

Specialty Tractors

5EH / 5MH / 6MH / 5ML / 5EN / 5G



JOHN DEERE







Contents

Overview	4
5090EH.....	6
5105MH	8
6155MH	12
5ML tractors.....	16
5EN tractors	20
5G tractors	24
All-round support.....	28
Precision ag technology	30
High crop tractor specifications.....	34
Orchard and narrow tractor specifications.....	36
Low profile tractor specifications.....	39

A tailored fit for specialty farming

Whether you work with sensitive fruit and vegetable crops or squeeze between narrow rows, the last thing you want to do is compromise. With John Deere specialty tractors, you won't have to.

Available in a wide range of configurations, they come with all the features, power and performance you want in a tractor, in a size that's just right for the specialty crops you grow.

Whatever your challenge, hit it head-on with a specialty tractor from John Deere.

Transmissions to suit

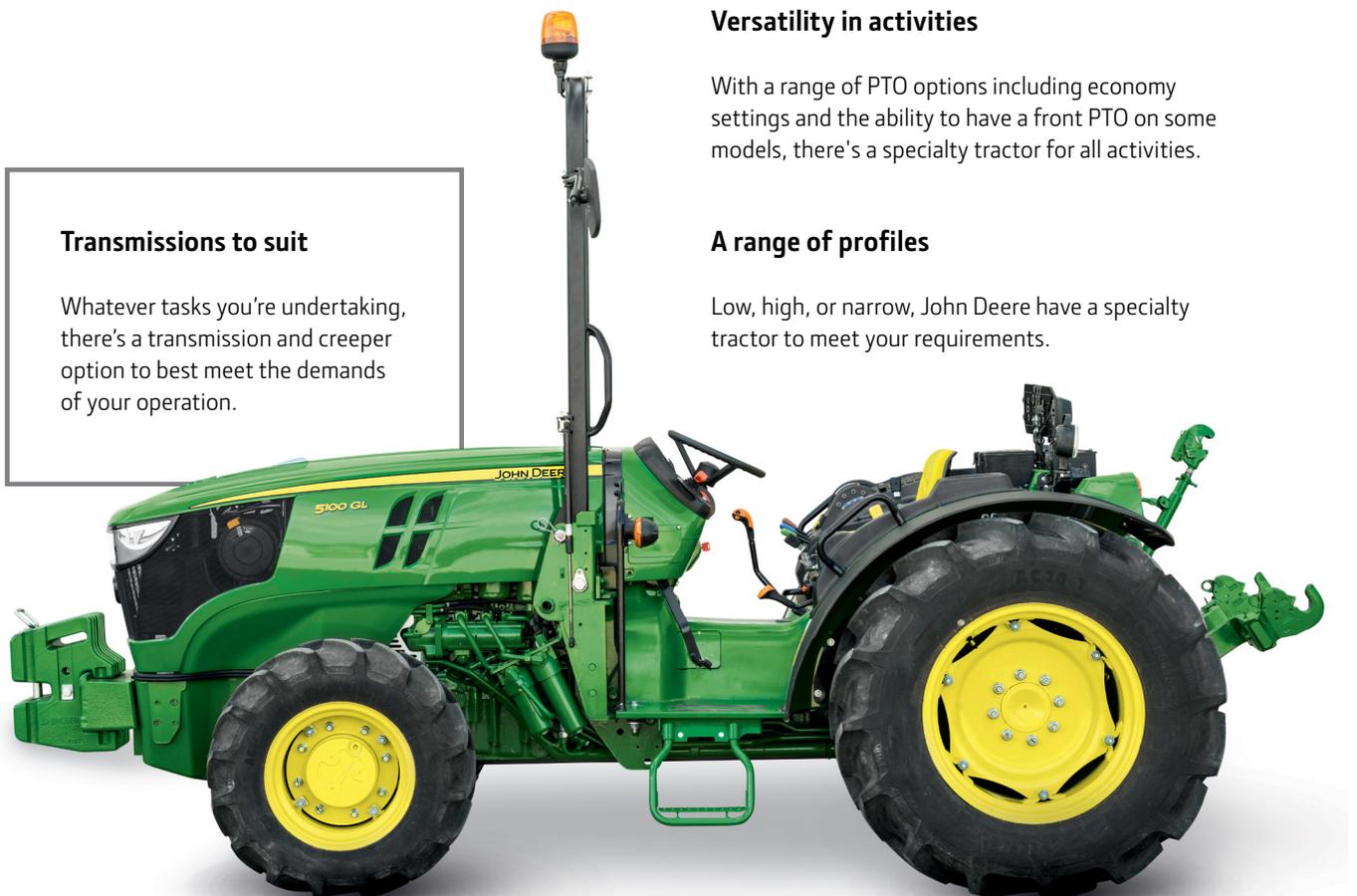
Whatever tasks you're undertaking, there's a transmission and creeper option to best meet the demands of your operation.

Versatility in activities

With a range of PTO options including economy settings and the ability to have a front PTO on some models, there's a specialty tractor for all activities.

A range of profiles

Low, high, or narrow, John Deere have a specialty tractor to meet your requirements.





Drive in comfort

Whether you spend a few hours a week or long hours each day driving, there's an operator station to suit you. Select from the ergonomically designed open stations or the corner office comfort provided by a range of cabs.

Power for production

With a range of engine outputs from 56 to 115 kW (75 to 155 hp), and engine displacements from 4.5–6 there's a specialty tractor to handle your tasks.

Improve precision

Utilise John Deere's precision technology on your specialty tractor to help you run a profitable, sustainable business.

The perfect fit

From the largest orchard, to the most densely planted vineyard, or for jobs involving sensitive crops, the John Deere specialty tractor range always feels at home.



