

6 SERIES



Four- and six-cylinder tractors
From 156 to 226 HP
6 SERIES Agrottron
6 SERIES RCshift Agrottron
6 SERIES TTV Agrottron





THE NEW 6 SERIES. THE BEST TECHNOLOGY MIX IN ITS CLASS.

6 SERIES AGROTRON		6155.4			6165.4			6175.4			6155		6165		6175		6185		6205		6215	
		4 cylinder						6 cylinder														
		PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	PS/ RC- shift	TTV	
Max. power (ECE R120)	kW/HP	114.9/156		120.8/164		125.8/171		114.9/156		120.8/164		129.5/176		138.5/ 188	134.3/ 183	152.3/ 207	149.1/ 203	156.2/212				
Max. power with boost (ECE R120)	kW/HP	-		125.8/171		-		-		125.8/171		-		138.5/ 188	-	152.3/ 207	166/226					

The agricultural industry is highly diverse. Each individual enterprise has its own totally individual success strategy. Some go for size, others for specialisation. In milk production, in livestock, or in the arable farming. Others successfully adopt a mixed approach in accordance with soil and climate conditions as well as market opportunities. Whether it's a large, medium or small enterprise, a contractor or a local authority, however diverse the profile, they all have one thing in common – they need to be successful. Accordingly, tractor technology needs to 100% match their working profile. Ploughing, sowing, culti-

vating, transporting, harvesting crops, front loader work – each individual professional will decide how the tractor will be utilised, along with which specific features are required. DEUTZ-FAHR has developed the new 6 Series for all these requirements. With 18 models ranging from 156 to 226 HP, a variety of wheelbases, four- and six-cylinder engines, three transmission options, two cabin types with different comfort levels and innumerable additional configuration options, you can custom assemble the best technology mix in this tractor class. With the 6 Series, DEUTZ-FAHR has redefined the diversity of features and comfort.

WITH EVERY OPERATION IN THE FARMYARD, IN THE FIELD OR ON THE ROAD, 'HOW COMFORTABLE SHOULD A TRACTOR BE?' WITH THE NEW 6 SERIES, DEUTZ-FAHR HAS THE ANSWER: 'AS COMFORTABLE AS YOU WANT IT TO BE.'





COUNTLESS EQUIPMENT OPTIONS. THE CHOICE IS YOURS.

In general, the higher the driving and operating comfort, the more relaxed the work. And the more relaxed the work, the better the results. For this reason, all 6 Series models offer first-class cabin comfort. Unique to the market: you can choose from a multitude of technology, equipment, specification and comfort variants. The choice is yours, based on the intended purpose of the tractor, on the driver's demands and, of course, the economic factors – whatever your requirements, the

new 6 Series offers you the perfect solution. Cabs are available with different operating comfort levels depending on the technological features. From the simple manual gear shift to the unique electronic multifunctional lever, you can choose between three roof designs – a simple green polycarbonate roof, a glass roof with UV absorption or the FOPS safety version for the best visibility while using a front loader. Whatever you choose, the new 6 Series will meet your personal demands.



THE BEST CABIN COMFORT. EVERYTHING FOR A RELAXED WORKING ENVIRONMENT.

The highlights:

- Broad configuration options
- Quieter, with reduced vibration and heat thanks to the separation between cab and bonnet
- All-around visibility, thanks to the large glass panes in the cab, optimised hood dimensions and compact EAT layout
- Up to 40,000 Lumen LED package

The unique features offered by the MaxiVision and MaxiVision 2 cabs can be seen inside and also from outside the cab. When it comes to ease of use and ergonomics, the new 6 Series caters for the operator by making best use of the current technology available. The InfoCentre^{pro} on the dashboard features a 5" colour display, providing the driver with a stream of data about the tractor's operating conditions. It offers maximum convenience in terms of settings and information. On TTV models there is an additional WorkMonitor fitted on the right pillar, performing real-time working information. The interior provides a peaceful working environment, with all engine noise, vibrations and heat reduced to a minimum as there is no connection between the cab and engine. The new bonnet encapsulates the latest, highly contemporary look of the DEUTZ-FAHR tractor family, while its optimised design also ensures outstanding forward visibility. The best possible view of rear attachments is guaranteed by the rearward position of the cab. In order to allow precise, stress-free work in all lighting conditions, it can be fitted with an optional 40,000 lumen LED package with up to 16 working headlights.



State-of-the-art dashboard cluster with new InfoCentre^{pro}: 5" high-res LCD colour display for customisable top information concept.



Up to 16 (IV Generation, 2,500 lumen per light) LED working lights.



New bonnet design. Sleek lines for perfect view of all work areas.



Three different roof configurations. Maximum visibility for front loader work.

Other features highlighting comfort include the large windows and a new door closing system. The air conditioning system – with new automatic functions – optimises the internal temperature, while the largest number of air outlet openings in this tractor class guarantee uniform air distribution like no other model. With the MaxiVision and MaxiVision 2 cabs, you can look forward to extremely comfortable and efficient work.



Hydraulic valves can be managed through proportional and programmable controls in terms of time and quantity. The electronic joystick can be programmed to use the front loader, whereas other tractor functions can be operated using the thumbwheel.



Standard in all cab configurations, the PTO engagement comes with the easy but safe push-button controls.



Fine-tuning front (TTV only) and rear lift control can be operated through the potentiometer on the armrest.

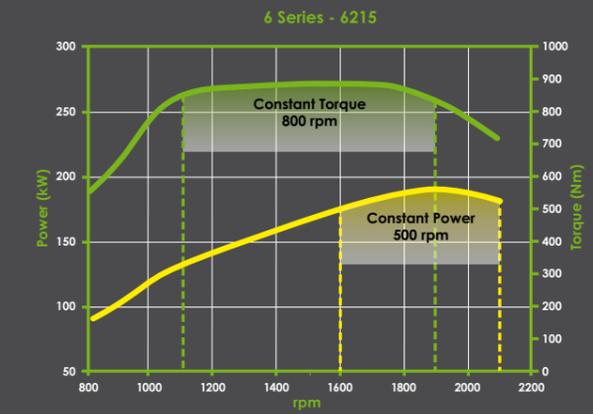
INTUITIVE OPERATION FROM MANUAL TO FULLY AUTOMATIC.

The newly designed armrest makes the 6 Series even more relaxing and intuitive to operate. All routine functions can be automated. The new, highly ergonomic MaxCom joystick on the armrest controls everything from driving speed, direction of travel and cruise control selection to the ComfortTip system, rear and front lift controls. An intuitive system that requires no change of hand position and no more than a moments thought to operate. The MaxiVision 2 cab is offered on TTV and RCshift models with electro-hydraulic spool valves, while the MaxiVision cab equips RCshift or Powershift models fitted with mechanical spool-valves.

For all models, the front and rear lift controls can be mechanical or electro-hydraulic depending on the configurations. Each model is equipped with the new InfoCentre^{pro}: a new digital dashboard with 5" LCD display, integrated within the tiltable steering column in the central console. All of the controls are clearly marked with colours and are logically arranged according to their frequency of use. The driver has complete control over the new 6 Series at all times and can work for very long periods at maximum productivity.



HOW TO FULFIL THE GROWING DEMANDS FOR SUSTAINABILITY AND ECO-FRIENDLINESS BUT STILL WORK WITH MAXIMUM EFFICIENCY AND POWER? SIMPLY GET INTO THE NEW 6 SERIES.



Constant power in a speed range of 500 rpm with a peak of 226 HP in boost mode: more than 200 HP available at 1,600 rpm. Constant torque in a speed range of 1,100 to 1,900 rpm, with 94% of torque available. In simple terms, almost maximum torque for the entire working engine rpm range.

The highlights:

- New DEUTZ TCD 4.1 and 6.1 engines
- Emission Stage 4 (Tier4 Final) with passive DPF, SCR and EGR
- Optimised engine mapping for better engine responsiveness and wider constant torque
- Up to 5 % lower fuel and AdBlue consumption
- Electronic Visco fan for higher efficiency (TTV models)
- Exhaust engine brake – 40 % more braking power



Low fuel/AdBlue consumption. Up to 435 l of diesel and 50 l of AdBlue for the six-cylinder, and up to 225 l of diesel and 28 l of AdBlue for the four-cylinder facilitate longer working days.



SCR after-treatment system and passive DPF (diesel particulate filter) is confirmed to be best solution in terms of performance, fluid consumption and maintenance.

The new, compact, four- and six-cylinder 6 Series engines have been completely remodelled in terms of exhaust technology and cost-efficiency. They respond better, provide greater torque reserves and start with greater torque in the lower engine speed range. Simultaneously, fuel and AdBlue consumption were reduced.

The new exhaust systems include EGR and SCR exhaust after-treatment and an additional, passive DPF (diesel particle filter). Compared to traditional active filters, the passive DPF offers three advantages: fuel is not injected into the filter, there is lower heat production and filter regeneration is considerably faster. This means you save fuel and money, while complying with all international exhaust standards – including in the future. On the TTV models, the engine efficiency is also enhanced by the electronic Visco fan.

All models can be fitted with the new exhaust brake to provide up to 40% greater brake performance. This system ensures that the service brakes are protected, in particular when travelling downhill and carrying heavy loads.

