

#NEXT GENERATION

QTTV SERIES

6160.4 // 6170.4 // 6160 // 6170 // 6180

TTV

STAGE V



**DEUTZ
FAHR**

| TECHNICAL DATA | | TTV | | | | |
|---|-----------|--|---------|---------------|---------|---------|
| | | 6160.4 | 6170.4 | 6160 | 6170 | 6180 |
| ENGINE | | | | | | |
| Model | | Deutz TCD 4.1 | | Deutz TCD 6.1 | | |
| Emission level | | | | Stage V | | |
| Cylinders/Displacement | n°/cc | 4/4038 | | 6/6057 | | |
| Turbocharger with charge air cooling | | | | ● | | |
| e-Visco cooling fan | | | | ● | | |
| Injection @ pressure | Type/ bar | Common Rail @ 1600 | | | | |
| Max. power (ECE R120) | kW/HP | 118/161 | 126/171 | 119/161 | 126/171 | 133/181 |
| Max. power with Boost (ECE R120) | kW/HP | 126/171 | - | 126/171 | - | 141/192 |
| Power at rated speed (ECE R120) | kW/HP | 114/155 | 120/163 | 114/155 | 120/163 | 128/174 |
| Speed at maximum power | rpm | 1900 | | | | |
| Max. torque | Nm | 675 | 699 | 698 | 727 | 772 |
| Max. torque with Boost | Nm | 685 | - | 709 | - | 796 |
| Speed at maximum torque | rpm | 1500 | | | | |
| Air filter with dust ejector | | ● | | | | |
| Fuel tank capacity | l | 300 | | 350 | | |
| AdBlue capacity | l | 21 | | 29 | | |
| Oil charge interval | Hours | 1000 (or 2 years) | | | | |
| TRANSMISSION | | | | | | |
| Model | | TTV - Stepless transmission | | | | |
| Transmission ratio | | 1.3228 | | | | 1.3332 |
| PowerShuttle with 5 different settings | | ● | | | | |
| Cruise Control | qty. | 2 + 2 | | | | |
| Driving strategies | | Auto/Advanced-Auto/PTO/Manual | | | | |
| Active standstill (PowerZero) | | ● | | | | |
| Top speed 40 km/h UltraECO | rpm | 1359 | | | | 1290 |
| Top speed 50 km/h SuperECO | rpm | 1698 | | | | 1613 |
| HYDRAULICS AND LINKAGE | | | | | | |
| Pump flow (STD) | l/min | 120 (Load Sensing pump) | | | | |
| Pump flow (OPT) | l/min | 160 (Load Sensing pump) | | | | |
| Hydraulic oil takout | l | Up to 55 l | | Up to 60 l | | |
| Spool valves controls | Type | Mixed or Electronic | | | | |
| Hydraulic auxiliary control valves (Mixed) | n° | 2 mechanical and 2 electronic SCVs | | | | |
| Hydraulic auxiliary control valves (Electronic) | n° | 3, 4 or 5 hydraulic valves | | | | |
| Power Beyond | | Optional with standard or flat face couplers | | | | |
| Automatic lower link stabilizers (mechanical) | | ● | | | | |
| Rear linkage lifting capacity (STD) | Kg | 6200 | | | | |
| Rear linkage lifting capacity (OPT) | Kg | 9700 | | | | |
| Rear linkage lift category | Cat. | 2 set points for category 3N or 3 | | | | |
| External operation on rear fenders | | ● | | | | |
| Front linkage efficient lifting capacity (OPT) | Kg | 3800 | | | | |
| Front linkage lifting capacity (OPT) | Kg | 4110 | | | | |
| Hydraulic upper links | | ○ | | | | |
| PTO | | | | | | |
| Rear PTO speeds (STD) | | 540/540ECO/1000/1000ECO | | | | |
| Front PTO 1000 | | ○ | | | | |
| Front PTO 1000ECO | | ○ | | | | |
| Front PTO 1000/1000 ECO DualSpeed | | - | | | ○ | |
| Auto PTO | | ● | | | | |
| AXLES AND BRAKES | | | | | | |
| Front axle model | | M 40 HD | | | | |
| Suspended front axle | | ○ | | | | |
| 100% differential lock with ASM system | | ○ | | | | |
| Brakes on all 4 wheels | | ○ | | | | |
| Performance steering ready with EasySteer function | | ○ | | | | |
| Brake booster (PowerBrake) | | ● | | | | |
| Electronic Parking Brake (EPB) | | ● | | | | |
| Pneumatic trailer brake | | ○ | | | | |
| Hydraulic trailer brake | | ○ | | | | |
| EngineBrake ^{plus} | | ○ | | | | |
| ELECTRICAL SYSTEM | | | | | | |
| Voltage | V | 12 | | | | |
| Standard battery | V/Ah | 12/180 | | | | |
| Alternator | V/A | 14/200 | | | | |
| Starter motor | V/kW | 12/3.1 | | | | |
| External socket | | ● | | | | |
| Interface for attachments 11786 (7-pole) | | ○ | | | | |
| MAXIVISION CAB | | | | | | |
| Cab | | MaxiVision* / MaxiVison ^{pro} | | | | |
| Mechanical cab suspension | | ● | | | | |
| Pneumatic cab suspension | | ○ | | | | |
| XLarge Vision telescopic rear mirrors with courtesy LED | | ● | | | | |
| XLarge Vision telescopic rear mirrors with courtesy LED, heating and electronic adjustment | | ○ | | | | |
| Air conditioning | | ● | | | | |
| Automatic A/C system | | ○ | | | | |
| High visibility roof | | ○ | | | | |
| High visibility roof FOPS | | ○ | | | | |
| MaxCom joystick | | ● | | | | |
| Multifunction satellite armrest with additional joystick for electro-hydraulic spool valves | | ● (base for MaxiVision* equipment) | | | | |