5090EH

Clear high-value crops with ease

One test drive and you'll see the 5090EH specialty tractor has the comfort and convenience features to keep you smiling during even the longest days; the engine power and hydraulic capacity to take on hard-to-handle jobs; and the quality of engineering, assembly, and components you expect from John Deere.



5090EH

Engine power: 66 kW (89 hp)

PTO power: 56 kW (75 hp)

Hitch lift capacity: 1,398 kg
at 610 mm behind lift point

SCV options

For versatility, dual SCVs are standard on the 5EH. Alternatively, single rear SCVs are also available.

Creeper

For undertaking applications that require lower speeds, the 5090EH can be equipped with an optional creeper to meet your needs.



Clear your tallest crops

With 690 mm of front axle crop clearance, the 5090EH has the height to pass over high value crops with ease.

Comfort in cab

The 5EH perfectly combines operator comfort with functionality. The cab features a powerful air-conditioning and heating system, sun-visors, and interior lighting for any time of day. The rear window opens to 70° for visibility when attaching implements.

PTO

The 540/540E PTO has the functionality of a standard 540 but with the addition of economy mode, allowing you to reduce engine rpm and save fuel.



5105MH

Additional power in high crop farming

Success starts with a high crop tractor that delivers top performance. Part of the 5M tractor range, the 5105MH gets you over fragile crops comfortably with the capabilities you need to tackle any job.





Drop axle

The standard drop axle provides extra crop clearance, allowing from 629 mm between the front axle and ground.

Exclusive mid-frame design

A hardened cast steel mid frame provides strength, stability and durability in even the toughest conditions, the result? Reduced noise and vibration for operator comfort.

Hydrostatic power steering

Manoeuvre through tough terrain with confidence using the 5105MH hydrostatic steering. Power steering provides optimum performance and efficiency in all conditions with minimal effort.

SCV availability

For undertaking a range of tasks, 2 or 3 mechanical rear SCVs as well as 2 or 3 mid SCVs are available.





Range of operator's stations

For your comfort and convenience an open station or choice of 2 cabs is available. The premium cab offers a panorama roof with all the comforts, while the open operator station offers ergonomic simplicity.

Better night-time visibility

Upgrade to LED headlights and work lights for greater visibility when working through the night.

Hard-wearing 3-point hitch

A heavy duty 3-point hitch provides the capacity and compatibility to meet user requirements in range of situations.

5105MH

Engine power: 77 kW (104 hp)

PTO power: 63 kW (85 hp)

Hitch lift capacity: 2,341 kg
at 610 mm behind lift point





Transmission with creeper

The 16F / 16R PowrReverser™ with creeper is suitable for a range of activities. Travel up to 30 km/h, or utilise the creeper for applications requiring lower speeds.

Engine

A 4.5 L turbocharged PowerTech™ engine provides power when you need it. When under load, a 4% power bulge helps deliver additional horsepower while reducing engine rpm below rated speed.

Final Tier 4

The 5MH meets strict emissions requirements through its Final Tier 4 engine. This provides greater fuel efficiency, saving you time and money.



6155MH

Ultimate operator comfort and machine capability

If your high-value crops require a maximum amount of time in the cab, the 6MH delivers the muscle while keeping you surrounded in modern comfort. It's built for high-hour users who have big demands of the equipment in their operation.



Operator comfort in cab

With plenty of cab options, the 6MH can be built to provide your ideal operating environment. The cab provides a comfortable working environment with car-like noise level (70 dbA). Plus, all-around visibility of 310 degrees from within the cab ensures accurate tractor placement, implement hookup, and optimum tractor performance.

6155MH

Engine power: 114 kW (155 hp)

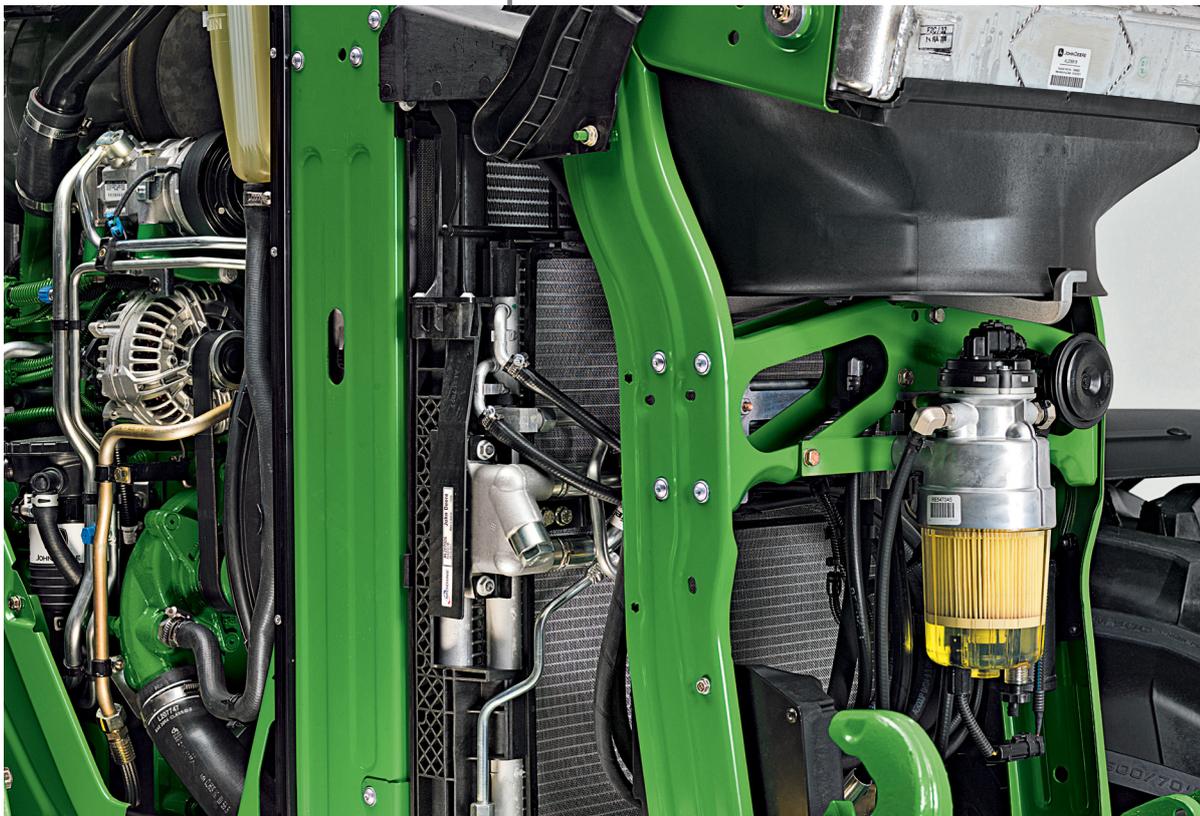
PTO: 92 kW (125 hp)