THE BEST MIX OF TECHNOLOGY FOR OPTIMUM EFFICIENCY.

This increases safety and reduces servicing costs. Operation is practical, easy and reliable using an additional pedal, which controls a throttle valve. Brake performance is automatically calibrated and optimised for the selected driving mode. The new DEUTZ-FAHR engines are a prime example of modern technology made in Germany and synonymous with reliability and efficiency at the highest level, so that you achieve the best results.



THE NEW COOLING SYSTEM. COMPACT, EFFECTIVE AND EASY TO MAINTAIN.

The highlights:

- Radiator assembly with exclusive opening system
- Radiator and connection elements made entirely of aluminium
- Higher heat radiation

The newly designed cooling system considerably improves engine efficiency through higher heat radiation capacity. All radiators and connection elements are made of aluminium for greater thermal dissipation and high durability. The exclusive opening system allows the radiator to be fully opened, which enables faster and easier maintenance.

When closed, the radiator assembly is very compact and allows for a downward-sloping, lower-sitting engine bonnet that enables a clear view of the front attachment points.



Highly efficient and compact cooling system with intercooler, engine, transmission, fuel cooler, and air conditioning condenser.



Precleaning system of the air intake filter: spiral cyclone tubes and an aspirator hose removes 95% of the dust before entering the primary filter.



PowerCore technology air filter: 20% higher air flow capacity than comparable standard filters.

Above the radiator, a special cover integrates the air-prefilter where the air enters a pre-cleaning area which consists of a series of spiral cyclone tubes. The tubes ensure that dust and debris are removed from the housing. A dust extraction system forces heavy dust particles downward and out through a tube by using pressure generated through a cooling fan.

The air cleaner system used is the proven PowerCore air filtration system – a high-tech filtration solution for maximum reliability and efficiency.

TO ACHIEVE YOUR GOALS, YOU NEED TO FIND THE RIGHT SPEED QUICKLY AND PRECISELY – EVEN WITH HEAVY LOADS AND ON STEEP TERRAIN. THE NEW 6 SERIES ENSURES THAT EVERYTHING KEEPS GOING AT THE BEST LEVEL FOR YOU.





POWERSHIFT, RCSHIFT OR TTV. DRIVING COMFORT – HOW YOU LIKE IT.

What is the main area of focus for your tractor? Farmyard work? Grassland work? Haulage? Heavy tillage application? Or a mixture of all these? Whatever the focus of your new 6 Series, it offers exactly the right transmission for any driver and any operation.

Simplest manual Powershift transmission: with five mechanical gear speeds plus six Powershift steps forward and three reverse, total number of speeds 30+15 (with creeper: 54+27). 40 or 50 km/h maximum speed (according to the market regulation), all a reduced engine speed.

Fully automatic RCshift transmission: with five robotised speeds plus six Powershift steps forward and three reverse, total number of speeds 30+15 (with creeper: 54+27). 40 or 50 km/h maximum speed at a reduced engine speed and high torque.



Powershift transmission: efficient all-round transmission with manual gear changing.



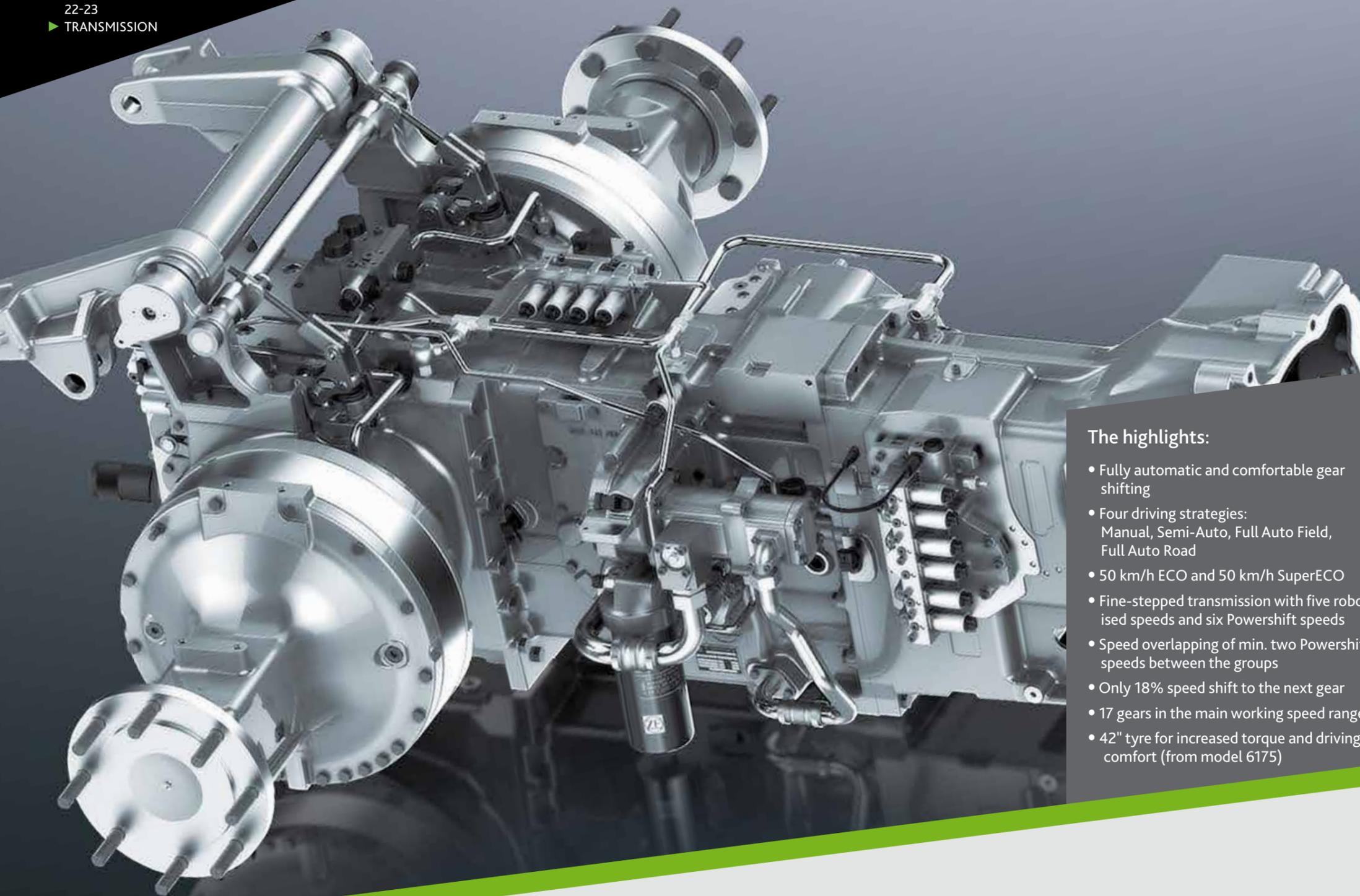
RCshift. The new fully automatic powershift transmission for increased shifting comfort.



TTV transmission: welcome to the premier league with optimum driving and operating comfort.

TTV transmission: maximum comfort in a highly efficient variable transmission. This efficient and reliable system is capable of varying speed continuously, optimising engine power without unnecessary loading or fuel wastage, resulting in more productive and easier work. These operating principles allow the TTV transmission to quickly provide the required driving speed, ensuring a smooth drive and advantages in terms of on-the-move comfort and safety, particularly when driving on the road.

All transmissions are easy to operate, simple to programme and easy to monitor via the on-board displays. They each offer excellent efficiency, precision and effectiveness. Whether manual, fully automated or infinitely variable, when it comes to driving comfort, the choice is yours.



THE NEW RCSHIFT TRANSMISSION. MAXIMUM AUTOMATION AND COMFORT.

The highlights:

- Fully automatic and comfortable gear shifting
- Four driving strategies: Manual, Semi-Auto, Full Auto Field, Full Auto Road
- 50 km/h ECO and 50 km/h SuperECO
- Fine-stepped transmission with five robotised speeds and six Powershift speeds
- Speed overlapping of min. two Powershift speeds between the groups
- Only 18% speed shift to the next gear
- 17 gears in the main working speed range
- 42" tyre for increased torque and driving comfort (from model 6175)

The new RCshift transmission ensures extremely comfortable, efficient and fully automated gear changes. Four driving modes can be selected:

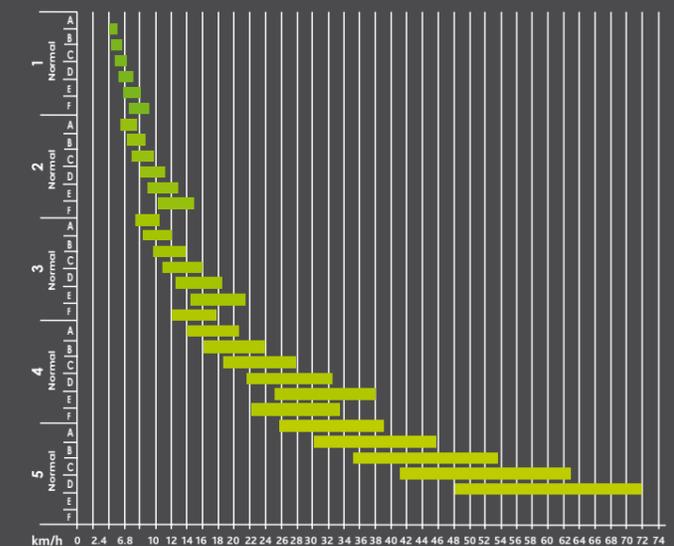
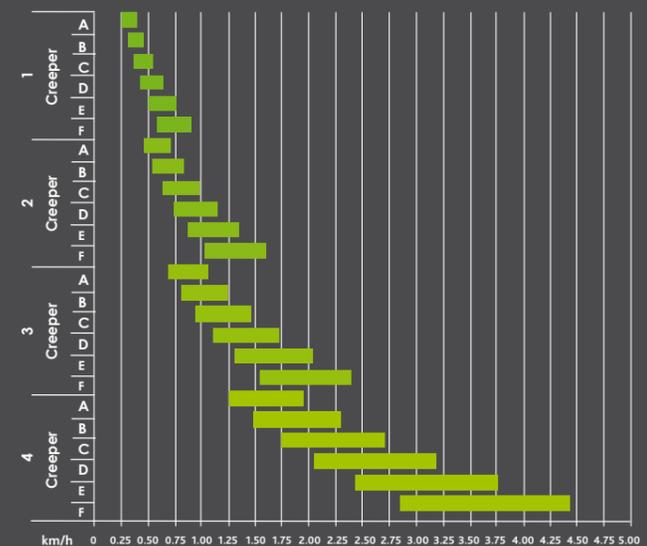
1. **Manual:** the driver selects range and Powershift speeds.
2. **Semi-Auto:** the driver selects the range and the system selects Powershift speeds automatically (field operations).
3. **Full Auto Field:** the system selects the range and Powershift speeds automatically and optimizes field operations
4. **Full Auto Road:** the system selects the range and Powershift speeds automatically and optimizes transport applications.

50 km/h SuperECO: up to 1,447 rpm at 50 km/h enable fuel-efficient driving (depending on tyres). Speed Matching to ensure the greatest level of comfort shifting for the application is fitted as standard. The fully integrated, electronic engine control unit ensures fine adjustments and individually configured settings as well as improved functionality.



50 km/h SuperECO. Maximum speed with minimal engine rpm saves fuel.

RCshift transmission speeds



The transmission, designed for 72 km/h, allows a reduction in the engine speed at 50* km/h to 1,447 rpm (depending on the tyres).

(*max speed 50 kph where allowed)



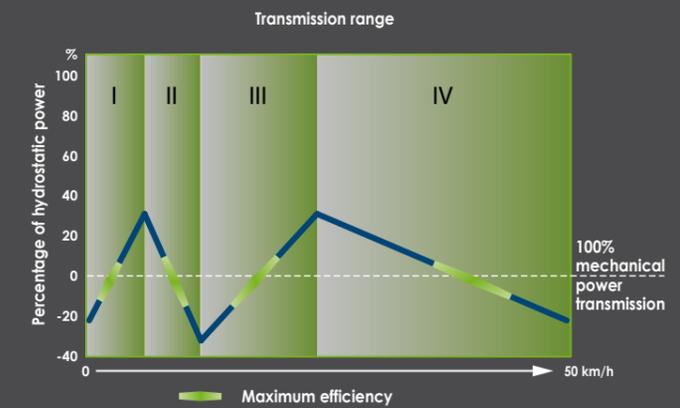
TTV TRANSMISSION. WELCOME TO THE PREMIER LEAGUE OF COMFORT.

The highlights:

- 4 points where the hydrostatic share of power becomes zero
- Mechanical power is never below 60%
- Driving strategies: Manual, PTO, Auto
- Power Zero function
- Extremely comfortable at maximum efficiency
- Continuously variable from 0 up to 50 km/h
- Up to four cruise speeds available (2 forward + 2 reverse)
- Separated oil tank

Maximum productivity is the result of a precisely powered transmission and exact working speeds. The new 6 Series is fitted with state-of-the-art, continuously variable TTV transmission. It is a solid concept that has been tried and tested over the years, now with new software for even better efficiency. Three driving modes are available to ensure a perfect fit for every working situation: manual, automatic and PTO. Overall, the speed range extends from 0 km/h to 50 km/h. The TTV transmission system is designed to be efficient at all speeds, providing a highly comfortable and extremely efficient system thanks to its four mechanical transmission ranges. The engine and transmission control units are perfectly matched and enable user-defined settings. The trailer stretch mode increases safety when transporting thanks to a continually stretched trailer.

Every single detail of the TTV transmission concept has been designed to maximise the productivity of the 6 Series.



Variable TTV transmission available up to 226 HP (model 6215).

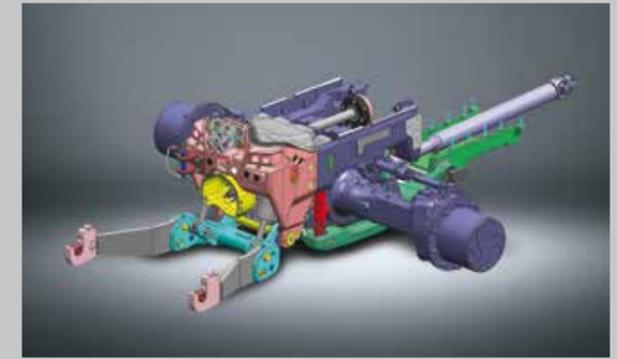


By simply pressing two buttons on the MaxCom multifunctional lever, the driver can recall four different speed settings whether in the field or on the road and maintain a constant speed for optimum results.



The highlights:

- Electronically controlled front axle suspension
- Maximum stability in all working conditions
- Outboard dry disc brakes
- Booster brake system
- Standard EPB on TTV models



Electronically controlled suspension incorporating an "anti-dive" and "anti-rise" system. The suspension can be used in the field and on the road. Fully lockable when needed.



TTV models – EPB replaces the mechanical handbrake lever and is operated via an electric push-button control on the armrest console.

NEW FRONT AXLE AND BRAKE CONCEPT – NO COMPROMISE BETWEEN SAFETY AND DRIVING COMFORT.

The new front axle concept and braking system of the 6 Series is unique in this performance class. The front axle is now fitted with an adaptive system featuring three automatic suspension levels and a longer stroke, leading to a substantial increase in suspension. The suspension system is electronically controlled. Depending on the brake efficiency, driving speed and the terrain, three suspension levels are activated – the anti-dive and anti-rise system, the complete suspension system for the field and on the road, and the locked suspension system. 50 mm and 100 mm spacer rings are available for larger treads and increased stability when transporting.

The 6 Series (6205 and 6215 models) is the only tractor fitted with high-performance disc breaks on the front axle, with the additional brake system ensuring maximum braking performance with the lightest pedal pressure.

TTV models are standard equipped with the EPB (Electronic parking brake): the automatic parking brake system which acts on the rear brake discs to relieve any pressure from the pinion shaft. The EPB automatically disengages when the shuttle direction is activated and automatically engages when the driver leaves the seat.



OUT WORKING IN GRASS WITH A MOWER COMBINATION IN THE MORNING – FRONT LOADER AND TRANSPORT WORK IN THE AFTERNOON, FOLLOWED BY A DAY OF HEAVY TILLAGE WORK. THESE ARE THE STRENGTHS OF THE 6 SERIES.



New front lift position control (TTV models) with maximum lifting power of 5,480 kg.



External hydraulic, rear power lift and PTO shaft can be easily controlled from each side.

The highlights:

- Broad configuration possibilities
- Mechanical or electro-hydraulic control of hydraulics
- Proportional valves used for all electro-hydraulic valves (MaxiVision2 cab)
- Position-controlled front linkage (TTV models)
- New front lift concept – integrated in the front of the tractor
- New LS eco-pump with 170 L/min: improved efficiency thanks to 30% lower power consumption (-1.3 kW at rated speed, in neutral) (6155-6185 TTV models).

THE ATTACHMENT POINTS. PREPARED FOR A WIDE RANGE OF APPLICATIONS.

The attachment points of the new 6 Series are available with a wide range of feature options. For the hydraulics, you can choose between mechanical and electro-hydraulic controls, up to five hydraulic valves in the rear and two in the front, and a hydraulic pump output of up to 170 L/min, with a rear lifting capacity up to 10,000 kg. The models with the MaxiVision 2 cab offer proportionally controlled hydraulic valves, for the finely differentiated operation and control of equipment. A separate oil tank ensures an ample supply for the TTV models, thereby extending maintenance intervals. A load sensing system or fixed displacement pump is available based on customer requirements. The new hydraulic system of the 6 Series TTV allows the addition of a position-controlled front lift. The new front support with the newly integrated front lift is designed to match the front suspension, providing a compact layout for maximum steering capability, offering

up to 5,480 kg lift with up to two control valves in the front. This front area can be fitted with an ISOBUS interface. The proportionally controlled PTO shaft prevents abrupt starts and protects transmission and all tractor components. With four PTO speeds (540/540ECO/1000/1000ECO) at the rear and 1000 or 1000ECO at the front, all work can be carried out very efficiently. The PTO's ECO mode helps reduce engine speeds and thereby has a significant impact on fuel savings. The new InfoCentre^{pro} provides clear, easily understandable information about hydraulic and PTO functions. All hydraulic and PTO functions can be easily set and controlled from the right console or multifunctional armrest in the cab. The 6 Series models are available factory-fitted with a 'Light Kit' or 'Ready Kit' for for the front loader, meaning that front loader interfaces are already integrated and front loader installation costs are notably reduced.



