

5DF ECOLINE 5DF/5DV SERIES



SPECIALIST TRACTORS
UP TO 75 HP



SOME OPTIONS AND/OR SPECIFICATIONS SHOWN MAY NOT BE AVAILABLE IN ALL MARKETS



THE NEW 5DF, 5DV AND
5DF ECOLINE SERIES. THE GREATEST
MODEL CHOICE FOR MAXIMUM
PRODUCTIVITY.



STAGE 4 (TIER 4 FINAL)	4 CYL. / 75 HP
5D V Series	5080.4
5D F Series	5080.4
5D F ECOLINE Series	5080.4

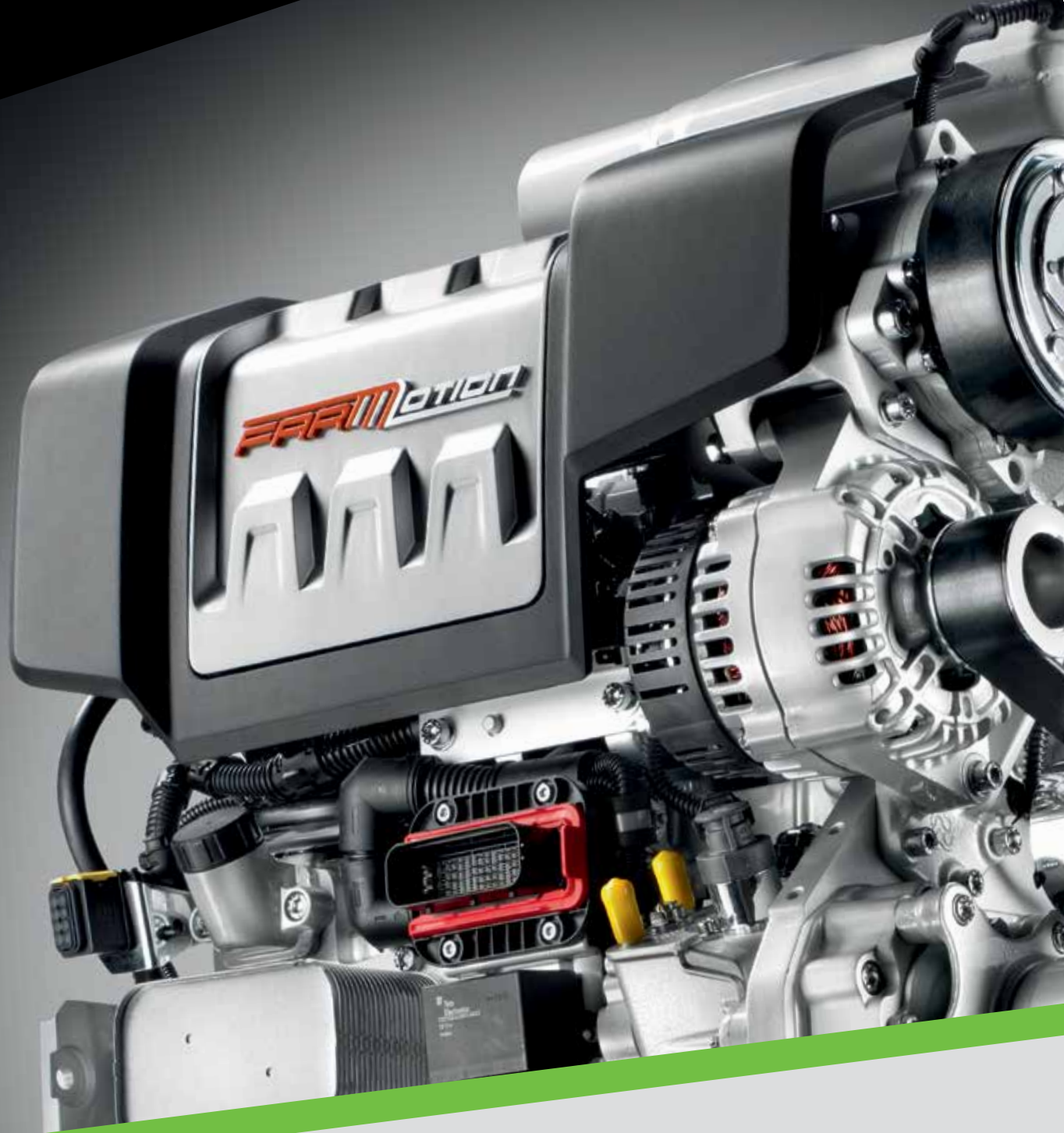
From vineyard and orchard work to nursery, landscaping and municipal applications, maximum productivity and flexibility are basic requirements of a financially successful business. With the 5DV, 5DF and 5DF ECOLINE series, DEUTZ-FAHR has released a new generation of highly innovative specialist tractors that meet the most exacting demands in terms of productivity and equipment flexibility. The front has been completely redesigned. The engines, cooling systems and fuel tanks are very compact under the revamped hood. Thanks in part to the new geometry of the front support, which ensures an axle steering angle of up to 60 degrees. In combination with a long wheelbase for stability, this makes the new specialist