Hitch lift capacity: 3,950 kg
at 610 mm behind lift point



Engine

The 6 cylinder, 6.8 L PVS engine utilises 2 turbochargers to deliver high power density and more low-speed torque to meet varying load conditions. With 114 kW (155 hp), the 6MH is designed to go the distance.



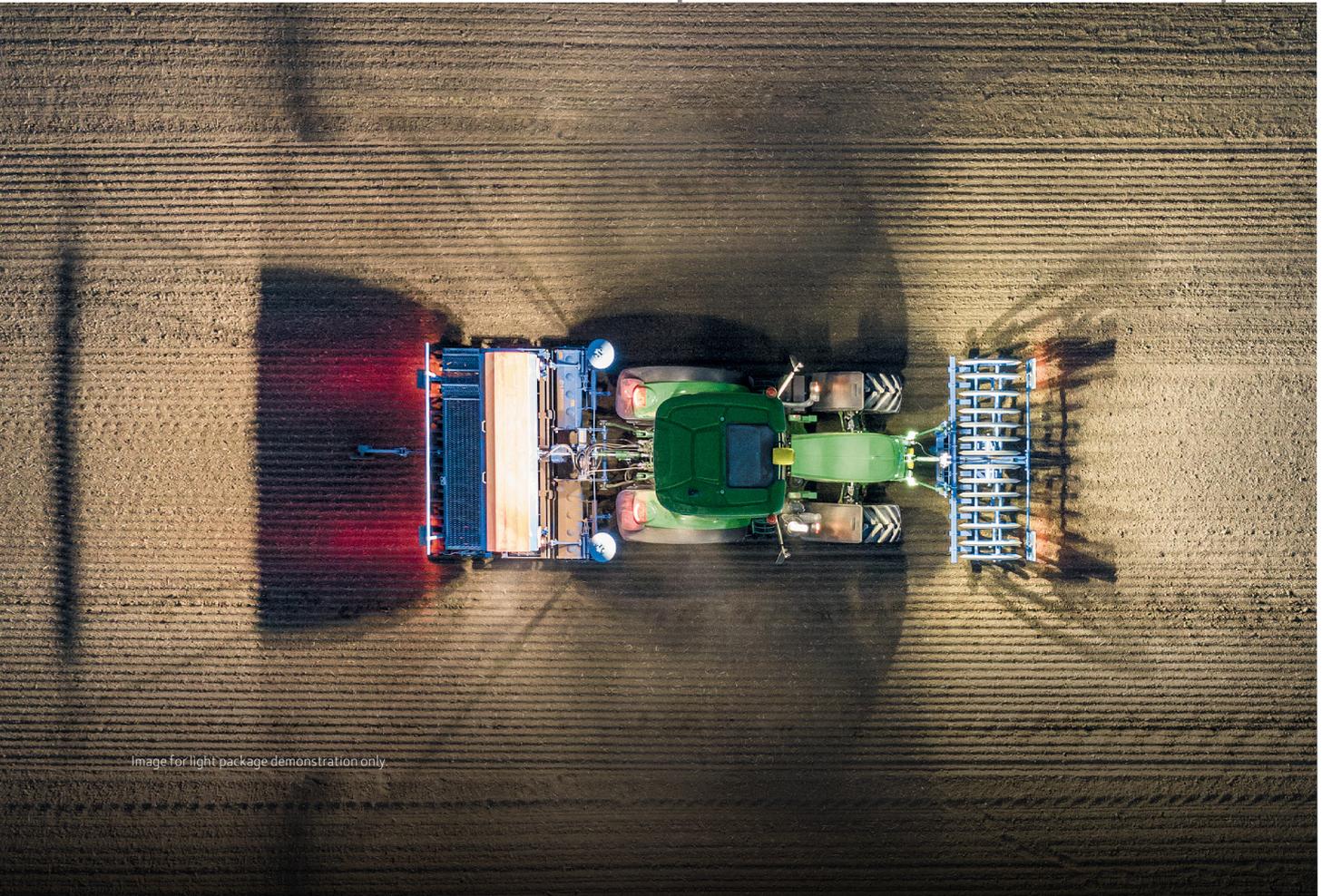
CommandCenter™ display

Expect machine productivity gains with the Gen 4 CommandCenter. Easily change field and guidance lines, adjust the layout and monitor your machines performance. This customisable display provides an excellent operator experience.



360° of lighting

Work through the night with stadium-style lighting in your choice of halogens or LEDs. For total control, programmable lighting is available in the CommandCenter.



Ground clearance

With more than 640 mm of front axle crop clearance, the 6155MH is ideal for use in raised beds or on hills.



Reversible PTO

The reversible stub shaft with 6 and 21 splines on the 6155MH improves uptime. Operators no longer need to search for a second stub shaft or remove bolts to change the PTO.