EVERY TILLAGE APPLICATION IS DIFFERENT, EVERY SOIL TYPE IS CHALLENGING, BUT ALL HAVE THE HIGHEST DEMANDS FOR PRECISION FARMING TECHNOLOGY.



The highlights:

- The 6 series is factory-fitted with the entire range of DEUTZ-FAHR Precision Farming technologies
- 12" iMonitor2 colour touchscreen: the largest touchscreen on the market
- Optional easy steer system
- Section Control, TIM-ready

The new 6 Series is factory-fitted with the most advanced precision farming technology, with unique features of the central monitoring and control units coupled with a 12" or 8" iMonitor 2 display. Everything runs on a single, clear user interface, from tractor functions to ISOBUS applications, automatic steering, control systems and data management. Two independent cameras can be fitted as an option. If desired, the new 6 Series can also be equipped TIM-ready (Tractor Implement Management), resulting in the intelligent combination of the tractor and work equipment – technology to boost your precision and comfort at work. Another option available is the ISOBUS system. It enables the use of armrest controls to operate work equipment as well as to reduce the number of operating elements and monitors in the cab. The section control and variable rate control systems for sprayers and seeders are included as standard, allowing the driver to activate or deactivate sections in order to avoid overlap and to conserve crop protection agents and seed. Thanks to an optional remote control system, product specialists can support the operator remotely via screen. There are also automatic control systems as well as solutions for wireless data transmission and data management covering all areas of work, from planning to invoicing.

**PRECISION FARMING SYSTEMS.
 HIGHEST ACCURACY
 ON DEMAND.**



TIM-ready (Tractor Implement Management) functions to automatically fulfil implement requirements.



ISOBUS integration. Equipment functions controlled via defined tractor keys.



Section control and variable rate control optionally available.



Thanks to the ISOXML standard, tasks can be planned, documented and evaluated with numerous agricultural field records.



FORM FOLLOWS FUNCTION.
BOTH FOLLOW THE NEEDS
OF FARMERS.

When it comes to the design of tractors, many people tend to view design purely in terms of the appearance of the tractor. Of course, appearance is important, but good design is more than that, it includes a variety of additional features. The primary consideration in all plans is the person and the endeavour to make their work easier. Countless series of tests have shown how viewing spaces, light concepts, ranges of motion, operating sequences and the integration of technical components should be designed and organised to make the driver's work as easy as possible and the tractor as efficient as possible as an overall



The 6 Series is standard equipped with halogen lights.



The cab and engine bonnet are separated from each other to significantly reduce noise and vibrations and thereby ensure maximum comfort.



Premium materials and attention to detail.

system. The goal is to optimise all functions and ensure optimal interaction between the driver and the tractor. The very best tractor design has a name: Italdesign Giugiaro, one of the most influential companies in vehicle design in the 20th and 21st centuries. With over 200 design concepts for international automotive and commercial vehicle brands, including many classic models, this famous company has made history. The new 6 Series makes the combined experience from over 100 years of DEUTZ-FAHR tractor construction and leading Giugiaro vehicle design available to agricultural entrepreneurs.

Technical Data	6.4 SERIES AGROTRON POWERSHIFT/RCSHIFT		
	6155.4	6165.4	6175.4
ENGINE			
Manufacturer	Deutz	Deutz	Deutz
Model	TCD 4.1 L04	TCD 4.1 L04	TCD 4.1 L04
Emissions	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)
Cylinder / Displacement	n°/cc	4/4,038	4/4,038
Turbo Intercooler		●	●
Viscodynamic fan		●	●
Wastegate valve		●	●
Deutz Common Rail (DCR)	bar	1,600	1,600
Max. power (ECE R120)	kW/hp	114.9/156	120.8/164
Max. power with boost (ECE R120)	kW/hp	-	125.8/171
Power at rated engine speed (ECE R 120)	kW/hp	109.5/149	115.1/157
Power at rated engine speed with boost (ECE R 120)	kW/hp	-	119.9/163
Homologated Engine power in accordance with delegated regulation (EU) 2015/96	kW/hp	109.5/149	119.9/163
Engine speed at maximum power	rpm	1,900	1,900
Max. engine speed (rated)	rpm	2,100	2,100
Maximum torque	Nm	663	699
Engine speed at maximum torque	rpm	1,500	1,400
Torque rise	%	33	28
Electronic engine governor		●	●
Air filter with dust ejector (PowerCore)		●	●
Exhaust After Treatment (EGR+DPF+SCR)		●	●
Fuel tank capacity	litres	225	225
AdBlue tank capacity	litres	28	28
TRANSMISSION			
Manufacturer	ZF	ZF	ZF
Model (Manual/Full Robotized)	TPT16 / TPT16 RCshift	TPT16 / TPT16 RCshift	TPT18 / TPT18 RCshift
Number of speeds	No.	30+15	30+15
Number of speeds with supercreeper gear	No.	54+27	54+27
Powershift number of speeds (front/rear)	No.	6/3	6/3
Minimum speed with supercreeper gear	km/h	0.37	0.37
Max speed 50 Km/h (Manual/RCshift)	km/h@rpm	50@1,969 / 50@1,530	50@1,969 / 50@1,530
Max speed 40 Km/h (Manual/RCshift)	km/h@rpm	40@1,575 / 40@1,224	40@1,575 / 40@1,224
Driving Strategies (Manual/Semi-Auto/Full Auto Field-/Full Auto Road) (RCshift only)		●	●
Automatic Powershift (RCshift only)		●	●
SpeedMatching		●	●
SenseShift		●	●
Hydraulic reverse power shuttle		●	●
ComfortClutch		●	●
SenseClutch with 5 adjustment levels		●	●
Multiplate wet clutch electrohydraulically operated		●	●
P.T.O.			
P.T.O. 540/540ECO/1000/1000ECO		●	●
AUTO P.T.O.		●	●
Front P.T.O. 1000/1000ECO		○	○
AXLES AND BRAKES			
Front axle manufacturer	Carraro	Carraro	Carraro
Front axle model	20.29	20.29	20.29
Suspended adaptive front axle		○	○
Front axle with brakes		○	○
Front axle with external dry disk brakes		-	-
Agrosky autosteering predisposition with EasySteer function		○	○
Front and rear (50 or 100 mm) spacers		○	○
Front wheel drive electrohydraulically engaged		●	●
Electrohydraulically operated front and rear differential lock		●	●
Four-wheel braking system with automatic 4WD engagement		●	●
PowerBrake		●	●
Mechanical parking brake		●	●
Hydraulic trailer braking valve		○	○
Trailer air braking valve		○	○
Hydrostatic steering with independent pump		●	●
Steering pump capacity	l/min	42	42
Steering angle	degree	52°	52°

Technical Data	6.4 SERIES AGROTRON POWERSHIFT/RCSHIFT		
	6155.4	6165.4	6175.4
HYDRAULIC SYSTEM AND LIFT			
Manufacturer	Bosch/Danfoss	Bosch/Danfoss	Bosch/Danfoss
Fixed displacement pump (standard)	l/min	84	84
Variable displacement pump (Load Sensing) (standard)	l/min	-	-
Variable displacement pump (Load Sensing) (optional)	l/min	120/160	120/160
Auxiliary rear mechanical distributors (standard)	No.	2	2
Auxiliary rear mechanical distributors (optional)	No.	4	4
Auxiliary rear electrohydraulic distributors (RCshift only)	No.	2/4/5	2/4/5
Auxiliary front hydraulic distributors (ComfortPack)	No.	1/2	1/2
Power Beyond		○	○
Maximum deliverable quantity of oil	litres	40	40
Electronically controlled rear lift		●	●
Radar		○	○
Rear lift capacity (standard)	kg	6,200	6,200
Rear lift capacity (optional)	kg	9,700	9,700
Right hand tie-rod and third mechanical point		●	●
Right hand tie-rod and third hydraulic point		○	○
Controls on mudguard		●	●
Mechanical front lift with retractable coupling bars		○	○
Front lifting capacity	kg	4,110	4,110
ELECTRICAL SYSTEM			
Tension	V	12	12
Standard battery	V/Ah	12 / 143	12 / 143
Battery for cold climates	V/Ah	12 / 180	12 / 180
Alternator	V/A	14 / 200	14 / 200
Starter	V/kW	12 / 4	12 / 4
External power outlet socket		●	●
Power outlet socket for sup. amperage		●	●
Implements interface ISO 11786		○	○
Implements interface ISO 11783		○	○
CAB			
MaxiVision/MaxiVision2*		●	●
Multifunctional Joystick (RCshift only)		●	●
iMonitor² (8" or 12")		○	○
InfoCentre™ (5" High Level Cluster)		●	●
Agrosky system		○	○
Comfortip (Headland Management)		●	●
Comfortip professional (only with iMonitor)		○	○
Max Comfort Professional XL seat		●	●
Max Comfort Dynamic XL seat		○	○
Padded passenger seat		●	●
Mechanical cab suspension		○	○
Pneumatic cab suspension		○	○
Air conditioning		●	●
Automatic A/C system		○	○
Anti-UV high visibility roof		○	○
Wiring for audio system with speakers		●	●
Telescopic external mirrors		●	●
Telescopic external electric and heated mirrors		○	○
Light control panel		○	○
Halogen work lights		●	●
4 Gen. LED work lights		○	○
Integrated driving LED lights		○	○
Coming home function		●	●

