

# 6030 Series Tractor

63 to 114 kW (85 to 155 hp) (97/68 EC)



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### At A Glance:

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

### Models\*:

- 6130-63 kW (85 hp)
- 6230-70 kW (95 hp)
- 6330-77 kW (105 hp)
- 6430-88 kW (120 hp)
- 6534-92 kW (125 hp)
- 6630-99 kW (135 hp)
- 6830-107 kW (145 hp)
- 6930-114 kW (155 hp)

\* All models to 97/68 EC

## Broaden your horizons.

Want to expand your operation's horizons? Look no further than our powerful, versatile and efficient line-up of 6030 Series Tractors.

The 6030 Series offers high horsepower combined with John Deere's proven reliability. The 107 kW (145 hp) 6830 and 114 kW (155 hp) 6930 deliver extra muscle to tackle the kind of tough jobs you face daily in arable applications.

Want even more efficiency? Get our new 6534 model. We've fitted a lighter yet more powerful 4 cylinder engine into our incredibly stable 6-cylinder full frame chassis so that you can carry larger loads, pull more easily on inclines and roads, and still reduce your fuel consumption. In combination with the large fuel tank and big load spreading tyres you have a clear advantage in the fields and on the road providing more full-day productivity.



### 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 hookups.



### Broader Comfort

The cab cradles you in comfort as you power through your tasks. Plus, the left-hand reverser makes loader work fast, easy, and smooth.



### Broader Line-up

The 6830 and 6930's high horsepower and proven reliability make them ideal for livestock and arable operations.



### Broader Productivity

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

## Exceptional visibility.

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

Enjoy exceptional visibility in all directions as well as controls that are logically placed, easy to use, and within close reach. It's a comfortable environment that makes your work 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.



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



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



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

### At A Glance:

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



- 1** Instantly change direction with the optional electro-hydraulic 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 Field Office™** provides removable storage for pens, notes, manuals and documents.



## 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 Common Rail (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.

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



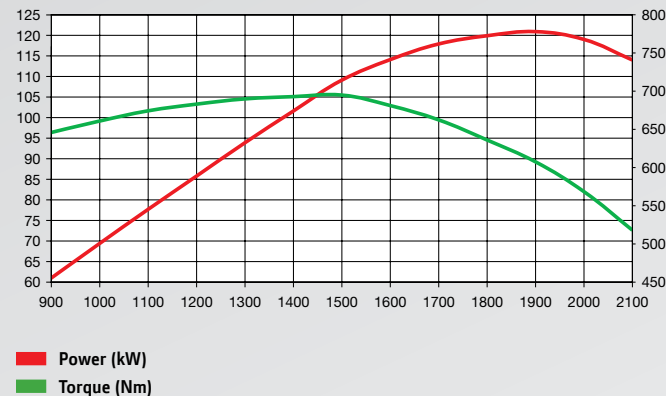
### At A Glance:

- 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



- 1 Power core air filter** with built-in pre-cleaner removes more than 93% of 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 Common Rail fuel delivery)** delivers excellent torque reserve—up to 32%—giving you plenty of lugging ability.
- 4 Extra 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 excellent fuel efficiency.
- 6 Dual-stage charge air cooler** with twin coolant pass system provides accurate temperature control for improved performance and outstanding fuel efficiency.

### John Deere PowerTech™ Engine (Up to 32% engine torque at 6930)



Up to a 32% engine torque rise helps you power through tough conditions.

## PowrQuad™ Plus Transmissions.

**16/16 PowrQuad™ Plus Transmission** offers four power shiftable speeds in each of the four fully synchronised ranges. Shift between ranges with the single-lever range shuttle and clutch (not for 6830/6930).

**24/24 PowrQuad™ Plus Transmission** with up to 40 km/h top speed is available on almost all models. You get more gears in the main working range and more flexibility (6830 and 6930 come with a 20/20 PowrQuad™ Plus transmission in base).



Quickly and easily change direction with the electro-hydraulic left-hand reverser—standard equipment on selected PowrReverser™ and PowrQuad™ Plus transmissions.



### At A Glance:

- 3 main transmission choices with multiple options
- Comfortable, easy-to-use controls
- Left-hand reverser on selected PowrReverser™ and PowrQuad™ Plus transmissions

## 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™ transmission (30 km/h), PowrReverser™ (30 and 40 km/h), PowrQuad™ Plus transmission (30 and 40 km/h) (6830/6930 comes with PowrQuad™ Plus 40 km/h).