Drop axle

The 6155MH's drop axle makes it a true high crop tractor. The axle provides 680 mm (27 in.)* of drawbar ground clearance, allowing operators to safely pass over bedded and high value crops. The drop axle features a flanged-type axle and can accommodate tread settings from 1,524 to 2,235 mm (60 to 88 in.).

*Measured with 320/90R50 tyres.

5ML tractors

The tailor-made orchard and vineyard specialist

The 5ML is John Deere's latest innovation for orchard and vineyard customers. It's built to work, with high power and hydraulic capacity; but it's also built to fit, achieving widths as narrow as 1.55 m. And that's not all, if you're seeking productivity gains, the 5ML has a whole suite of Precision Ag tools available to take your operation to the next level.





Fit for operation

Standard and narrow axle options make the 5ML the perfect fit for your operation. The 5ML Narrow is capable of widths as low as 1.55 m (61 in.), while the standard axle operates at 1.81 m (71 in.).



Capable hydraulics

There's not much the 5ML can't do with its 117 l/min Pressure-and-Flow Compensated (PFC) hydraulic system. The PFC system provides flow only when it's needed, so when flow is no longer required the pump returns to standby mode, maximising fuel efficiency.

5105ML

Engine power: 78 kW (105 hp)

PTO power: : 67 kW (90 hp)

Rear hitch lift capacity: 2,720 / 3,122 kg (base / option)
at 610 mm behind lift point

5120ML

Engine power: 89 kW (120 hp)

PTO power: 78 kW (105 hp)

Rear hitch lift capacity: 2,720 / 3,122 kg (base / option)
at 610 mm behind lift point

5130ML

Engine power: 97 kW (130 hp)

PTO power: 85 kW (115 hp)

Rear hitch lift capacity: 2,720 / 3,122 kg (base / option)
at 610 mm behind lift point





All day comfort

The 5ML comes factory fit with a premium cab and easy to use controls to minimise operator fatigue on long days. With an optional Cat IV filtration kit you'll also have greater protection from particulates, aerosols and vapors when spraying or spreading.

Productive transmissions

Take charge with the PowrQuad™ PLUS 16F/16R or the Powr8™ 32F/16R transmission with creeper. Both ergonomically placed, you'll enjoy the effortlessness of a declutch button and the productivity gains in your day.



Light up the night

When working long hours, the 5ML keeps things well-lit with front and rear lighting. Upgrade to LEDs for even brighter nights.



Limb lifters

Protect your trees and tractor from damage with a limb lifter kit. The lifters allow for branches to go up and over the tractor while driving through the rows, reducing the risk of tree damage and possible yield loss.

JDLink™

JDLink comes standard on all 5ML tractors and keeps your fleet connected, no matter where you are. Utilising the John Deere Operations Center app, you can track in-field progress, machine hours and receive maintenance alerts all to your mobile phone.

Integrated AutoTrac™

Manage in-field efficiency and reduce operator fatigue with optional AutoTrac Basic integrated into the dash, allowing you to do straight-line AutoTrac. For more advanced AutoTrac operations, your 5ML can be ordered with a Gen 4 4240 Universal Display.



5EN tractors

Narrow and agile in all conditions

If you need a high-powered, no compromise tractor that can snake through narrow rows or other cramped spaces, look to the John Deere 5E Narrow Tractors. Available in both cab and open station configurations, and with either 2WD or MFWD; the 5EN tractors were designed for vineyard, orchard, and nursery producers who need a tractor that can pull heavy carts and handle fully loaded sprayers... all while offering a full complement of premium features and available options.





Easy controls

Ergonomically located gear shift controls and rear hitch fender controls make operating the 5EN simple and easy.

Operators station

The choice is yours with spacious open stations or climate controlled cabs available on both models to make your day more comfortable.



5076EN

Engine power: 56 kW (75 hp)

PTO power: 46 kW (62 hp)

Rear hitch lift capacity: 1,530 kg
at 610 mm behind lift point

5090EN

Engine power: 69 kW (92 hp)

PTO power: 57 kW (76 hp)

Rear hitch lift capacity: 1,530 kg
at 610 mm behind lift point





Lower speeds with creeper option

If you require even lower speeds, a factory fitted creeper is available to achieve speeds as low as 0.15 km/h*.

Forward Gear	1,600 / 2,400 rpm (km/h)	Reverse Gear	1,600 / 2,400 rpm (km/h)
1	0.15 / 0.23	1	0.16 / 0.25
2	0.20 / 0.31	2	0.22 / 0.33
3	0.28 / 0.42	3	0.30 / 0.46
4	0.37 / 0.56	4	0.41 / 0.61

*Speeds are calculated on a tractor using 12.4-24 R1 tyres. Speeds will vary depending on tyre choice and conditions.



Make tighter turns

With a width of 1.51 m and a turning radius from 3.4 m, there are few places the 5EN can't fit.

Mechanical front-wheel drive

For tighter turns and pulling heavy loads in tough conditions, mechanical front-wheel drive provides traction the second it's demanded.



PTO

The 540/540E PTO provides operator versatility. A lower rpm economy setting is available for lighter tasks to reduce fuel usage, while the standard 540 setting provides additional power for those heavy-duty tasks.

Transmission

The 12F/12R PowrReverser™ Transmission is ideal for undertaking a range of applications in the field or orchard.

Engine that performs

Equipped with the reliable Tier 2, PowerTech™ engine, the 5EN provides excellent torque, fuel efficiency and durability. Heavy duty cylinder blocks allow this tractor to perform in ditches, over rough terrain, and in other less than ideal conditions.



5G tractors

Versatile in vineyard or orchard

From the largest orchard to the most densely planted vineyard, the John Deere 5G specialty tractor range always feels at home. Narrow track, cab or open operator station, these tractors are perfectly designed to fit in with your work environment. However you operate your farming business, the 5G specialty range provides all the versatility you will ever need.