tractors from DEUTZ-FAHR the most agile on the market – and they are also the most innovative with a variety of technical highlights, such as available independent suspension on the front axle, highly efficient FARMotion engines, 25 mph power shift transmission and diverse hydraulic options. With a single model in each configuration offering an output of 75 hp, and equipment options ranging from high-tech to economical, DEUTZ-FAHR presents the widest choice of models in this class. Every farm is able to find the right specialist tractor for its specific applications and driver comfort needs.





APPLES, CHERRIES, PLUMS, ALMONDS,
PEARS – WHATEVER THE CROP,
REDUCING OPERATING COSTS IS THE
KEY TO ORCHARD BUSINESS GROWTH.
THE NEW DEUTZ-FAHR SPECIALIST
TRACTORS GUARANTEE THAT
YOUR WORK WILL ALSO BEAR FRUIT
FINANCIALLY.



FARMOTION ENGINES.
MAXIMUM EFFICIENCY
IN A COMPACT UNIT.



Engine efficiency is aided by the large, newly designed cooling package, improved air flow and the Powercore air filter.



Exclusive DOC system. Meet all emissions standards without SCR or DPF, in a compact solution.



The fuel tank built into the front axle block can be filled with the bonnet closed, while an additional tank is located below the chassis.

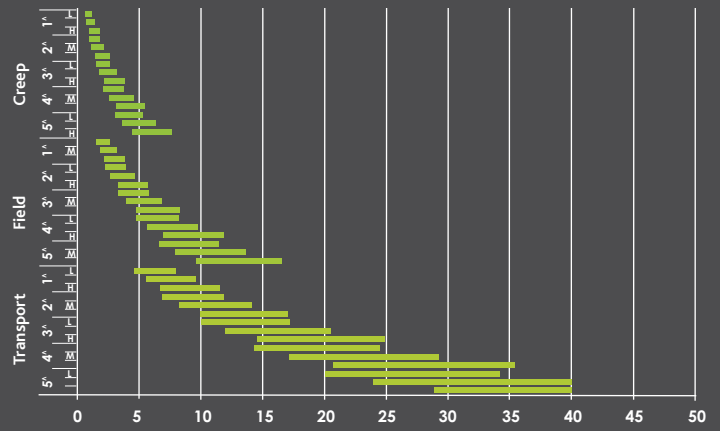
Hard at work under the newly designed bonnet are extremely compact 4-cylinder FARMotion Tier 4 engines (new for 2019). Specially developed for agricultural applications, these common rail engines feature electronic fuel injection with a pressure of 29,000 PSI, a new valve concept, enlarged cylinders, a new crankshaft design, an electronic exhaust gas recirculation (EGR) management system and a diesel oxidation catalyst (DOC) – all of which means they deliver maximum performance and constant torque even at low engine speeds. Fuel consumption, emissions, vibrations and noise have been minimized.

Other new features include a compact cooling system with an enlarged cooling surface, air-to-air intercooling, a fuel cooling system, an air-conditioning condenser, optimised air flow and a Powercore air filter with dust removal.