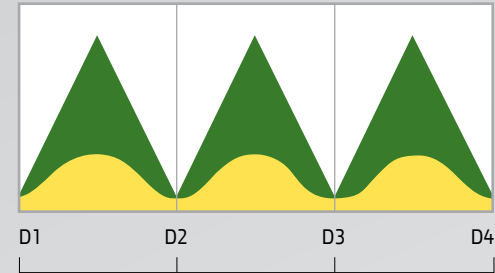
**Open Station 6030 Series Tractors:** SyncroPlus™ (30 km/h), PowrReverser™ (30 and 40 km/h), PowrQuad™ transmission (30 and 40 km/h).



**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.



**PowrReverser™ 16/16** has 16 forward and 16 reverse speeds, plus a left-hand reverser (on selected versions) for clutchless direction changes that speed up loader work.



SoftShift

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.

**24/24 PowrQuad™ Plus Transmission** with single lever shifting.



## New versatility for livestock producers.

**A dependable tractor is a must in the livestock business and our rugged and versatile tractors are up to the task.**

A John Deere loader moves large bales, cleans pens, and loads feed with ease. Use the integrated left-hand reverser to quickly change directions 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.

The John Deere loader works perfectly in combination with the Triple Link Suspension (TLS™). You go faster moving bales out from the field without losing ride comfort.



### **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



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

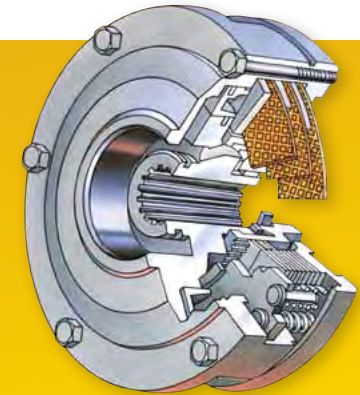
An auxiliary hydraulic function switch on the front of the joystick makes it easy to operate attachments such as a grapple or silage cutter.



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



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.



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.



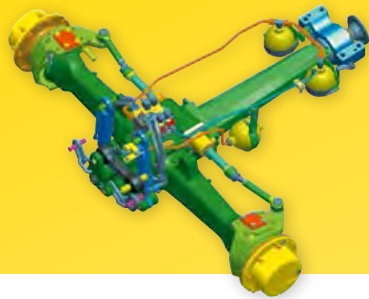
## Stay one step ahead.

**Till, disc or seed your field. Or, bring 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 107 kW (145 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 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.



**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—providing the operator with the ultimate comfort. You'll also maintain better traction and increase pulling power.



**At A Glance:**

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

We offer a number of guidance solutions for your tractor. Our AutoTrac™ Universal 200 system is a single automatic guidance solution that fits the entire fleet of different vehicles. Or you can choose the easy-to-install Lightbar system. The John Deere GreenStar™ Lightbar system teamed with the StarFire™ iTC receiver can be set up quickly for immediate use on all machines. Both are compatible with 6030 Series Tractors and also fit many other John Deere and non John Deere tractors. Your local dealer can help you choose the guidance system that best fits your operation (only available on cab models).



John Deere GreenStar™ Lightbar with StarFire™ iTC receiver



You have a clear, unobstructed view to the drawbar from the cab.

**As versatile as you need.**

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



## 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 clearance.

Easy access to filters and service points help ensure that regular 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 service points
- 500 hour engine oil change interval
- Multiple service-free components reduce cost of ownership