5GN

Narrow vineyard

Engine power: 56, 63, 74 kW (75, 85, 100 hp)

Maximum width: 1,785 mm



5GL

Low profile orchard or pergola vineyard

Engine power: 56, 63 kW (75, 85 hp)

Maximum width: 1,829 mm





Cab choices

A selection of operator stations on the GF, GN, and GV provide ultimate operator comfort and practicality with up to 320° visibility.



5GF

Orchard

Engine power: 56, 63, 74 kW (75, 85, 100 hp)

Maximum width: 1,958 mm



5GV

Narrow vineyard

Engine power: 56, 63 kW (75, 85 hp)

Maximum width: 1,642 mm





Extensively tested

The 5G specialty tractors have been designed from the ground up to provide years of faithful service in the toughest conditions. Extensive testing in extremely dry and dusty environments has proved the efficiency of the filtration and lubrication systems, as well as the dust exclusion properties of the sealed cab.

Agility at your command

Move quickly and easily between rows and get more work done. The tight turning radius of 5G specialty tractors saves you time, fuel, and reduces crop damage and soil disturbance.

Front and rear PTO

The 5G models feature an optional front PTO, helping you undertake two tasks at once. For additional flexibility, the rear PTO on all models can be ordered in a range of speeds.



SCV flexibility

Up to 4 electrohydraulic or mechanical SCVs are available for your preferred method of implement control. There is also the option to choose an additional joystick and fingertip control for more ergonomic and effective loader operations where precision is needed.



Transmissions

A range of mechanical or electrohydraulic transmissions are available with or without creepers to best match your applications.

Engine

A powerful Tier 3 engine provides up to 40% torque reserve, even in hilly conditions. Designed for maximum performance with minimum downtime, the 5G engine also features a service interval of 500 hours and easy serviceability to ensure you spend more time working and less time on maintenance.



Hydraulics

The 5G uses an open centre system with either 2 or 3 hydraulic pumps, providing reliability and durability for all activities.

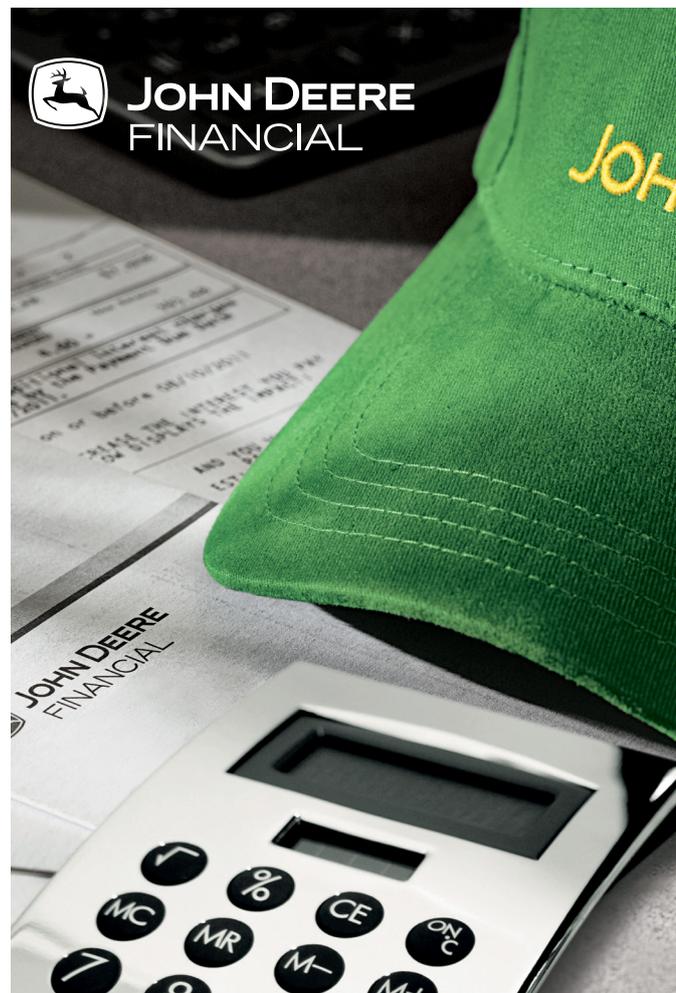
All-round support

From advice and sales to maintenance and repairs, your local John Deere partner has everything you need to keep your investment running like clockwork. Find your nearest John Deere dealer today at dealerlocator.deere.com



A global community

The people at your local John Deere dealership are always there for you – with personal service you can rely on. As part of the John Deere community, they combine their own individual style with all the benefits of a strong global company.





Spares and repairs

Even a John Deere needs repairs eventually. When the day comes, our dealers pull out all the stops to keep downtime to a minimum. With a state-of-the-art workshop and a fully trained technical team on hand, they can provide professional support being equipped with the latest updates directly from the factories. For smaller repairs you'd rather do yourself, they can supply everything you need—even for older models.



Tailor-made financing

John Deere Financial has been helping customers grow their businesses for more than 150 years. Based on our unique understanding of your market and the challenges you face, we offer competitive, tailor-made financing for the machines you need to raise your game.

Your local John Deere dealer can help you choose the options that suit your business best. Why not drop in for a chat?

Precision Agriculture

With John Deere precision ag technology your machines, people, and land are all seamlessly connected. Whether you're at the start of your precision ag journey or ready to do more, we have the tools to help your business grow.

JDLink™

JDLink enables you to stay in constant connection with your equipment, keeping you up to date with machine location and hours. Protect assets with geofence and curfew alerts, and keep your equipment running with maintenance tracking, preventative maintenance plans, and Remote Display Access.

JDLink connectivity also unlocks even more advanced functionality such as remotely sending and receiving prescriptions and documentation files to operators in the field.

AutoTrac™

AutoTrac guidance systems boost your productivity while reducing operator fatigue and input costs on fuel, fertiliser and chemicals by reducing instances of overlap.



