

# SERIES 6C.



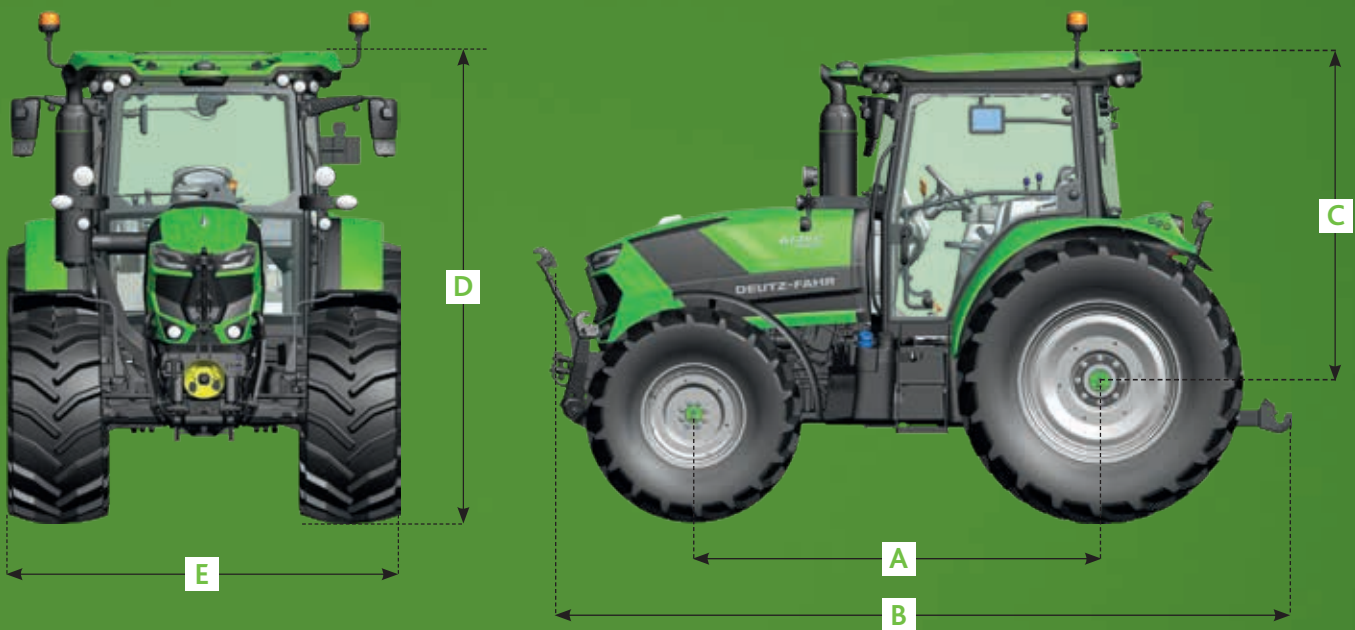
6115 C - 6125 C - 6135 C  
POWERSHIFT - RVSHIFT - TTV



