

SERIES 5K



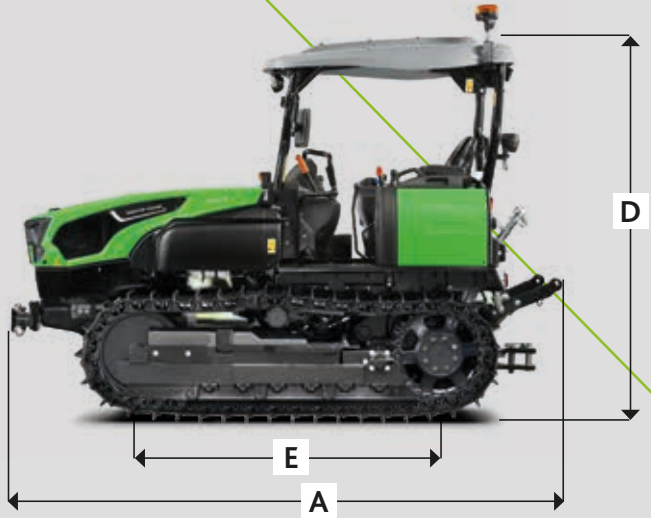
5115 K

STAGE V



**DEUTZ
FAHR**

TECHNICAL DATA		SERIES 5K	
		5115 K	
ENGINE			
Model			FARMotion 45
Emission level			Stage V
Cylinders/Displacement	n°/cc		4/3849
Turbocharger with charge air cooling			●
Visco cooling fan			●
Injection @ pressure	Type/bar		Common Rail @ 2,000
Max. power (ECE R120)	kW/HP		85/116
Power at rated speed (ECE R120)	kW/HP		80.6/110
Speed at maximum power	rpm		2000
Max. engine speed (rated)	rpm		2200
Max. torque	Nm		472
Speed at maximum torque	rpm		1400
Air filter with dust ejector			●
Fuel tank capacity	l		130
AdBlue capacity	l		11
Oil change interval	Hours		600
TRANSMISSION			
Model			CT4150
SHUTTLE			
Synchronised mechanical reverse shuttle			●
4-SPEED MECHANICAL GEARBOX			
Number of speeds with supercreeper gear	No.		12+12
Min.-max. speeds with supercreeper gear	km/h		0.43-11.76
Number of speeds with OverDrive	No.		16+16
Min.-max. speeds with OverDrive	km/h		1.24-11.76
HYDRAULICS AND LINKAGE			
Pump flow (STD)	l/min		50+25
Spool valves control	Type		Mechanical
Hydraulic auxiliary control valves (STD)	n°		3
Hydraulic auxiliary control valves (OPT)	n°		5
Rear linkage lifting capacity	Kg		3170
Rear linkage lift category			II
Oil change interval	Hours		1200
PTO			
Rear PTO 540/540ECO			●
Rear PTO 540/1000			○
BRAKES AND STEERING			
Multi-plate wet lateral steering clutches			●
Wet band steering brakes			●
Pedal operated service brake			●
ELECTRICAL SYSTEM			
Voltage	V		12
Standard battery	V/Ah		12/77
Alternator	V/A		12/120
Starter motor	V/kW		12/3.5
External 12V socket			●
DRIVING POSITION			
Flat floor platform			●
Mounted on Silent-Block mounts			●
Fixed 4-post ROPS			●
Sunshade roof			○
Lateral transmission levers			●
Driver seat with mechanical suspension			●
Driver seat with pneumatic suspension			○
Prearrangement for after-market cab			○
2+2 Halogen working lights on roof			○
2+2 LED working lights on roof			○
CRAWLER TRACKS			
Dry track chains			●
Lubricated track chains			○
Pressed steel track guards			●
Cast track guards			○
Wet rollers and track tensioner wheels			●
Track carrier rollers	No.		6
Shoes per track/shoe width	No./mm		40/450
Track shoe width	mm		450