Both systems support engine efficiency and are designed for long maintenance intervals as well as fast, straight forward service work. The fuel tank is built into the front axle block and can be filled without opening the bonnet. It contains no less than 14.5 gallons. For extra fuel capacity, an additional tank can be included below the driver's platform, holding 10.6 gallons (5D F models) or 7.9 gallons (5D V models).



**MAXIMUM GEAR RANGE. HOWEVER
YOU CHANGE GEARS, 25 MPH ECO
IS ALWAYS POSSIBLE.**



* speed limits to 25 mph (40 kph)



Power shift. Change gears at the push of a button without depressing the clutch.



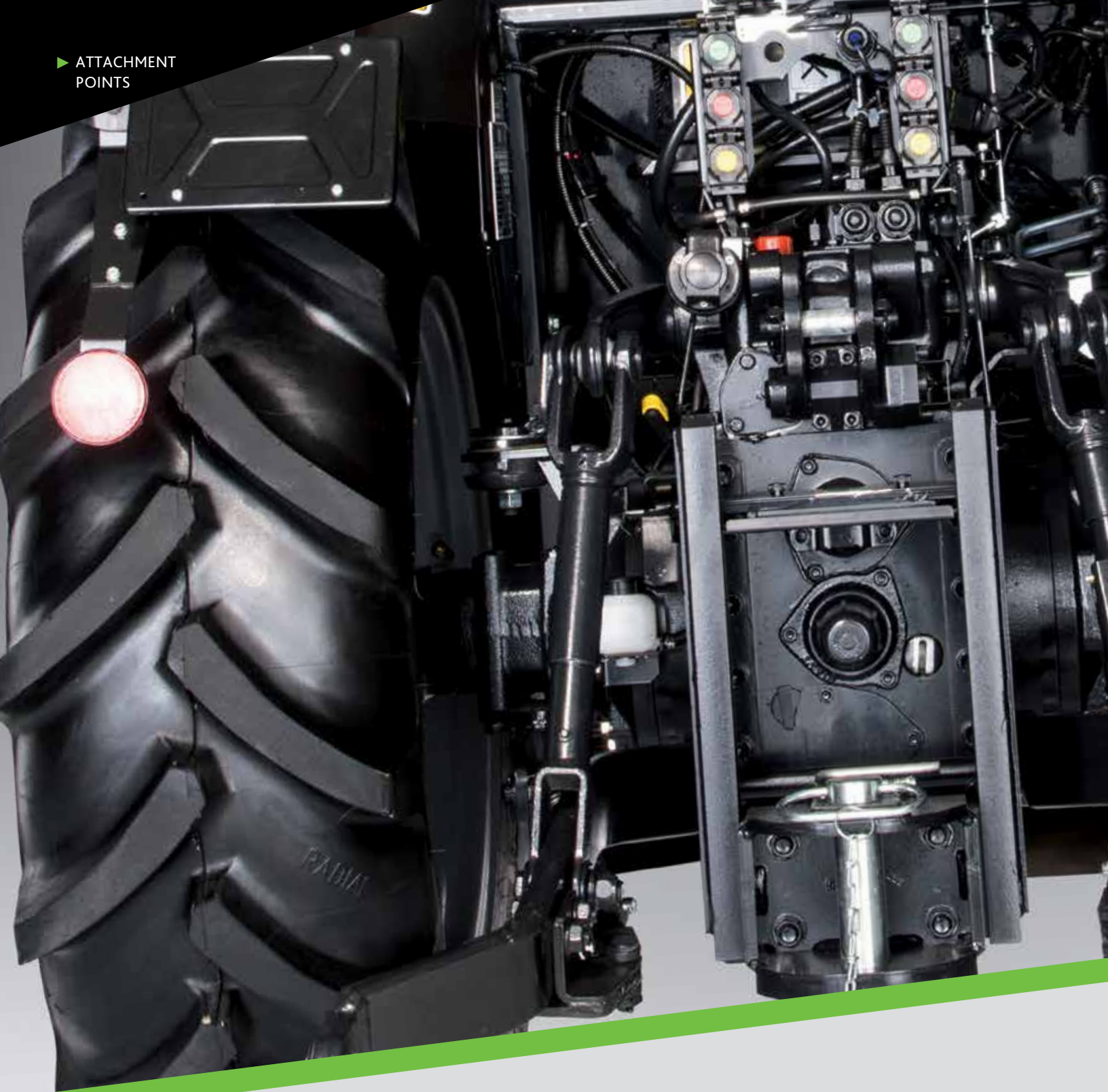
Power shuttle. Change the direction of travel with a single touch.