TECHNICAL DATA	POWERSHIFT			RVSHIFT			TTV			
	6115 C	6125 C	6135 C	6115 C	6125 C	6135 C	6115 C	6125 C	6135 C	
<b>ENGINE</b>										
Type		Deutz TCD 3.6 L04			Deutz TCD 3.6 L04			Deutz TCD 3.6 L04		
Emissions		Stage V			Stage V			Stage V		
Cylinders / Displacement	n°/cc	4 / 3.620			4 / 3.620			4 / 3.620		
Bore / Stroke	mm	98 x 120			98 x 120			98 x 120		
Aspiration		Turbo Intercooler			Turbo Intercooler			Turbo Intercooler		
Injection @ pressure	Type	Common Rail @ 1.600			Common Rail @ 1.600			Common Rail @ 1.600		
Rated power	kW / Hp	83,6 / 114	90,3 / 123	99,8 / 136	83,6 / 114	90,3 / 123	99,8 / 136	83,6 / 114	90,3 / 123	99,8 / 136
Max. power	kW / Hp	88,4 / 120	95 / 129	99,8 / 136	88,4 / 120	95 / 129	99,8 / 136	88,4 / 120	95 / 129	99,8 / 136
Max. power with BOOST	kW / Hp	93 / 126	100 / 136	105 / 143	93 / 126	100 / 136	105 / 143	93 / 126	100 / 136	105 / 143
Max. torque / Max. torque with BOOST	Nm	440 / 463	475 / 500	523 / 550	440 / 463	475 / 500	523 / 550	440 / 463	475 / 500	523 / 550
Torque rise	%	21	21	21	21	21	21	21	21	21
VISCO cooling fan		●			●			●		
e-VISCO cooling fan		-	○		○			○		
Fuel tank / AdBlue	l	160 / 12			160 / 12			160 / 12		
EAT	System	DOC + DPF + SCR			DOC + DPF + SCR			DOC + DPF + SCR		
<b>TRANSMISSION</b>										
SDF transmission	Type	SDF T5350	SDF T5441		SDF T5441 RVS			SDF T5441 CVT		
PowerShuttle with 5 different settings		●			●			●		
<b>POWERSHIFT</b>										
Gearbox	n°	5 gears x 2 or 3 Powershift step			-			-		
N° of speed with 2 Powershift steps	n°	20 + 20	-		-			-		
N° of speed with 2 Powershift steps and Creeper		40 + 40	-		-			-		
N° of speed with 3 Powershift steps	n°	30 + 30			-			-		
N° of speed with 3 Powershift steps and Creeper		60 + 60			-			-		
Stop&Go		●			-			-		
Automatic Powershift (APS)		○	●		-			-		
Max. speed	Km/h	40 ECO			-			-		
<b>RVSHIFT</b>										
Gearbox		-			RVSHIFT			-		
N° of powershift steps (FW + RW)	n°	-			20 + 16			-		
Creeper		-			○			-		
Cruise control		-			●			-		
Stop&Go with advanced functionality		-			●			-		
Automatic powershift (APS)		-			●			-		
Max. speed	Km/h	-			40 ECO / 50 ECO			-		
<b>TTV</b>										
Gearbox		-			-			TTV – Stepless transmission		
2 cruise control		-			-			●		
Driving strategies		-			-			Auto / PTO / Manual		
PowerZero function		-			-			●		
Max. speed	Km/h	-			-			40 ECO / 50 ECO		
<b>PTO</b>										
Electrohydraulic engagement		●			●			●		
540/1000		●	-		-			-		
540/540ECO/1000/1000ECO		-			●			●		
540/540ECO/1000		-			●			●		
Rear AUTO PTO function		●			●			●		
Groundspeed PTO with independent shaft		○			○			○		
Front PTO 1000		○			○			○		
<b>LIFT</b>										
Electronic rear lift		●			●			●		
Rear lifting capacity (STD)	Kg	5410	5000		5000			5000		
Rear lifting capacity (OPT)	Kg	-	7000		7000			7000		
Rear lift category	Cat.	II	II / IIIN		II / IIIN			II / IIIN		
Front lift		○			○			○		
Front lift capacity	Kg	3000			3000			3000		
<b>HYDRAULIC</b>										
Pump flow (STD)	l/min	55	90		90			90		
Pump flow (OPT)	l/min	90	120 LS		120 LS			120 LS		
Rear spool valves	n°	3 / 4	3 / 4 / +1 diverter		3 / 4 / 5 / +1 diverter			3 / 4 / 5 / +1 diverter		
Power Beyond		-	○		○			○		
Front spool valve	n°	-	1		1			1		
Spool valves controls	Type	Mechanical			Mechanical + Electronic			Mechanical + Electronic		
<b>BRAKES</b>										
4 wheel braking		●			●			●		
Mechanical parking brake		●			-			-		
Hydraulic Parking Brake (HPB)		-			●			●		
Hydraulic trailer brake		○			○			○		
Pneumatic trailer brake		○			○			○		
ABS socket		○			○			○		
Hydraulic Engine Brake (HEB)		-	○		○			○		