●: standard ○: optional -: not available
*: standard or optional according to the equipment

Technical Data	6.4 SERIES AGROTRON TTV		
	6155.4 TTV	6165.4 TTV	6175.4 TTV
ENGINE			
Manufacturer	Deutz	Deutz	Deutz
Model	TCD 4.1 L04	TCD 4.1 L04	TCD 4.1 L04
Emissions	Stage 4 (Tier 4Final)	Stage 4 (Tier 4Final)	Stage 4 (Tier 4Final)
Cylinder / Displacement	n°/cc	4/4,038	4/4,038
Turbo Intercooler		●	●
Wastegate valve		●	●
Electronic Viscostatic fan		●	●
Deutz Common Rail (DCR)	bar	1,600	1,600
Max. power (ECE R120)	kW/hp	114.9/156	120.8/164
Max. power with boost (ECE R120)	kW/hp	-	125.8/171
Power at rated engine speed (ECE R 120)	kW/hp	109.5/149	115.1/157
Power at rated engine speed with boost (ECE R 120)	kW/hp	-	119.9/163
Homologated Engine power in accordance with delegated regulation (EU) 2015/96	kW/hp	109.5/149	119.9/163
Engine speed at maximum power	rpm	1,900	1,900
Max. engine speed (rated)	rpm	2,100	2,100
Maximum torque	Nm	663	699
Engine speed at maximum torque	rpm	1,500	1,400
Torque rise	%	33	28
Electronic engine governor		●	●
Air filter with dust ejector (PowerCore)		●	●
Exhaust After Treatment (EGR+DPF+SCR)		●	●
Fuel tank capacity	litres	225	225
AdBlue tank capacity	litres	28	28
TRANSMISSION			
Manufacturer	ZF	ZF	ZF
Model	Eccom 1.5	Eccom 1.5	Eccom 1.5
Number of ranges	n°	4	4
Max speed 50 Km/h	km/h@rpm	50@1,831	50@1,773
Max speed 40 Km/h	km/h@rpm	40@1,464	40@1,418
PowerZero		●	●
CruiseSpeed	n°	2+2	2+2
Driving Strategies (Auto/Manual/PTO)		●	●
Eco/Power control		●	●
Hydraulic reverse power shuttle		●	●
SenseClutch with 5 adjustment levels		●	●
P.T.O.			
P.T.O. 540/540ECO/1000/1000ECO		●	●
AUTO P.T.O.		●	●
Front P.T.O. 1000/1000ECO		○	○
HYDRAULIC SYSTEM AND LIFT			
Front axle manufacturer	Carraro	Carraro	Carraro
Front axle model	20.29	20.29	20.29
Adjustable rear axle		○	○
Front and rear (50 or 100 mm) spacers		○	○
Suspended adaptive front axle		○	○
Front axle with brakes		○	○
Front axle with external dry disk brakes		-	-
Agrosky autosteering predisposition with EasySteer function		○	○
Front wheel drive electrohydraulically engaged		●	●
Electrohydraulically operated front and rear differential lock		●	●
Four-wheel braking system with automatic 4WD engagement		●	●
PowerBrake		●	●
EPB Electronic Parking Brake		●	●
Hydraulic trailer braking valve		○	○
Trailer Stretch function		●	●
Trailer air braking valve		○	○
Hydrostatic steering with independent pump		●	●
Steering pump capacity	l/min	52	52
Steering angle	degree	52°	52°

Technical Data	6.4 SERIES AGROTRON TTV		
	6155.4 TTV	6165.4 TTV	6175.4 TTV
HYDRAULIC SYSTEM AND LIFT			
Manufacturer		Bosch/Danfoss	Bosch/Danfoss
Variable displacement pump (standard)	l/min	120	120
Variable displacement pump (optional)	l/min	170	170
Closed centre hydraulic system (Load Sensing)		●	●
Auxiliary rear electrohydraulic distributors (standard)	No.	2	2
Auxiliary rear electrohydraulic distributors (optional)	No.	4/5	4/5
Auxiliary front electrohydraulic distributors (optional)	No.	1/2	1/2
Electrohydraulic control with flow regulator and timer		●	●
Power Beyond		○	○
Maximum deliverable quantity of oil	litres	40	40
Separate oil tank	litres	50	50
Electronically controlled rear lift		●	●
Radar		○	○
Rear lift capacity	kg	9,200	9,200
Right hand tie-rod and third mechanical point		●	●
Right hand tie-rod and third hydraulic point		○	○
Controls on mudguard		●	●
Electronically controlled front lift		○	○
Front lift capacity	kg	4,110	4,110
ELECTRICAL SYSTEM			
Tension	V	12	12
Standard battery	V/Ah	12 / 143	12 / 143
Battery for cold climates	V/Ah	12 / 180	12 / 180
Alternator	V/A	14 / 200	14 / 200
Starter	V/kW	12 / 4	12 / 4
External power outlet socket		●	●
Power outlet socket for sup. amperage		●	●
Implements interface ISO 11786		○	○
Implements interface ISO 11783		○	○
CAB			
MaxiVision2		●	●
MaxCom multifunction armrest		●	●
iMonitor² (8" or 12")		○	○
Work Display		●	●
InfoCentre™ (5" High Level Cluster)		●	●
Agrosky system		○	○
Comfortip (Headland Management)		●	●
Comfortip professional (only with iMonitor)		○	○
Max-Comfort Dynamic XL seat		●	●
Max-Comfort Dynamic XXL seat		○	○
Max-Comfort Evolution Active DDS seat		○	○
Padded passenger seat		●	●
Mechanical cab suspension		●	●
Pneumatic cab suspension		○	○
Air conditioning		●	●
Automatic A/C system		○	○
Anti-UV high visibility roof		○	○
Wiring for audio system with speakers		●	●
Telescopic external mirrors		●	●
Telescopic external electric and heated mirrors		○	○
Light control panel		●	●
Halogen work lights		●	●
4 Gen LED work lights		○	○
Integrated driving LED lights		○	○
Ambience light		●	●
Coming home function		●	●

●: standard ○: optional -: not available

Technical Data	6 SERIES AGROTRON POWERSHIFT / RCSHIFT						
	6155	6165	6175	6185	6205	6215	
ENGINE							
Manufacturer	Deutz	Deutz	Deutz	Deutz	Deutz	Deutz	
Model	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	
Emissions	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	Stage4 (Tier 4Final)	
Cylinder / Displacement	n°/cc	6/6,057	6/6,057	6/6,057	6/6,057	6/6,057	
Turbo Intercooler		●	●	●	●	●	
Viscodynamic fan		●	●	●	●	●	
Wastegate valve		●	●	●	●	●	
Deutz Common Rail (DCR)	bar	1,600	1,600	1,600	1,600	1,600	
Power at rated engine speed (ECE R 120)	kW/hp	109.5/149	115.1/157	124.4/169	133/181	144.4/196	147.6/201
Max. power (ECE R120)	kW/hp	114.9/156	120.8/164	129.5/176	138.5/188	152.3/207	156.2/212
Power at rated engine speed with boost (ECE R 120)	kW/hp	-	119.9/163	-	-	-	157/214
Max. power with boost (ECE R120)	kW/hp	-	125.8/171	-	-	-	166/226
Homologated Engine power in accordance with delegated regulation (EU) 2015/96	kW/hp	109.5/149	120/163	124.4/169	133/181	144.4/196	157/214
Engine speed at maximum power	rpm	1,900	1,900	1,900	1,900	1,900	1,900
Max. engine speed (rated)	rpm	2,100	2,100	2,100	2,100	2,100	2,100
Maximum torque	Nm	663	699	739	818	850	889
Engine speed at maximum torque	rpm	1,500	1,400	1,500	1,500	1,500	1,500
Torque rise	%	33	28	35	35	29	24
Electronic engine governor		●	●	●	●	●	●
Exhaust engine brake		○	○	○	○	○	○
Air filter with dust ejector (PowerCore)		●	●	●	●	●	●
Exhaust After Treatment (EGR+DPF+SCR)		●	●	●	●	●	●
Fuel tank capacity	litres	280	280	280	280	280	280
AdBlue tank capacity	litres	35	35	35	35	35	35
TRANSMISSION							
Manufacturer	ZF	ZF	ZF	ZF	ZF	ZF	
Model (Manual/Full Robotized)	TPT16 / TPT16 RCshift	TPT16 / TPT16 RCshift	TPT18 / TPT18 RCshift	TPT18 / TPT18 RCshift	TPT20 / TPT20 RCshift	TPT20 / TPT20 RCshift	
Number of speeds	No.	30+15	30+15	30+15	30+15	30+15	
Number of speeds with supercreeper gear	No.	54+27	54+27	54+27	54+27	54+27	
Powershift number of speeds (front/rear)	No.	6/3	6/3	6/3	6/3	6/3	
Minimum speed with supercreeper gear	km/h	0.37	0.37	0.39	0.39	0.39	0.39
Max speed 50 Km/h	km/h@rpm	50@1,969 / 50@1,530	50@1,969 / 50@1,530	50@1,863 / 50@1,447	50@1,863 / 50@1,447	50@1,863 / 50@1,447	50@1,863 / 50@1,447
Max speed 40 Km/h	km/h@rpm	40@1,575 / 40@1,224	40@1,575 / 40@1,224	40@1,490 / 40@1,158	40@1,490 / 40@1,158	40@1,490 / 40@1,158	40@1,490 / 40@1,158
Driving Strategies (Manual/Semi-Auto/Full Auto Field/Full Auto Road) (RCshift only)		●	●	●	●	●	●
Automatic Powershift (RCshift only)		●	●	●	●	●	●
SpeedMatching		●	●	●	●	●	●
SenseShift		●	●	●	●	●	●
Hydraulic reverse power shuttle		●	●	●	●	●	●
ComfortClutch		●	●	●	●	●	●
SenseClutch with 5 adjustment levels		●	●	●	●	●	●
Multiplate wet clutch electrohydraulically operated		●	●	●	●	●	●
P.T.O.							
P.T.O. 540/540ECO/1000/1000ECO		●	●	●	●	●	●
AUTO P.T.O.		●	●	●	●	●	●
Front P.T.O. 1000/1000ECO		○	○	○	○	○	○
AXLES AND BRAKES							
Front axle manufacturer		Carraro	Carraro	Carraro	Dana	Dana	Dana
Front axle model		20.29	20.29	20.29	M50	M50/M60L	M60L
Suspended adaptive front axle		○	○	○	○	○	○
Front axle with brakes		○	○	○	○	○	○
Front axle with external dry disk brakes		-	-	-	-	-	-
Agrosky autosteering predisposition with EasySteer function		○	○	○	○	○	○
Front and rear (50 or 100 mm) spacers		○	○	○	○	○	○
Front wheel drive electrohydraulically engaged		●	●	●	●	●	●
Electrohydraulically operated front and rear differential lock		●	●	●	●	●	●
Four-wheel braking system with automatic 4WD engagement		●	●	●	●	●	●
PowerBrake		●	●	●	●	●	●
Mechanical parking brake		●	●	●	●	●	●
Hydraulic trailer braking valve		○	○	○	○	○	○
Trailer air braking valve		○	○	○	○	○	○
Hydrostatic steering with independent pump		●	●	●	●	●	●
Steering pump capacity	l/min	42	42	42	42	42	42
Steering angle	degree	52°	52°	52°	52°	52°	52°