Stop&Go. Start and stop the vehicle in comfort without using the clutch pedal.

The transmission systems of the new DEUTZ-FAHR specialist tractors have also been specially developed to meet the high demands of modern agricultural businesses. Efficiency, versatility and equipment flexibility were the most important criteria here. The three-stage PowerShift transmission with five gears is unique in this tractor class. It provides up to 45 forward and 45 reverse gears. For greater driver comfort, gear changes can be carried out at the push of the ComfortClutch button on the gear shift lever without any need to depress the clutch. The Stop&Go system (power shuttle only) allows a convenient starting and stopping without using the clutch pedal. Choose the transmission system that provides a perfect fit for your work profile and comfort needs. For the 5DV and 5DF models, a mechanical five-speed transmission is available with up to 45 forward and 45 reverse gears. The 5DF Ecoline models are fitted with this system as standard. A speed of 25 mph ECO can be achieved with all models using any tires. The 'overspeed' concept vastly reduces fuel consumption and noise levels during transport operations. Maximum efficiency and optimal driver comfort are the result.

▶ ATTACHMENT
POINTS



**TRIPLE INDIVIDUALITY:
ATTACHMENT AREAS AT THE FRONT,
IN THE MIDDLE AND AT THE REAR.**



From vineyards to orchards, from tilling the land to tending and harvesting crops, and from municipal winter service to road and site maintenance – versatility and adaptability is a strength of the new DEUTZ-FAHR specialist tractors. With up to 6,160 lb lift capacity at the rear and 3,300 lb at the front, all possible combinations of equipment can be easily moved. The rear power lift can be electronically controlled if desired. For all 5DV and 5DF models, two separate hydraulic circuits provide a full flow rate for operating equipment, power lifts and tractor functions. The standard pump capacity is 14.2 gpm and three spool valves at the rear. An optional 16.9 gpm tandem pump is available for the parallel operation of a rear power lift and up to six remote valves at the front and rear. The 5DF Ecoline models are fitted with a 14.5 gpm pump and three control valves at the rear. In order to ensure that the hydraulics fully match your operating profile, DEUTZ-FAHR offers five defined



Front attachment points. Equipped for every application.



Up to 3 hydraulic remote valves at the rear and 2 sets of couplers near the front.



Controls for the rear power lift and hydraulic working equipment: close together and easy to access.

hydraulic packages that range from basic to high-tech. External operation of the rear lift from the wing makes attaching work equipment a safe and straightforward procedure. The choice of PTO functions is also highly varied. Three PTO speeds are standard as a matter of course at DEUTZ-FAHR: 540, 540E and 1000. The PTO is activated using a button and electro-hydraulic controls. This guarantees a smooth start without jerks. A ground-speed PTO is available as an option.



**DEUTZ-FAHR COMFORT CAB.
FOR THE BEST POSSIBLE
PERSPECTIVES AT WORK.**



Cab comfort has not been a mere luxury for specialist tractors for some time. A more pleasant working environment means less severe environmental factors such as cold, heat, dust, crop protection agents and noise – and longer periods of concentration and performance for the driver. The four-post cab of the new specialist tractors meets the highest DEUTZ-FAHR standards. Maximum visibility in every direction, covering all areas relevant to work and safety, is ensured by the one-piece windscreen and all-round glazing. Outside, the cab is compact and slim. There are no sharp edges that could damage crops. Inside, a cutting-edge design and high-quality, light materials create a positive atmosphere. The interior is calm and peaceful. With numerous noise-absorbing elements and other technical details, the engineers at



Seven ventilation nozzles ensure a pleasant working environment – even during long working days.