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| | 6160.4 | 6170.4 | 6160 | 6170 | 6180 |
| Full multifunction satellite armrest with additional operation elements for electro-hydraulic spool valves | | | ● (base for MaxiVision ^{Pro} equipment) | | |
| iMonitor with 8" | | | ○ | | |
| iMonitor with 12" | | | ○ (option for MaxiVision ^{Pro} equipment) | | |
| AUTO-TURN | | | ○ | | |
| XTEND | | | ○ | | |
| ISOBUS (with rear, front and in-cab connectors) | | | ○ | | |
| TIM (Tractor Implement Management) | | | ○ | | |
| VRC (Variable Rate Control) | | | ○ | | |
| SC (Section Control) 255 sections | | | ○ | | |
| SR20 RTK receiver | | | ○ | | |
| CTM connectivity module | | | ○ | | |
| Attachment brackets for tablet and smartphone | | | ○ | | |
| ComforTip Professional (only with iMonitor) | | | ○ | | |
| Seat Max-Comfort, air suspension, adjustable seat position, pneumatic lumbar support etc. | | | ● | | |
| Further seat options | | | ○ | | |
| Seat Max-Dynamic Evo DDS XXL, synthetic leather, air suspension with dynamic damping, adjustable seat position, pneumatic lumbar support, active climate etc. | | | ○ | | |
| Passenger seat | | | ● | | |
| Pre-arrangement for radio with antenna and loud speakers | | | ● | | |
| High-level DAB+ Radio with Bluetooth | | | ○ | | |
| 4.1 premium sound system with High-level DAB+ Radio with Bluetooth | | | ○ | | |
| Removable cooling box | | | ○ | | |
| 8x Halogen work lights on cab roof | | | ● | | |
| Up to 23x LED work lights | | | ○ | | |
| Up to 2x Beacon lights LED | | | ○ | | |
| Driving lights | | | ○ (LED) | | |
| FRONT LOADER | | | | | |
| Pre-arrangement Light Kit plus | | | ○ | | |
| Pre-arrangement Intermediate Kit | | | ○ | | |
| Pre-arrangement Ready Kit | | | ○ | | |
| Front loader model | | FZ 43-27 | | FZ 46-26 FZ 46-33 | |
| Overloading height | mm | 4110 | | 4340 | |
| Breakout force 800 mm before the pivot point | daN | 3540 | | 3840 4560 | |



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|----------------------------------|--------|-----------|--------------|-----------|------------|
| | 6160.4 | 6170.4 | 6160 | 6170 | 6180 |
| DIMENSIONS AND WEIGHTS | | | | | |
| Front tyres (min. in price list) | | | 520/60 R28 | | 420/85 R28 |
| Rear tyres (min. in price list) | | | 650/60 R38 | | 520/85 R38 |
| Front tyres (max. in price list) | | | 600/60 R28 | | 600/60 R30 |
| Rear tyres (max. in price list) | | | 710/60 R38 | | 710/60 R42 |
| Wheelbase (A) | mm | 2542 | | 2769 | |
| Length (min.-max.) (B) | mm | 4294-5221 | | 4521-5448 | |
| Height (min.-max.) (C) | mm | 3108-3158 | | 3158-3208 | |
| Width (min.-max.) (D) | mm | | 2400-2720 | | |
| Maximum permissible weight | Kg | | 11500/12500* | | 13500 |

● = standard ○ = option – = not available

Ask your dealer for detailed engine approval power ratings.