Technical Data	6 SERIES AGROTRON POWERSHIFT / RCSHIFT					
	6155	6165	6175	6185	6205	6215
HYDRAULIC SYSTEM AND LIFT						
Manufacturer		Bosch/Danfoss	Bosch/Danfoss	Bosch/Danfoss	Bosch/Danfoss	Bosch/Danfoss
Fixed displacement pump (standard)	l/min	84	84	84	-	-
Variable displacement pump (Load Sensing) (standard)	l/min	-	-	-	120	120
Variable displacement pump (Load Sensing) (optional)	l/min	120/160	120/160	120/160	160	160
Auxiliary rear mechanical distributors (standard)	No.	2	2	2	2	2
Auxiliary rear mechanical distributors (optional)	No.	4	4	4	4	4
Auxiliary rear electrohydraulic distributors (RCshift only)	No.	2/4/5	2/4/5	2/4/5	2/4/5	2/4/5
Auxiliary front hydraulic distributors (ComfortPack)	No.	1/2	1/2	1/2	1/2	1/2
Power Beyond		○	○	○	○	○
Maximum deliverable quantity of oil	litres	40	40	40	40	40
Electronically controlled rear lift		●	●	●	●	●
Radar		○	○	○	○	○
Rear lift capacity (standard)	kg	6,200	6,200	6,200	6,200	6,200
Rear lift capacity (optional)	kg	9,700	9,700	9,700	9,700	9,700
Right hand tie-rod and third mechanical point		●	●	●	●	●
Right hand tie-rod and third hydraulic point		○	○	○	○	○
Controls on mudguard		●	●	●	●	●
Mechanical front lift with retractable coupling bars		○	○	○	○	○
Front lifting capacity	kg	4,110	4,110	4,110	5,480	5,480
ELECTRICAL SYSTEM						
Tension	V	12	12	12	12	12
Standard battery	V/Ah	12 / 143	12 / 143	12 / 143	12 / 143	12 / 143
Battery for cold climates	V/Ah	12 / 180	12 / 180	12 / 180	12 / 180	12 / 180
Alternator	V/A	14 / 200	14 / 200	14 / 200	14 / 200	14 / 200
Starter	V/kW	12 / 4	12 / 4	12 / 4	12 / 4	12 / 4
External power outlet socket		●	●	●	●	●
Power outlet socket for sup. amperage		●	●	●	●	●
Implements interface ISO 11786		○	○	○	○	○
Implements interface ISO 11783		○	○	○	○	○
CAB						
MaxiVision/MaxiVision2*		●	●	●	●	●
Multifunctional Joystick (RCshift only)		●	●	●	●	●
iMonitor ² (8" or 12")		○	○	○	○	○
InfoCentre [™] (5" High Level Cluster)		●	●	●	●	●
Agrosky system		○	○	○	○	○
Comfortip (Headland Management)		●	●	●	●	●
Comfortip professional (only with iMonitor)		○	○	○	○	○
Max Comfort Professional XL seat		●	●	●	●	●
Max Comfort Dynamic XL seat		○	○	○	○	○
Padded passenger seat		●	●	●	●	●
Mechanical cab suspension		○	○	○	○	○
Pneumatic cab suspension		○	○	○	○	○
Air conditioning		●	●	●	●	●
Automatic A/C system		○	○	○	○	○
Anti-UV high visibility roof		○	○	○	○	○
Wiring for audio system with speakers		●	●	●	●	●
Telescopic external mirrors		●	●	●	●	●
Telescopic external electric and heated mirrors		○	○	○	○	○
Light control panel		○	○	○	○	○
Halogen work lights		●	●	●	●	●
4 Gen LED work lights		○	○	○	○	○
Integrated driving LED lights		○	○	○	○	○
Coming home function		●	●	●	●	●

●: standard ○: optional -: not available
*: standard or optional according to the equipment

Technical Data	6 SERIES AGROTRON TTV					
	6155 TTV	6165 TTV	6175 TTV	6185 TTV	6205 TTV	6215 TTV
Engine						
Manufacturer	Deutz		Deutz		Deutz	
Model	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06
Emissions	Stage4 (Tier 4Final)		Stage4 (Tier 4Final)		Stage4 (Tier 4Final)	
Cylinder / Displacement	n°/cc	6/6,057	6/6,057	6/6,057	6/6,057	6/6,057
Turbo Intercooler		●	●	●	●	●
Wastegate valve		●	●	●	●	●
Electronic Viscostatic fan		●	●	●	●	●
Deutz Common Rail (DCR)	bar	1,600	1,600	1,600	1,600	1,600
Power at rated engine speed (ECE R 120)	kW/hp	109.5/149	115.1/157	124.4/169	133/181	144.4/196
Max. power (ECE R120)	kW/hp	114.9/156	120.8/164	129.5/176	138.5/188	152.3/207
Power at rated engine speed with boost (ECE R 120)	kW/hp	-	119.9/163	-	133/181	144.4/196
Max. power with boost (ECE R120)	kW/hp	-	125.8/171	-	138.5/188	152.3/207
Homologated Engine power in accordance with delegated regulation (EU) 2015/96	kW/hp	109.5/149	120/163	124.4/169	133/181	144.4/196
Engine speed at maximum power	rpm	1,900	1,900	1,900	1,900	1,900
Max. engine speed (rated)	rpm	2,100	2,100	2,100	2,100	2,100
Maximum torque	Nm	663	699	739	818	850
Engine speed at maximum torque	rpm	1,500	1,400	1,500	1,500	1,500
Torque rise	%	33	28	31	35	29
Electronic engine governor		●	●	●	●	●
Exhaust engine brake		○	○	○	○	○
Air filter with dust ejector (PowerCore)		●	●	●	●	●
Exhaust After Treatment (EGR+DPF+SCR)		●	●	●	●	●
Fuel tank capacity	litres	280	280	280	280	435
AdBlue tank capacity	litres	35	35	35	35	50
TRANSMISSION						
Manufacturer	ZF		ZF		ZF	
Model	Eccom 1.5	Eccom 1.5	Eccom 1.5/1.5 HD	Eccom 1.5/1.5 HD	S-Matic 180+	S-Matic 180+
Number of ranges	n°	4	4	4	4	4
Max speed 50 Km/h	km/h@rpm	50@1,831	50@1,831	50@1,773/50@2,051	50@1,773/50@2,051	50@1,902
Max speed 40 Km/h	km/h@rpm	40@1,464	40@1,464	40@1,418/40@1,641	40@1,418/40@1,641	40@1,521
PowerZero		●	●	●	●	●
CruiseSpeed	n°	2 + 2	2 + 2	2 + 2	2 + 2	2 + 2
Driving Strategies (Auto/Manual/PTO)		●	●	●	●	●
Eco/Power control		●	●	●	●	●
Hydraulic reverse power shuttle		●	●	●	●	●
SenseClutch with 5 adjustment levels		●	●	●	●	●
P.T.O.						
P.T.O. 540/540ECO/1000/1000ECO		●	●	●	●	●
AUTO PTO		●	●	●	●	●
Front P.T.O. 1000/1000ECO		○	○	○	○	○
AXLES AND BRAKES						
Front axle manufacturer	Carraro	Carraro	Carraro	Dana	Dana	Dana
Front axle model	20.29	20.29	20.29	M50	M60L	M60L
Adjustable rear axle		○	○	○	○	○
Front and rear (50 or 100 mm) spacers		○	○	○	○	○
Suspended adaptive front axle		○	○	○	○	○
Front axle with brakes		○	○	○	-	-
Front axle with external dry disk brakes		-	-	-	○	○
Agrosky autosteering predisposition with EasySteer function		○	○	○	○	○
Front wheel drive electrohydraulically engaged		●	●	●	●	●
Electrohydraulically operated front and rear differential lock		●	●	●	●	●
Four-wheel braking system with automatic 4WD engagement		●	●	●	●	●
PowerBrake		●	●	●	●	●
EPB Electronic Parking Brake		●	●	●	●	●
Hydraulic trailer braking valve		○	○	○	○	○
Trailer Stretch function		●	●	●	●	●
Trailer air braking valve		○	○	○	○	○
Hydrostatic steering with independent pump		●	●	●	●	●
Steering pump capacity	l/min	52	52	52	52	46
Steering angle	degree	52°	52°	52°	52°	52°