● = standard ○ = option -- = not available

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	6115 C	6125 C	6135 C	6115 C	6125 C	6135 C	6115 C	6125 C	6135 C	
<b>FRONT AXLE</b>										
Front axle	Size	2			2			2		
Front axle suspension		○			○			○		
Steering angle	°	55			55			55		
Independent steering pump		●			●			●		
Steering Double Displacement (SDD)		○			○			○		
ASM system		-	○		○			○		
Electrohydraulic 4WD engagement		●			●			●		
Electrohydraulic Diff Lock engagement		●			●			●		
<b>CAB</b>										
4 pillar cab		TopVision	TopVision+		TopVision <sup>Pro</sup>			TopVision <sup>Pro</sup>		
High visibility roof		○			○			○		
Hydro Silent-Block suspension		●			●			●		
Mechanical cab suspension		-	○		○			○		
Openable front window		○			○			○		
Rear window with defrost		-	○		○			○		
Telescopic and heated rear mirrors		-	○		○			○		
Manual A/C		○			○			○		
Mechanical suspended seat		●			●			●		
Pneumatic suspended seat		○			○			○		
Passenger seat		○			○			○		
Additional functionalities		-			○ (Jolly buttons and thumbwheel)			● (Comfortip, jolly buttons)		
External controls for PTO and lift		○			○			○		
iMonitor3 – Touchscreen 8"		-	○		○			○		
LED working lights		○			○			○		
Bracket for external monitor / device		○			○			○		
DAB+ radio with Bluetooth		○			○			○		
USB sockets		●			●			●		
Cooling box		-	○		○			○		



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<b>DIMENSIONS</b>									
With rear tyre	Size	480/70 R34"		480/70 R34"		480/70 R34"		480/70 R34"	
Wheelbase (A)	Mm	2480	2480	2510			2510		
Max. length (B)	Mm	4425	4500	4530			4530		
Centre rear axle – cab (C)	Mm	1985	2035	2035			2035		
Total height (D)	Mm	2735	2785	2785			2785		
Width (E)	Mm	2209	2209	2209			2209		
Weight	Kg	4600	5000	5500			5500		
Front admissible load	Kg	3000	3200	3200			3200		
Rear admissible load	Kg	5000	5000	5500			5500		
Total admissible load	Kg	7500	8000	8500			8500		

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

## CONFIGURABILITY

Extreme configurability in a tractor means that it can cater effectively for the needs of any application. This was the principle guiding DEUTZ-FAHR in the development of the new 6C Series, a family of 3 models with power outputs from 120 to 143 HP, 3 different transmission variants and a wide choice of options letting the customer tailor the ideal machine for their specific requirements.

## POWERSHIFT TRANSMISSION

An essential and precise transmission. The base transmission variant consists of a 5 speed mechanical gearbox, 2 or 3 stage Powershift steps and 2 or 4 work ranges. The 3 stage Powershift version includes also an APS function.

## RVSHIFT TRANSMISSION

High technology manageable through a single and simple joystick. The RVshift transmission offers a choice of 20+16 speeds selectable as easily as with a full-Powershift transmission.

## TTV TRANSMISSION

An infinite choice of ratios for unrivalled precision and efficiency. The TTV transmission combines state of the art technology with extraordinary efficiency to meet the needs of any task imaginable.

## HYDRAULIC SYSTEM

With a Load Sensing hydraulic system capable of delivering up to 120 l/min of oil, even implements with very high flow rate demands are no challenge for the 6C Series. In addition to this, the option of a mixed configuration for the rear distributors (with 2 mechanically controlled + 2 electronically controlled distributors), an additional low flow rate independent distributor, Power Beyond couplers and 2-way in the front, offer unparalleled flexibility for working with any hydraulic implement.

## NEW TOPVISION CABS

A highly comfortable working environment makes your job simpler, more enjoyable and less tiring. This is why the new 4-pillar cabs of the TopVision family have been improved even further, setting a new benchmark in this class. These cabs boast unrivalled all-round visibility, and even the base configuration features special Hydro Silent-Block suspension for impeccable quietness and minimal vibration, while optional mechanical cab suspension takes operator comfort to the next level. Front axle suspension is also available for total comfort whether working in the field or driving on public roads.