Gen 4 4240 universal display

The 4240 display is a portable, easy to use display that's weather-resistant*, bringing more technology to applications that require an open station. It's AutoTrac and section control-capable and fully ISOBUS AEF certified allowing seamless connection with compatible implements.

Documentation and variable rate application come standard. With JDLink connectivity subscription the display also supports Remote Display Access and wireless data transfer with the John Deere Operations Center; allowing managers to connect with the display and view information from anywhere.**



AutoTrac Universal 300

The AutoTrac Universal 300 (ATU 300) unit provides a proven, automated steering solution to more than 600 different machines. The ATU 300 unit can be easily transferred from machine to machine in less than 30 minutes. It's not only easy to install and use, it's also extremely robust, reliable and now even approved for open operator station tractors. The ATU 300 enables automated steering down to 0.5 km/h, slower than other universal systems.



John Deere Operations Center

The John Deere Operations Center is an online farm management system that enables access to farm information anywhere, anytime through web, tablet, or phone. With the Operations Center you'll be able to manage your operation more efficiently, do a better job on every pass, reduce costs, and improve profitability.

* Weather resistant to IP65 rating.

** Remote connection requires JDLink MTG and adequate mobile coverage.

Connected support

John Deere dealers have access to several cutting-edge digital remote tools that allow them to provide you with a suite of proactive services tailored to your needs.

REMOTE MACHINE MONITORING

It's yet another service that sets John Deere apart. Upon your consent, our Machine Dashboard displays the operating condition data and error codes to your dealer in real time. They can remotely connect to the machine, run further diagnostics and perform remote software updates to help you faster than ever before. Plus, our new Expert Alerts are included as well.

AUTOMATIC MAINTENANCE PLANNING

You'll always be perfectly on track with your maintenance. Automated notifications can be based on actual machine hours or calendar dates and alert you to maintenance tasks which need to be performed.

OPERATIONS CENTER ACCOUNT SETUP

This service includes the basic set-up of a John Deere Operations Center organisation to connect your machine.

REMOTE OPERATOR SUPPORT

You need instant advice and can't wait for someone to come to the paddock? Remote Display Access allows your dealer expert to remotely assist you and your operators with machine / implement setup and more – like being virtually in the cab.



EXPERT ALERTS

Expert Alerts, our newest remote diagnostics advancement, is based on smart software algorithms that can predict many potential technical issues before they have a negative impact or cause damage. Repairs become plannable while downtime and costs can be reduced significantly.

EXPERT CHECK

Using a special John Deere inspection checklist, your dealer expert performs a thorough technical examination of your machine. They will advise you on what measures to take and take care of all relevant software updates to ensure maximum uptime in the next season.

OPERATIONS CENTER INTRODUCTION

You want to properly store and manage field boundaries, guidance lines, documentation data and have access to a full suite of farm management tools? Then this is the right package element for you.

OPTIMISATION VISIT

Benefit from dealer product specialist experience to fully exploit your machine's capabilities. Thanks to their detailed product knowledge, dealer product specialists can help you by reviewing your current machine settings and providing improvement recommendations.

POWERGARD PROTECTION PLAN™

STATUS: PROTECTED

When you protect your equipment with a PowerGard Protection Plan, your business has the steady machine uptime and non-stop peak performance it needs to thrive.



POWERGARD PROTECTION PLAN

Base level of protection that covers unusual events that can lead to costly repairs, and also covers the main drivetrain components.

PowerGard agreements protect you against unexpected repair costs and keep your maintenance on track with genuine parts. Two fixed rate packages provide increasingly comprehensive levels of cover to keep your machine running at peak performance with steady uptime.

Comprehensive (Full Machine)

- Engine
- Electrical
- Powertrain
- Steering and brakes
- Hydraulics
- Frames, axles and bearings
- Operator's station

Limited

- Engine
- Powertrain

High crop tractor specifications

Models	5090EH	5105MH	6155MH
Configurations			
Operator station	Cab / Open station	Cab / Open station	Cab
Engine			
Type	PowerTech™	PowerTech EWL	PowerTech PVS
Aspiration	Turbocharged	Turbocharged after Aftercooled	Variable geometry* turbocharger
Emissions standard	Tier 2	Final Tier 4 / Stage IV	Tier 2 or Final Tier 4 / Stage V
Rated engine power, kW (hp)	66 (89)	77 (104)	114 (155)
Rated PTO power, kW (hp)	56 (75)	63 (85)	92 (125)
Cylinders	4	4	6
Displacement, L	4.5	4.5	6.8
Exhaust options	Vertical	Vertical	Vertical
Transmission			
Base equipment	12F/12R PowrReverser™ w/ Park Pawl	16F/16R PowrReverser w/ creeper	16F/16R PowrQuad™ Plus w/ creeper
Optional transmissions	9F/3R SyncShuttle	n / a	20F/20R AutoQuad™ PLUS**, 20F/20R CommandQuad™ PLUS**, 16F/16R PowrQuad Plus
Drive (base / option)	MFWD / -	MFWD / -	MFWD / -
Rear PTO			
Type	540/540E	540/540E	540/540E/1,000 or 540/1,000
Actuation	Mechanical or electrohydraulic	Electrohydraulic	Electrohydraulic
Hydraulics			
Type	Open centre	Open centre	Pressure-and-flow compensated (PFC)
Controls	Mechanical	Mechanical	Mechanical or electrohydraulic
Pump rated output, L/min	85	94	114
Rated flow to SCV, L/min	60	70	100
Max no. SCVs (rear / mid)	2 / -	3 / 2	4 / -
Hitch category, SAE	I, II	II	IIIN, III
Hitch lift capacity 610 mm behind lift point, kg	1,400	2,341	3,950
Dimensions***			
Wheelbase, mm	2,179	2,350	2,765
Overall width, mm	2,466	2,175	2,550
Crop clearance front axle min, mm	690	629	647
Height to top of cab, mm	2,900	2,677	3,280
Height to top of ROPS, mm	2,899	2,657	n/a
Braked turning radius, m	3.56	3.90	-
Weight with cab, kg	3,500	4,890	7,300
Weight OOS, kg	3,235	4,672	n/a