The air conditioning and working headlight controls are easy to reach in the roof.



Mechanical or pneumatic suspension seat option availability.

DEUTZ-FAHR have succeeded in minimizing noise inside the cab. The air conditioning system is powerful, and the air distribution absolutely even. Seven adjustable ventilation nozzles keep the driver's preferred temperature constant in all parts of the cab at all times. There are new seat options for the driver, including a choice of various versions with different suspension concepts, materials and settings.



MAXIMUM COMFORT.
A PLEASANT SEAT FOR EVERYONE.
AND EVERY MOVEMENT.



InfoCenter. All tractor functions clearly in view.



Hydraulics and rear power lift controls. Neatly arranged to the right of the seat.



Mechanical rear lift levers, functional and ergonomic.

Tall drivers, short drivers, slim drivers, well-built drivers, long arms and legs, short arms and legs – especially when it comes to extremely compact specialist tractors, designing the interior is a major challenge. The development team at DEUTZ-FAHR have overcome these difficulties with flair. Every driver can find the perfect working position in the new specialist tractors. The highest level of comfort begins with a wide door opening angle that makes getting in and out easy. A wide range of settings ensures the optimum seat position for the driver. All of the controls are within easy reach, arranged according to how often they are used and clearly color coded. Orange is used for everything related to driving the tractor, from changing gear to the Stop&Go function and electronic parking brake. All of the hydraulics controls are blue. The power lift controls are green, while

yellow is used for PTO functions. Black indicates lights and air conditioning controls. The InfoCentre on the dashboard constantly provides the driver with clear information about the tractor's operating conditions using analogue and digital displays. It only takes a few minutes to get to grips with operating the new DEUTZ-FAHR specialist tractors before tackling the job in hand. Intuitive, extremely comfortable and productive.

BUSINESS IS BLOOMING WITH PLANTS FOR POTS, BORDERS AND BALCONIES. FOR GARDENERS WHO GROW ORNAMENTAL PLANTS, EVERY SQUARE INCH COUNTS WHEN IT COMES TO PRODUCTION. THE CHALLENGE IS TO ENSURE GOOD WORKING PROCESSES AND TRANSPORT LOGISTICS IN SMALL SPACES. THE NEW RANGE OF EXTREMELY AGILE SPECIALIST TRACTORS FROM DEUTZ-FAHR HELPS EMPLOYEES TO FLOURISH, TOO.