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DIMENSIONS AND WEIGHTS		
Max. length with link arms (A)	mm	3550
Width (B)	mm	1800
Track (C)	mm	1350
Max. height at ROPS (D)	mm	2390
Wheelbase (E)	mm	1850
Weight without ballast	Kg	5350
Weight with maximum permitted ballast	Kg	6425

● = standard ○ = option – = not available

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

5115 K is the ideal crawler tractor for open field and high-pulling applications. Its high footprint, together with the optimal unladen weight and six roller undercarriage makes the perfect mix for high pulling capacity in any working condition, even in the most hilly slope. The flat floor driving platform – without any central tunnel – dramatically increases the comfort for the driver, as well as the new layout of steering levers which reduces the activation effort by 20%. Several optional equipment are available from factory in order to configure the crawler tractor according to every farmer needs, from ballasts option up to sunshade or LED working lights. 5115 K: the real crawler power.

ENGINE

The 5115 K are powered by the reliable and appreciated FARMotion 45 engine. This powerplant, featuring the highest displacement in the category, delivers a maximum power of 116 HP and a maximum torque of 472 Nm. As per all other FARMotion engines, even the one installed on 5115 K are designed specifically for agriculture use, delivering always the optimal power and torque in any work condition. Stage V compliance is obtained with full package of EAT solutions (external cooled EGR circuit, a DOC catalytic converter and an SCR catalytic converter with integrated DPF) which does not impact on bonnet dimensions, keeping it shape sloping and tapered. The generous-sized fuel tank – with a capacity of 130 liters – allows long lasting working days, without the need to stop for refilling.

TRANSMISSION AND PTO

5115 K tractors feature a 4-gears transmission which is available in two variants. OverDrive variant is offered with 16+16 speeds, with a minimum speed of 1.24 km/h and a maximum one of 11.76 km/h. As option is available a variant with creeper, which feature 12+12 speeds and a minimum ground speed of 0.43 km/h with the engine at maximum revs. The ideally spaced ratios allow always to find the right speed for every condition, ensuring the best pulling capability and the highest productivity. PTO is offered with 540/540ECO speeds or – if the crawler is used with power-hungry implements – with 540/1000 speeds. Electrohydraulic engagement of PTO - with a pushbutton – is available as standard.

HYDRAULICS

The hydraulic system of the 5115 K features two pumps: one, with a flow of 50 l/min, is specific for rear lift and spool valves, while the second pump is completely used for the steering system (25 l/min). Up to 5 rear mechanically controlled spool valves are available, allowing the 5115 K to be coupled with any implement. The configuration with 5 rear mechanical spool valves features also the flow regulator and a pressureless free return, useful for working with implements which use hydraulic motors. The rear lift has a maximum capacity of 3170 Kg. Three-point linkage is available as standard with fixed ends, or optionally with automatic couplers.

CRAWLER

5115 K models feature a six-roller undercarriage offering extraordinary stability and traction. The long wheelbase and the wide footprint granted by a track of 40 shoes 450 mm wide allow to uniformly distribute the weight to the ground ensuring the best pulling capabilities and the best flotation in any conditions. Overall width of 1800 mm, together with the low centre-of-gravity ensures the high stability also in lateral slopes. Fully lubricated chains are available as option, reducing maintenance needs.

DRIVING POSITION


Driving station of 5115 K represents something unique in the crawler market. Flat floor platform is offered as standard ensuring highest levels of comfort for the driver. The new dashboard, with a new digital-analogic cluster always shows the right working parameter to the driver. An additional new feature is represented by the steering levers, which are now available with an innovative layout that reduces the steering effort up to 20%. The 4-post ROPS safety frame can be completed with a sun-roof and 4-working lights, which are available both as Halogen or LED. In addition to all of these features, a pneumatically suspended driver seat is available as option.

Marketing-Communication Service – Code 308.9011.3.4.0 – 07/23

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