Technical Data	6 SERIES AGROTRON TTV					
	6155 TTV	6165 TTV	6175 TTV	6185 TTV	6205 TTV	6215 TTV
HYDRAULIC SYSTEM AND LIFT						
Manufacturer	Bosch/Danfoss		Bosch/Danfoss		Bosch/Danfoss	
Variable displacement pump (standard)	l/min	120	120	120	120	120
Variable displacement pump (optional)	l/min	170	170	170	170	160
Closed centre hydraulic system (Load Sensing)		●	●	●	●	●
Auxiliary rear electrohydraulic distributors (standard)	No.	2	2	2	2	2
Auxiliary rear electrohydraulic distributors (optional)	No.	4/5	4/5	4/5	4/5	4/5
Auxiliary front electrohydraulic distributors (optional)	No.	1/2	1/2	1/2	1/2	1/2
Electrohydraulic control with flow regulator and timer		●	●	●	●	●
Power Beyond		○	○	○	○	○
Maximum deliverable quantity of oil	litres	40	40	40	40	40
Separate oil tank	litres	50	50	50	50	50
Electronically controlled rear lift		●	●	●	●	●
Radar		○	○	○	○	○
Rear lift capacity	kg	9,200	9,200	9,200	9,200	10,000
Right hand tie-rod and third mechanical point		●	●	●	●	●
Right hand tie-rod and third hydraulic point		○	○	○	○	○
Controls on mudguard		●	●	●	●	●
Electronically controlled front lift		○	○	○	○	○
Front lift capacity	kg	4,110	4,110	4,110	5,480	5,480
ELECTRICAL SYSTEM						
Tension	V	12	12	12	12	12
Standard battery	V/Ah	12 / 143	12 / 143	12 / 143	12 / 143	12 / 143
Battery for cold climates	V/Ah	12 / 180	12 / 180	12 / 180	12 / 180	12 / 180
Alternator	V/A	14 / 200	14 / 200	14 / 200	14 / 200	14 / 200
Starter	V/kW	12 / 4	12 / 4	12 / 4	12 / 4	12 / 4
External power outlet socket		●	●	●	●	●
Power outlet socket for sup. amperage		●	●	●	●	●
Implements interface ISO 11786		○	○	○	○	○
Implements interface ISO 11783		○	○	○	○	○
CAB						
MaxiVision2		●	●	●	●	●
MaxCom multifunction armrest		●	●	●	●	●
iMonitor ² (8" or 12")		○	○	○	○	○
Work Display		●	●	●	●	●
InfoCentre ^{pro} (5" High Level Cluster)		●	●	●	●	●
Agrosky system		○	○	○	○	○
Comfortip (Headland Management)		●	●	●	●	●
Comfortip professional (only with iMonitor)		○	○	○	○	○
Max-Comfort Dynamic XL seat		●	●	●	●	●
Max-Comfort Dynamic XXL seat		○	○	○	○	○
Max-Comfort Evolution Active DDS seat		○	○	○	○	○
Padded passenger seat		●	●	●	●	●
Mechanical cab suspension		●	●	●	●	●
Pneumatic cab suspension		○	○	○	○	○
Air conditioning		●	●	●	●	●
Automatic A/C system		○	○	○	○	○
Anti-UV high visibility roof		○	○	○	○	○
Wiring for audio system with speakers		●	●	●	●	●
Telescopic external mirrors		●	●	●	●	●
Telescopic external electric and heated mirrors		○	○	○	○	○
Light control panel		●	●	●	●	●
Halogen work lights		●	●	●	●	●
4 Gen LED work lights		○	○	○	○	○
Integrated driving LED lights		○	○	○	○	○
Ambience light		●	●	●	●	●
Coming home function		●	●	●	●	●

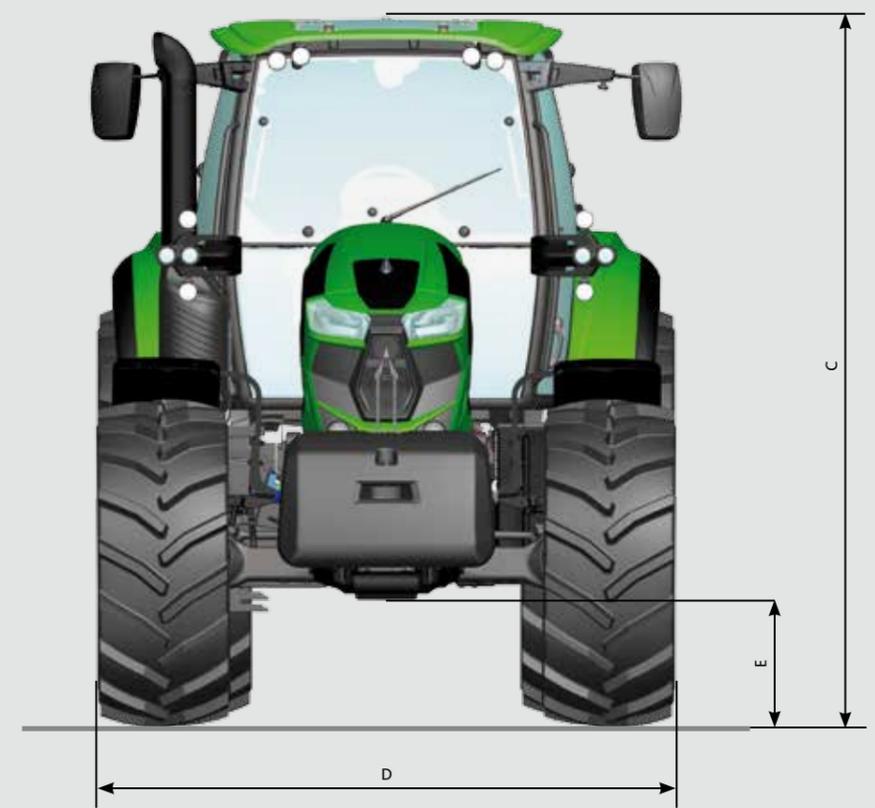
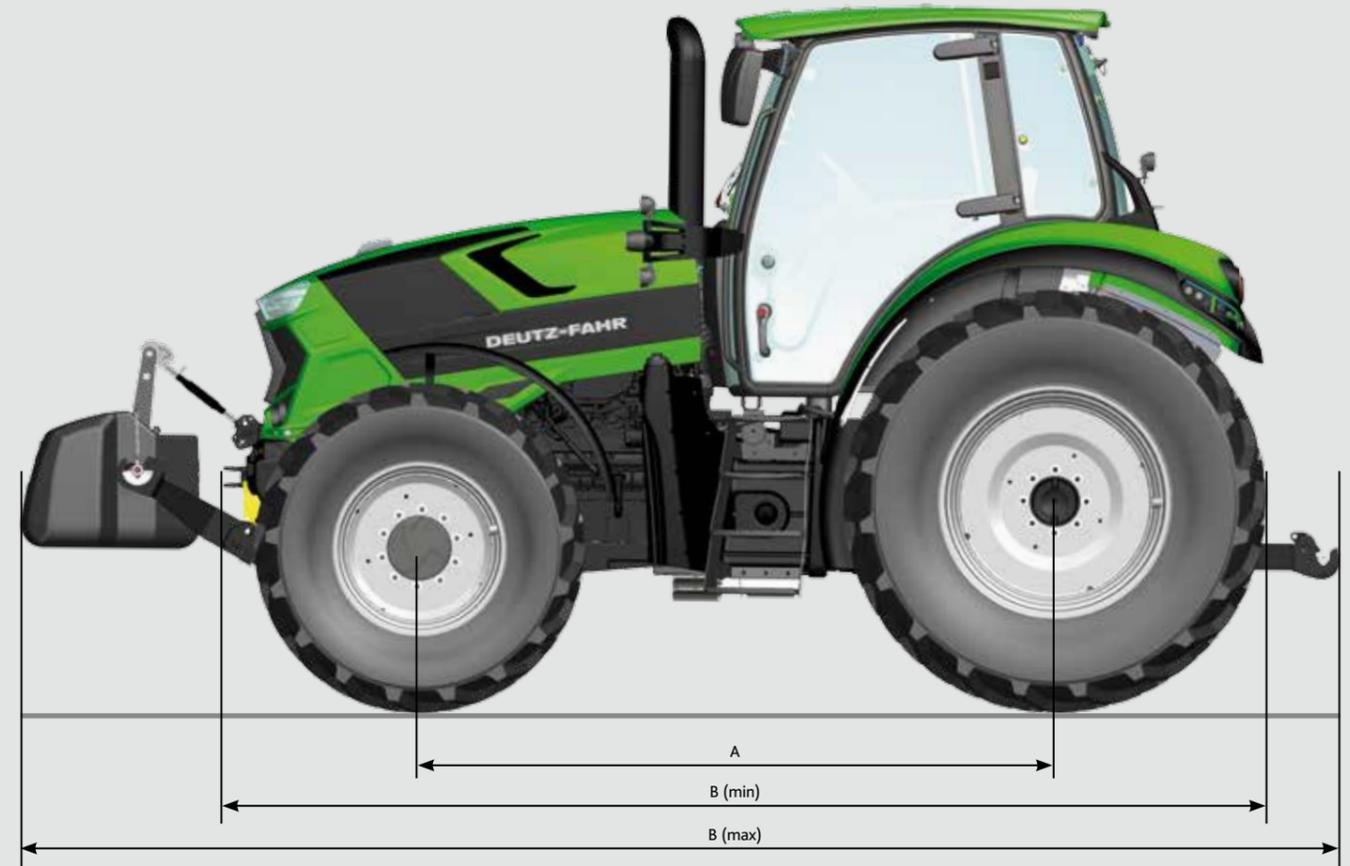
●: standard ○: optional -: not available