TECHNICAL DATA		5D Series		
		5080.4 DV	5080.4 DF	5080.4 DF ECOLINE
ENGINE				
Manufacturer		SDF	SDF	SDF
Model		FARMotion	FARMotion	FARMotion
Emissions		Tier 4	Tier 4	Tier 4
Cylinders / displacement	No. / liters	4 / 3.8	4 / 3.8	4 / 3.8
Turbocharged & intercooled		●	●	●
Maximum power (ECE R120) @ 2000 rpm	HP / kW	75 / 55.4	75 / 55.4	75/55.4
Rated power (ECE R 120) @ 2200 rpm	HP / kW	75 / 55.4	75 / 55.4	75 / 55.4
Maximum torque	lb-ft / Nm	260 / 353 @ 1400 rpm	260 / 353 @ 1400 rpm	260 / 353 @ 1400 rpm
Torque rise	%	46	46	46
Electronic engine management		●	●	●
Standard fuel tank capacity	gal / liters	14.5 / 55	14.5 / 55	14.5 / 55
Standard fuel tank capacity with front lift + PTO	gal / liters	9.2 / 35	9.2 / 35	-
Auxiliary fuel tank	gal / liters	7.9 / 30	10.5 / 40	-
SHUTTLE				
Mechanical synchronized shuttle		-	-	●
Hydraulic power shuttle with Stop&Go system		●	●	-
MECHANICAL TRANSMISSION				
5 speed gearbox		●	●	●
Number of speeds with underdrive and creeper gear	FW+RV	-	-	30 + 15
POWERSHIFT TRANSMISSION				
5 speed gearbox		●	●	●
Number of speeds with underdrive and creeper gear	FW+RV	45 + 45	45 + 45	-
Power shift speeds	No.	3 (hi/med/lo)	3 (hi/med/lo)	-
REAR PTO				
Mechanically engaged		-	-	●
Electro-hydraulically engaged		●	●	-
PTO 540/540E		●	●	●
PTO 540/540E/1000		○	○	○
PTO 540/540E and groundspeed PTO		○	○	○
FRONT PTO				
Electro-hydraulically engaged		●	●	-
PTO 1000 rpm		○	○	-
AXLES AND BRAKES				
Four wheel drive engagement		Electro-hydraulic	Electro-hydraulic	Mechanical
Differential lock engagement		Electro-hydraulic	Electro-hydraulic	Mechanical
Independent parking brake		●	●	●
Hydraulic trailer braking system		●	●	●
Hydrostatic steering with independent pump		●	●	●
Axle steering angle	degrees	60	60	60
HITCH				
Mechanical rear hitch		●	●	●
Electronic rear hitch		○	○	-
Rear lift capacity	lb / kg	5,730 / 2600	6,170 / 2800	6,170 / 2800
Front hitch		○	○	-
Front hitch capacity	lb / kg	3,300 / 1500	3,300 / 1500	-
HYDRAULIC SYSTEM				
Fixed displacement pump (standard)	gpm / lpm	14.3 / 54	14.3 / 54	11.9 / 45
Fixed displacement double pump (optional)	gpm / lpm	16.9 / 64	16.9 / 64	-
Rear hydraulic remote valves	No.	3	3	2 standard; up to 3
Mid mounted hydraulic remote couplers	No.	Up to 2	Up to 2	-
OPEN STATION				
Straddle-type platform		●	●	●
Digital front display		●	●	●
2-post safety frame		●	●	●
Vinyl seat with mechanical suspension		●	●	●
Horizontal exhaust		●	●	●

Technical data is based on manufacturer's estimates. In order to deliver a product that is 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.

TECHNICAL DATA		5D Series		
		5080.4 DV	5080.4 DF	5080.4 DF ECOLINE
CAB				
4-post structure suspended on silent-block mounts		●	●	-
HVAC system		●	●	-
Horizontal exhaust		●	●	-
DIMENSIONS AND WEIGHTS				
Front axle width (flange to flange)	in / mm	39.8 / 1011	51 / 1296	51 / 1296
Rear axle width (flange to flange)	in / mm	33.6 / 854	48.1 / 1221	48.1 / 1221
Overall rear fender width (min-max)	in / mm	45.8-50.9 / 1163-1293	57.2-64.4 / 1454-1642	57.1-76.5 / 1450-1944
Front tires		240/70R16	280/70R16	280/70R16
Rear tires		380/70R20	380/70R24	380/70R24
Length from front clevis support to the rear lift arm in lower position	in / mm	155.9 / 3959	155.2 / 3942	155.2 / 3942
Minimum overall width	in / mm	50.9 / 1293	62.5 / 1588	57.1 / 1450
Height at cab	in / mm	89.4 / 2271	91.4 / 2321	-
Height at safety frame	in / mm	-	-	96.2 / 2444
Height at engine hood	in / mm	58 / 1473	54.8 / 1393	54.8 / 1393
Height at rear fenders	in / mm	49.8 / 1265	46.1 / 1170	46.1 / 1170
Ground clearance (front axle)	in / mm	9.2 / 233	9.7 / 247	9.7 / 247
Wheelbase	in / mm	85.8 / 2180	84.3 / 2141	84.3 / 2141
Approx. base weight (min-max)	lb / kg	6,237-6,768 / 2829-3070	6,056-6,889 / 2747-3125	6,106 / 2770
Maximum permissible total weight	lb / kg	10,141 / 4600	11,023 / 5000	11,023 / 5000

● standard ○ optional - : not available Dimensions are approximate, and can vary slightly.



Dealer

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