* Only variable geometry on the FT4 engine

** Creeper options also available

*** Dimensions will vary based on vehicle configuration

Models	5105ML	5120ML	5130ML
Configurations			
Operator station	Cab	Cab	Cab
Engine			
Type	PowerTech™ PWS	PowerTech PWS	PowerTech PWS
Aspiration	Turbocharged and aftercooled	Turbocharged and aftercooled	Turbocharged and aftercooled
Emissions standard	Final Tier 4	Final Tier 4	Final Tier 4
Rated engine power, kW (hp)	78 (105)	89 (120)	97 (130)
Rated PTO power, kW (hp)	67 (90)	78 (105)	86 (115)
Cylinders	4	4	4
Displacement, L	4.5	4.5	4.5
Exhaust options	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Transmission			
Base equipment	16F/16R PowrQuad PLUS™	16F/16R PowrQuad PLUS	16F/16R PowrQuad PLUS
Optional transmissions	32F/16R Power8™ with creeper	32F/16R Power8 with creeper	32F/16R Power8 with creeper
Drive (base / option)	MFWD / –	MFWD / –	MFWD / –
Rear PTO			
Type	540/540E/1000	540/540E/1000	540/540E/1000
Actuation	Electrohydraulic	Electrohydraulic	Electrohydraulic
Optional front PTO			
Type	1,000	1,000	1,000
Actuation	Electrohydraulic	Electrohydraulic	Electrohydraulic
Hydraulics			
Type	Pressure-and-flow compensated (PFC)	Pressure-and-flow compensated (PFC)	Pressure-and-flow compensated (PFC)
Controls	Mechanical	Mechanical	Mechanical
Pump rated output (base / option), L/min	117	117	117
Rated flow to SCV, L/min	100	100	100
Max no. SCVs (rear / mid)	3+1** / 3	3+1** / 3	3+1** / 3
Hitch category, SAE	II	II	II
Hitch lift capacity 610 mm behind lift point, (base / option) kg	2,720 / 3,122	2,720 / 3,122	2,720 / 3,122
Dimensions***			
Wheelbase, mm (base / option)	2,350 / 2,300	2,350 / 2,300	2,350 / 2,300
Overall width, mm (base / option)	1,825 / 1,582	1,825 / 1,582	1,825 / 1,582
Crop clearance front axle, mm	282	282	282
Height to top of cab, mm	2,378	2,378	2,378
Braked turning radius, m	3.9	3.9	3.9
Weight, kg	4,273	4,273	4,273

** 4th rear SCV achievable via parts kit

*** Dimensions will vary based on vehicle dimension

Orchard and narrow tractor specifications

Models	5076EN	5090EN	5075GN
Configurations			
Operator station	Cab / Open station	Cab / Open station	Cab / Open station
Engine			
Type	PowerTech™	PowerTech	FPT
Aspiration	Turbocharged	Turbocharged	Turbocharged
Emissions standard	Tier 2	Tier 2	Tier 3
Rated engine power, kW (hp)	56 (75)	69 (92)	56 (75)
Rated PTO power, kW (hp)	48 (64)	56 (75)	49 (66)
Cylinders	4	4	4
Displacement, L	4.5	4.5	3.2
Exhaust options	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Transmission			
Base equipment	12F/12R PowrReverser™ w/ Park Pawl	12F/12R PowrReverser w/ Park Pawl	24F/12R PowrReverser
Optional transmissions	n/a	n/a	24F/24R or 12F/12R
Drive (base / option)	MFWD / 2WD	MFWD / 2WD	MFWD / 2WD
Rear PTO			
Type	540/540E	540/540E	540/540E or 540/1,000
Actuation	Electrohydraulic	Electrohydraulic	Mechanical / Electrohydraulic
Optional front PTO			
Type	n/a	n/a	1,000
Actuation	n/a	n/a	Electrohydraulic
Hydraulics			
Type	Open centre	Open centre	Open centre
Controls	Electrohydraulic	Electrohydraulic	Mechanical / Electrohydraulic
Pump rated output (base / option), L/min	95 / -	95 / -	123 / 94
Rated flow to SCV, L/min	60	60	59
Max no. SCVs (rear / mid)	3 / 2	3 / 2	4 / 4
Hitch category, SAE	IN, I, II	IN, I, II	IN, I, II
Hitch lift capacity 610 mm behind lift point, kg	1,530	1,530	1,780
Dimensions*			
Wheelbase, mm	2,084	2,084	2,098
Overall width, mm	1,512	1,512	1,785
Crop clearance front axle min (2WD / 4WD), mm	291	291	292 / 254
Crop clearance front axle max (2WD / 4WD), mm	372	372	322 / 289
Height to top of cab (2WD / 4WD), mm	2,335 / 2,380	2,335 / 2,380	2,350 / 2,371
Height to top of ROPS (2WD / 4WD), mm	2,551 / 2,602	2,551 / 2,602	2,469 / 2,490
Braked turning radius, m	3.41	3.41	3.60
Weight with cab (2WD / 4WD), kg	2,794 / 2,940	2,794 / 2,940	3,000 / 3,125
Weight OOS (2WD / 4WD), kg	2,614 / 2,760	2,614 / 2,760	2,500 / 2,625