Technical Data	6.4 SERIES AGROTRON POWERSHIFT/RCSHIFT		
	6155.4	6165.4	6175.4
DIMENSIONS AND WEIGHTS			
Front axle	CA 20.29	CA 20.29	CA 20.29
Front axle width (flange to flange)	1,840	1,840	1,840
Front axle width with brakes (flange to flange)	1,890	1,890	1,890
Front axle width with external dry disk brakes (flange to flange)	-	-	-
Rear axle width (flange to flange)	1,720	1,720	1,720
Rear axle width with bar axle (flange to flange) (min-max)	-	-	-
With front tyres (min)	420/85R28	420/85R28	420/85R28
With rear tyres (min)	520/85R238	520/85R238	520/85R238
With front tyres (max)	600/60R28	600/60R28	600/60R28
With rear tyres (max)	710/60R38	710/60R38	710/60R38
Wheelbase (A)	2,543	2,543	2,543
Length (min-max) (B)	4,193-5,255	4,193-5,255	4,193-5,255
Height (min-max) (C)	2,920-3,032	2,920-3,032	2,920-3,032
Width (min-max) (D)	2,456-2,720	2,456-2,720	2,456-2,720
Ground clearance (min-max) (E)	390-490	390-490	390-490
Total unladen weight (min-max)	7,080-7,480	7,080-7,480	7,080-7,480

Technical Data	6.4 SERIES AGROTRON TTV		
	6155.4 TTV	6165.4 TTV	6175.4 TTV
DIMENSIONS AND WEIGHTS			
Front axle	CA 20.29	CA 20.29	CA 20.29
Front axle width (flange to flange)	1,840	1,840	1,840
Front axle width with brakes (flange to flange)	1,890	1,890	1,890
Front axle width with external dry disk brakes (flange to flange)	-	-	-
Rear axle width (flange to flange)	1,876	1,876	1,876
Rear axle width with bar axle (flange to flange) (min-max)	1,944-2,312	1,944-2,312	1,944-2,312
With front tyres (min)	420/85R28	420/85R28	420/85R28
With rear tyres (min)	520/85R238	520/85R238	520/85R238
With front tyres (max)	600/60R28	600/60R28	600/60R28
With rear tyres (max)	710/60R38	710/60R38	710/60R38
Wheelbase (A)	2,543	2,543	2,543
Length (min-max) (B)	4,193-5,255	4,193-5,255	4,193-5,255
Height (min-max) (C)	2,920-3,032	2,920-3,032	2,920-3,032
Width (min-max) (D)	2,416-2,720	2,416-2,720	2,416-2,720
Ground clearance (min-max) (E)	390-490	390-490	390-490
Total unladen weight (min-max)	7,540-7,940	7,540-7,940	7,540-7,940

Technical Data	6 SERIES AGROTRON POWERSHIFT/RCSHIFT					
	6155	6165	6175	6185	6205	6215
DIMENSIONS AND WEIGHTS						
Front axle	CA 20.29	CA 20.29	CA 20.29	Dana M50	Dana M50/M60L	Dana M60L
Front axle width (flange to flange)	1,840	1,840	1,840	1,780	1,780 / 1,940	1,940
Front axle width with brakes (flange to flange)	1,890	1,890	1,890	1,780	-	-
Front axle width with external dry disk brakes (flange to flange)	-	-	-	-	- / 2,046	2,046
Rear axle width (flange to flange)	1,720	1,720	1,890	1,890	1,890	1,890
Rear axle width with bar axle (flange to flange) (min-max)	-	-	-	-	-	-
With front tyres (min)	230/95R32	230/95R32	270/95R36	270/95R36	270/95R36	270/95R36
With rear tyres (min)	270/95R44	270/95R44	380/90R46	380/90R46	380/90R46	380/90R46
With front tyres (max)	600/60R28	600/60R28	600/60R30	600/60R30	600/60R30	600/60R30
With rear tyres (max)	710/60R38	710/60R38	710/60R42	710/60R42	710/60R42	710/60R42
Wheelbase (A)	2,767	2,767	2,767	2,767	2,848	2,848
Length (min-max) (B)	4,347-5,712	4,347-5,712	4,397-5,712	4,397-5,712	4,478-5,793	4,478-5,793
Height (min-max) (C)	2,932-3,032	2,932-3,032	3,032-3,082	3,032-3,082	3,032-3,082	3,032-3,082
Width (min-max) (D)	2,456-2,720	2,456-2,720	2,486-2,720	2,486-2,720	2,486-2,720	2,486-2,541
Ground clearance (min-max) (E)	365-465	365-465	465-515	465-515	465-515	465-515
Total unladen weight (min-max)	7,200-7,600	7,200-7,600	7,200-7,600	7,200-7,600	7,930-8,330	7,930-8,330

Technical Data	6 SERIES AGROTRON TTV					
	6155 TTV	6165 TTV	6175 TTV	6185 TTV	6205 TTV	6215 TTV
DIMENSIONS AND WEIGHTS						
Front axle	CA 20.29	CA 20.29	CA 20.29	Dana M50	Dana M60L	Dana M60L
Front axle width (flange to flange)	1,840	1,840	1,840	1,780	1,940	1,940
Front axle width with brakes (flange to flange)	1,890	1,890	1,890	1,780	-	-
Front axle width with external dry disk brakes (flange to flange)	-	-	-	-	2,046	2,046
Rear axle width (flange to flange)	1,876	1,876	1,876	1,876	1,890	1,890
Rear axle width with bar axle (flange to flange) (min-max)	1,944-2,312	1,944-2,312	1,944-2,312	1,944-2,312	-	-
With front tyres (min)	420/85R28	420/85R28	540/65R28	540/65R28	270/95R36	270/95R36
With rear tyres (min)	520/85R38	520/85R38	650/65R38	650/65R38	380/90R46	380/90R46
With front tyres (max)	600/60R28	600/60R28	600/60R30	600/60R30	600/60R30	600/60R30
With rear tyres (max)	710/60R38	710/60R38	710/60R42	710/60R42	710/60R42	710/60R42
Wheelbase (A)	2,767	2,767	2,767	2,767	2,848	2,848
Length (min-max) (B)	4,142-5,712	4,142-5,712	4,317-5,712	4,317-5,712	4,508-5,912	4,508-5,912
Height (min-max) (C)	2,932-3,032	2,932-3,032	3,032-3,082	3,032-3,082	3,110-3,160	3,110-3,160
Width (min-max) (D)	2,416-2,720	2,416-2,720	2,472-2,720	2,472-2,720	2,486-2,720	2,486-2,720
Ground clearance (min-max) (E)	365-465	365-465	465-515	465-515	520-570	520-570
Total unladen weight (min-max)	7,830-8,230	7,830-8,230	7,980-8,380	8,200-8,600	8,400-8,800	8,400-8,800



*Min length: from front hood to the rear lift arm in upper position / Max length: from 1,000 kg front ballast with front-lift to the rear lift arm in lower position

**Min-Max: according to tyres and equipment

Technical data and pictures are indicative. Committed to delivering a product more and more in line with your needs, DEUTZ-FAHR reserves the right to update the specifications of its machines at any time without notice.

Max speed of 50 Km/h where permitted. Max 40/50 kph at low rpm according to tyres size.

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