*12,5 t on models with 50 kph only in combination with suspended and braked front axle.

Technical data and figures are only provided for guidance. DEUTZ-FAHR is committed to continuously adapting its products to your requirements and therefore reserves the right to make updates without prior notice.

HIGHLIGHTS

THE NEW MODELS OF SERIES 6 TTV

Five new models with stepless TTV transmissions and powerful 4 and 6 cylinder engines between 161 HP and 192 HP max. power enriching the 6 TTV Series line-up. They all combine exceptional technical innovations that make the daily work of farmers, contractors and municipal enterprises more efficient and convenient.

DEUTZ-FAHR TRACTORS: RELIABILITY, POWER AND EFFICIENCY

The proven DEUTZ TCD 6.1 and 4.1 engines guarantee increased performance and torque. With their remarkably low fuel consumption and the introduction of brand-new fuel tanks boasting a generous 350 litre capacity for the 6-cylinder models and 300 litre capacity for the 4-cylinder models, even the longest days in the field are possible without the need of refueling. The continuously variable TTV transmission sets standards in terms of comfort. It allows 50 kph for all models at low engine revolutions, which reduces noise and increases efficiency. Additionally, the gross vehicle weight of up to 13.5 tons permits up to 1 ton more payload capacity versus models of the previous generation and thus leads to fewer transport cycles.

EXPERIENCE ULTIMATE CONFIGURABILITY WITH MAXIVISION+ AND MAXIVISION^{Pro}

DEUTZ-FAHR is offering the MaxiVision cab in different variants to give customers exactly the level of comfort and equipment they are willing to invest in. MaxiVision+ contains the newly developed mixed configuration with two mechanical and two electro-hydraulic rear spool valves. It offers a perfect balance of comfort and simplicity. With the MaxiVision^{Pro} equipment the operator get advantage of up to five fully electric control valves and the optional 12" iMonitor on the ergonomic MaxCom armrest. All MaxiVision cabs are equipped with the new PowerShuttle smart lever, 65% larger XLargeVision rear mirrors and can be equipped with convenient features like an openable front window, multiple holders for mobile devices, a removable cooling box as well as the new 4.1 premium sound system including subwoofer.

HYDRAULIC SYSTEM, PTO AND LIFT: ROBUST AND STRONG

With the new CleanOil hydraulic tanks, with up to 60 l removable oil capacity, unwanted contamination of the transmission oil is prevented and the service life of the components is greatly extended. The rear PTO comes with all operating speeds as standard: 540/540ECO all the way to 1000/1000ECO. As an option, a 1000 or 1000ECO PTO can be installed at the front and for the 6-cylinder models, the DualSpeed front PTO is also available. The powerful rear linkage can lift up to 9700 Kg and the front lift comes in two versions with maximum capacity of up to 4110 Kg lifting capacity and is available now also with load relief control.

SDF SMART FARMING SOLUTIONS: INTELLIGENT FUNCTIONS FOR EVERYONE


The most advanced and sophisticated autoguidance and telemetry systems avoid wasteful overlapping, saving fuel, reducing component wear and minimizing operator time usage. The AUTO-TURN function stands out, which enables the tractor to turn at headlands automatically. The iMonitor allows the driver to manage all the functions of the machine. Its new H5 software is more intuitive, has new convenient functions and, in combination with ISOBUS, offers automatic section control with up to 255 automatically controlled sections. Via XTEND, the iMonitor allows the screen to be transferred wirelessly to external tablets. That provides the operator to have a better overview as well as enables adjustments at implements from outside the cab while using ISOBUS UT on the tablet.

THE NEW MODELS OF SERIES 6 TTV - TAILORED FOR YOUR OPERATION

A new suspension sensor on the front axle in combination with the pneumatic cab suspension ensures refined ride comfort. Depending on towing requirements, the new Series 6 TTV can be equipped with hydraulic and/or pneumatic trailer brakes. Thanks to the Dual Mode function it is possible to connect old and new models of hydraulically braked trailers. An exhaust engine brake is also available for 6 cylinder models, providing additional braking power without wear. All models of the range can be equipped with the next generation ProfiLine front loaders - perfectly tailored for these agile and manoeuvrable tractors. For the first time, also the 4-cylinder models are available in the exclusive black Warrior Version which contains exclusive equipment's like up to 23x LED lights. With unprecedented reliability, made in DEUTZ-FAHR LAND in GERMANY, and utmost comfort and efficiency, DEUTZ-FAHR sets a new standard for productivity, empowering agricultural professionals to achieve more in less time.



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