* Dimensions will vary based on vehicle configuration

5085GN	5100GN	5075GV	5085GV
Cab / Open station	Cab / Open station	Cab / Open station	Cab / Open station
FPT	FPT	FPT	FPT
Turbocharged and air to air aftercooled	Turbocharged and air to air aftercooled	Turbocharged	Turbocharged and air to air aftercooled
Tier 3	Tier 3	Tier 3	Tier 3
65 (85)	74 (100)	56 (75)	65 (85)
58 (78)	65 (87)	49 (66)	58 (78)
4	4	4	4
3.2	3.2	3.2	3.2
Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
24F/12R PowrReverser	24F/12R PowrReverser	24F/12R PowrReverser	24F/12R PowrReverser
24F/24R or 12F/12R	24F/24R or 12F/12R	24F/24R or 12F/12R	24F/24R or 12F/12R
MFWD / 2WD	MFWD / 2WD	MFWD / 2WD	MFWD / 2WD
540/540E or 540/1,000	540/540E or 540/1,000	540/540E or 540/1,000	540/540E or 540/1,000
Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic
1,000	1,000	n/a	n/a
Electrohydraulic	Electrohydraulic	n/a	n/a
Open centre	Open centre	Open centre	Open centre
Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic
123 / 94	107 / 81	123 / 94	123 / 94
59	59	59	59
4 / 4	4 / 4	4 / 4	4 / 4
IN, I, II	IN, I, II	IN, I, II	IN, I, II
1,780	1,780	1,780	1,780
2,098	2,185	2,098	2,098
1,785	1,785	1,642	1,642
292 / 254	292 / 254	292 / 227	292 / 227
322 / 289	322 / 289	292 / 267	292 / 267
2,350 / 2,371	2,350 / 2,371	2,325 / 2,334	2,325 / 2,334
2,469 / 2,490	2,539 / 2,560	2,460 / 2,469	2,460 / 2,469
3.60	3.60	3.60	3.60
3,000 / 3,125	3,000 / 3,125	2,750 / 2825	2,750 / 2825
2,500 / 2,625	2,500 / 2,625	2,425 / 2,525	2,425 / 2,525

Orchard and narrow tractor specifications

Models	5075GF	5085GF	5100GF
Configurations			
Operator station	Cab / Open station	Cab / Open station	Cab / Open station
Engine			
Type	FPT	FPT	FPT
Aspiration	Turbocharged	Turbocharged and air to air aftercooled	Turbocharged and air to air aftercooled
Emissions standard	Tier 3	Tier 3	Tier 3
Rated engine power, kW (hp)	56 (75)	65 (85)	74 (100)
Rated PTO power, kW (hp)	49 (66)	58 (78)	65 (87)
Cylinders	4	4	4
Displacement, L	3.2	3.2	4.5
Exhaust options	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Transmission			
Base equipment	24F/12R PowrReverser™	24F/12R PowrReverser	24F/12R PowrReverser
Optional transmissions	24F/24R or 12F/12R	24F/24R or 12F/12R	24F/24R or 12F/12R
Drive (base / option)	MFWD / 2WD	MFWD / 2WD	MFWD / 2WD
Rear PTO			
Type	540/540E or 540/1,000	540/540E or 540/1,000	540/540E or 540/1,000
Actuation	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic
Optional front PTO			
Type	1,000	1,000	1,000
Actuation	Electrohydraulic	Electrohydraulic	Electrohydraulic
Hydraulics			
Type	Open centre	Open centre	Open centre
Controls	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic	Mechanical / Electrohydraulic
Pump rated output (base / option), L/min	123 / 94	123 / 94	107 / 81
Rated flow to SCV, L/min	59	59	59
Max no. SCVs (rear / mid)	4 / 4	4 / 4	4 / 4
Hitch category, SAE	IN, I, II	IN, I, II	IN, I, II
Hitch lift capacity 610 mm behind lift point (base / option), kg	1,780 / 3,040	1,780 / 3,040	1,780 / 3,040
Dimensions*			
Wheelbase, mm	2,098 / 2,074	2,098 / 2,074	2,185 / 2,161
Overall width, mm	1,958	1,958	1,958
Crop clearance front axle min (2WD / 4WD), mm	292 / 241	292 / 241	292 / 241
Crop clearance front axle max (2WD / 4WD), mm	322 / 346	322 / 346	322 / 346
Height to top of cab (2WD / 4WD), mm	2,355 / 2,355	2,355 / 2,355	2,355 / 2,355
Height to top of ROPS (2WD / 4WD), mm	2,490 / 2,490	2,490 / 2,490	2,560 / 2,560
Braked turning radius, m	3.40	3.40	3.40
Weight with cab (2WD / 4WD), kg	3,075 / 3,200	3,075 / 3,200	3,075 / 3,200
Weight OOS (2WD / 4WD), kg	2,675 / 2,800	2,675 / 2,800	2,675 / 2,800

* Dimensions will vary based on vehicle configuration

Low profile tractor specifications

5075GL	5085GL
Cab / Open station	Cab / Open station
FPT	FPT
Turbocharged	Turbocharged and air to air aftercooled
Tier 3	Tier 3
56 (75)	65 (85)
49 (66)	58 (78)
4	4
3.2	3.2
Horizontal / Vertical	Horizontal / Vertical
24F/24R w/ mechanical Hi-Lo	24F/24R w/ mechanical Hi-Lo
n/a	n/a
2WD	2WD
540/540E or 540/1,000	540/540E or 540/1,000
Mechanical	Mechanical
1,000	1,000
Electrohydraulic	Electrohydraulic
Open centre	Open centre
Mechanical	Mechanical
94 / -	94 / -
59	59
3 / -	3 / -
IN, I, II	IN, I, II
1,730	1,730
2,074	2,074
1,829	1,829
180	180
230	230
n/a	n/a
2,420	2,420
3.40	3.40
n/a	n/a
2,775	2,775





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 countries or regions. In some countries, products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice. John Deere's green and yellow colour scheme, the leaping deer symbol, and JOHN DEERE are trademarks of Deere & Company. All photography and illustrations contained herein are copyrighted assets of Deere & Company.

JohnDeere.com.au
JohnDeere.co.nz