 hp)	103 kW (140 hp)	114 kW (155 hp)
Max. Power (97/68/EC)	64 kW (87 hp)	73.5 kW (100 hp)	81 kW (110 hp)	89 kW (121 hp)	92.5 kW (126 hp)	100.5 kW (137 hp)	108 kW (147 hp)	120 kW (163 hp)
Power (ECE-R24) at rated speed (with fan)	59 kW (80 hp)	67 kW (91 hp)	73.5 kW (100 hp)	82 kW (111 hp)	85 kW (115 hp)	92.5 kW (126 hp)	99 kW (135 hp)	110 kW (150 hp)
Max. Power (ECE-R24)	62 kW (84 hp)	70.5 kW (96 hp)	77 kW (105 hp)	86 kW (117 hp)	89 kW (121 hp)	97 kW (132 hp)	104 kW (141 hp)	116 kW (158 hp)
Cylinders/Turbo/Charge Air Cooler/Displacement	4/T/X/4530 ccm	4/T/X/4530 ccm	4/T/X/4530 ccm	4/T/X/4530 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm
Rated Speed	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2100 rpm	2100 rpm
Max. Power at engine speed	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	1900 rpm	1900 rpm
Engine Speed at max. Torque	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1500 rpm	1500 rpm
Constant power range	460 rpm	460 rpm	460 rpm	460 rpm	460 rpm	460 rpm	420 rpm	420 rpm
Torque Reserve	34%	33%	34%	33%	34%	33%	34%	34%
Fuel injection system	Full authority electronic engine management							
Type of injection	2 Valve High Pressure CommonRail							
Cooling	Dual Temperature Cooling							
Fan	Temperature controlled viscous fan							
Air cleaner	PowerCore precleaning							
Clutch	Oil cooled, PermaClutch 2, 225 mm diameter discs							
Transmission								
SyncroPlus								
12/4; 2.5 – 30 km/h	•	•	•	•	•	•	–	–
PowerReverser				Electrical Left Hand PowerReverser with neutral position; F/R Ratio 1:1				
16/16; 1.9 – 30 km/h or 2.5 – 40 km/h	•	•	•	•	•	•	–	–
PowrQuad Plus				4 powershiftable gears; Electrical Left Hand PowerReverser with neutral position; F/R Ratio 1:1				
16/16; 2.5 – 30 km/h	•	•	•	•	•	•	–	–
16/16; 3.1 – 40 km/h	•	•	•	•	•	•	–	–
20/20; 2.5 – 40 km/h	–	–	–	–	–	–	•	•
24/24; 1.6 – 40 km/h	•	•	•	•	•	•	–	–
Additional 12/12 Creeper reduction 1:10				Option for PowerReverser and PowrQuad Transmission				
PTO – Rear								
PTO Clutch				Electro-hydraulically operated oil cooled multi-disc clutch				
540/540E/1000 Rear PTO at rated PTO speeds	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	1995/1743/1995	1995/1743/1995
Brakes								
Foot brake	Oil cooled discs, self equalising, self adjusting							
Parking lock	Transmission parking position.							
4WD braking	Automatic 4WD engagement							
Axles								
2WD version	•	•	•	•	•	•	–	–
Engagement 4WD				Electro-hydraulically operated, oil cooled clutch				
Engagement front differential lock				Automatic self locking under full load				
Engagement rear differential lock				Electro-hydraulically operated, oil-cooled multi-disc				
Caster angle/turning radius w/o brakes 4WD	12°/4440 mm	12°/4440 mm	12°/4500 mm	12°/4500 mm	12°/5100 mm	12°/5100 mm	12°/5200 mm	12°/5200 mm
Hydraulic System and 3-point-hitch								
Type (base)	Load sensing with constant flow pump (PC = pressure compensated)							
Type (option)	–	–	–	–	–	–	Pressure and flow compensated (PFC)	
Pump capacity/maximum pressure with PC			54 or 63 or 81 Liter/min with 200 bar (PC)				81 Liter/min with 200 bar (PC)	
Pump capacity/maximum pressure with PFC							110 Litre /min with 200 bar (PFC)	
Category	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II/IIIN	II/IIIN
Sensing type	Electronic lower link							
Sensing modes	Load & depth control, infinite mix, float							
Control modes	Height limiter, working depth, rate of drop, quick raise, quick pull-in; Hitch dampening							
Max. lift capacity base/optional	39.9 kN/51.0 kN	45.9 kN/51.0 kN	45.9 kN/51.0 kN	51.0 kN/59.0 kN	51.0 kN/59.0 kN	51.0 kN/66.2 kN	74.4 kN/84.0 kN	74.4 kN/84.0 kN
Capacity								
Fuel Tank base/optional	165 Litre/185 Litre	165 Litre/185 Litre	165 Litre/185 Litre	165 Litre/185 Litre	207 Litre/250 Litre	207 Litre/250 Litre	250 Litre/325 Litre	250 Litre/325 Litre
Alternator/Battery	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah
Hydraulic & Transmission oil/change interval	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h
Engine Oil/change interval	16 Litre/500 h	16 Litre/500 h	16 Litre/500 h	16 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h
Engine Coolant/change interval	24 Litre/3000 h	24 Litre/3000 h	24 Litre/3000 h	24 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h
Cab								
Specification	Tilttable cab; 310° all-round vision; climate control, telescoping and tilttable steering column/wheel; opt. FieldOffice							
Sound Reduction/Level	71 dB(A)	71 dB(A)	71 dB(A)	71 dB(A)	70 dB(A)	70 dB(A)	72 dB(A)	72 dB(A)
Display	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel
Dimensions and Weights								
Wheelbase	2400 mm	2400 mm	2400 mm	2400 mm	2650 mm	2650 mm	2650 mm	2650 mm
Width x Height x Length	2275 x 2718 x 4289 mm	2275 x 2718 x 4289 mm	2316 x 2743 x 4289 mm	2316 x 2743 x 4289 mm	2316 x 2833 x 4728 mm	2316 x 2833 x 4728 mm	2382 x 2923 x 4758 mm	2382 x 2923 x 4758 mm
With tyre size	14.9R24 and 16.9R38	14.9R24 and 16.9R38	16.9R24 and 18.4R38	16.9R24 and 18.4R38	420/70R28 and 18.4R38	420/70R28 and 18.4R38	16.9R28 and 20.8R38	16.9R28 and 20.8R38
Minimum shipping weight	4640 kg	4640 kg	4745 kg	4745 kg	5165 kg	5165 kg	5635 kg	5635 kg
Maximum Permissible Gross Weight at 40 km/h	7600 kg	7600 kg	8200 kg	8200 kg	8500 kg	9500 kg	10000 kg	10500 kg

* Specifications and design subject to change without notice

World-class sales, service and support

When it comes to service and support after the sale, nothing matches the reliability of your John Deere dealer.

Whether it's a critical parts requirement for any of your equipment, regular tune-ups or emergency repair, your dealer stands ready to deliver the prompt, friendly service. It's all part of our long term commitment to your success.

No matter what your power requirements, our dealers have the products and services you need to run a successful operation.

At A Glance –

- A worldwide network of dealers ensure support wherever you need it
- 24-hour access to parts and online ordering
- Unmatched product knowledge



This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions.

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JOHN DEERE CREDIT

"Take the credit for buying the best"

John Deere Credit – 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.

"Not available in all countries please consult your local dealer"