## Specifications.

Engine Performance	6130	6230	6330	6430	6534	6630	6830	6930
Stage III certified acc. 97/68/EC								
Rated power (97/68/EC)	63 kW (85 hp)	70 kW (95 hp)	77 kW (105 hp)	88 kW (120 hp)	92 kW (125 hp)	99 kW (135 hp)	107 kW (145 hp)	114 kW (155 hp)
Maximum power (97/68/EC)	66 kW (89 hp)	73.5 kW (100 hp)	81 kW (110 hp)	93 kW (126 hp)	97 kW (131 hp)	104 kW (142 hp)	112 kW (152 hp)	120 kW (163 hp)
Rated power (ECE-R24)	60 kW (82 hp)	67 kW (91 hp)	74 kW (101 hp)	85 kW (115 hp)	88 kW (120 hp)	95 kW (130 hp)	103 kW (140 hp)	109 kW (149 hp)
Maximum power (ECE-R24)	64 kW (86 hp)	70.5 kW (96 hp)	78 kW (106 hp)	89 kW (121 hp)	93 kW (126 hp)	100 kW (136 hp)	108 kW (147 hp)	115 kW (157 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	4/T/X/4530 ccm	6/T/X/6788 ccm	6/T/X/6788 ccm	6/T/X/6788 ccm
Rated speed	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2100 rpm	2100 rpm
Maximum power at engine speed	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	1900 rpm	1900 rpm
Engine speed at maximum torque	1500 rpm	1500 rpm	1500 rpm	1500 rpm	1500 rpm	1500 rpm	1300 rpm	1300 rpm
Constant power range	500 rpm	500 rpm	500 rpm	500 rpm	500 rpm	500 rpm	460 rpm	460 rpm
Torque reserve	32%	32%	32%	32%	32%	32%	32%	32%
Fuel injection system	Full authority electronic engine management							
Type of injection	2 Valve High Pressure Common Rail							
Cooling	Dual temperature cooling							
Fan	Temperature controlled viscous fan							
Air cleaner	PowerCore precleaning							
Clutch	Oil cooled, PermaClutch 2™, 225 mm diameter discs							
<b>TRANSMISSION</b>								
SyncroPlus™								
12/4; 2.5 – 30 km/h	•	•	•	•	•	•	–	–
PowrReverser™	Electro-hydraulic 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 powershifttable gears; electro-hydraulic left-hand PowerReverser with neutral position; F/R Ratio 1:1							
16/16; 1.9 – 30 km/h	•	•	•	•	•	•	–	–
16/16; 2.8 – 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 PowrReverser™ and PowrQuad™ transmission							
<b>PTO – REAR</b>								
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
<b>BRAKES</b>								
Foot brake	Oil cooled discs, self equalising, self adjusting							
Parking lock	Transmission parking position							

	6130	6230	6330	6430	6534	6630	6830	6930	
4WD braking	Automatic 4WD engagement								
<b>AXLES</b>									
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°/4440 mm	12°/4500 mm	12°/5100 mm	12°/5100 mm	12°/5200 mm	12°/5200 mm	
<b>HYDRAULIC SYSTEM AND 3-POINT-HITCH</b>									
Type (base)	Load sensing with constant flow pump (PC = pressure compensated)								
Type (option)	–	–	–	–	–	–	Pressure and flow compensated (PFC)		
Pump capacity/maximum pressure with PC	65 or 80 L/min with 200 bar (PC)						80 L/min with 200 bar (PC)		
Pump capacity/maximum pressure with PFC	–	–	–	–	–	–	110 L/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 and lower, quick pull-in, self-diagnosis								
Maximum lift capacity base/optional	37.4 kN/49.8 kN	43.4 kN/50.3 kN	43.4 kN/50.3 kN	49.8 kN/57.2 kN	49.8 kN/57.2 kN	49.8 kN/64.6 kN	66.6 kN/75.2 kN	66.6 kN/75.2 kN	
<b>CAPACITY</b>									
Fuel Tank base/optional	165/185 L	165/185 L	165/185 L	165/185 L	207/250 L	207/250 L	250/325 L	250/325 L	
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	53L/1500 h	53L/1500 h	53L/1500 h	53L/1500 h	53L/1500 h	53L/1500 h	56 L/1500 h	56 L/1500 h	
Engine oil/change interval	16 L/500 h	16 L/500 h	16 L/500 h	16 L/500 h	16 L/500 h	16 L/500 h	19.5 L/500 h	19.5 L/500 h	
Engine coolant/change interval	24 L/3000 h	24 L/3000 h	24 L/3000 h	24 L/3000 h	24 L/3000 h	28 L/3000 h	28 L/3000 h	28 L/3000 h	
<b>CAB</b>									
Specification	Tiltable cab; 310° all-round vision; climate control, telescoping and tiltable steering column/wheel; opt. Field Office™								
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								
<b>DIMENSIONS AND WEIGHTS</b>									
Wheelbase	2400 mm	2400 mm	2400 mm	2400 mm	2650 mm	2650 mm	2650 mm	2650 mm	
Width x Height x Length	2275 x 2714 x 4289 mm	2275 x 2714 x 4289 mm	2316 x 2742 x 4289 mm	2316 x 2742 x 4289 mm	2316 x 2658 x 4728 mm	2316 x 2658 x 4728 mm	2382 x 2906 x 4758 mm	2382 x 2906 x 4758 mm	
Dimensions above 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	
Average shipping weight	4750 kg	4750 kg	4750 kg	4750 kg	5230 kg	5230 kg	5880 kg	5880 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 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.

### Take the credit for buying the best.

John Deere Credit—a range of financing 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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#### 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

