

# C6000 SERIES



DEUTZ-FAHR  
C6205 - C6205 TS



# C6000 SERIES.

## Your Work. Your Comfort.

## Your Combine.

### New evolutionary horizons.

The C6205 arrives to complete the range of combine harvesters with a new design, innovative technical solutions for operator comfort and with advanced systems to manage abate emissions. A gem in the 5 straw walker category which embodies the technology and winning philosophy of the DEUTZ-FAHR systems that users already enjoy with the C7000 and C9000 range. Experience in the field and contact with loyal DEUTZ-FAHR customers has created the foundation on which to develop the C6205, dedicated to medium-sized farms that want to become independent with a reliable combine harvester that is compact, yet increases productivity, when faced with any type of harvest.

### The evolution of the species in comfort and functionality.

The COMMANDER CAB EVO II embodies high comfort and technology standards in order to make the job more pleasant and above all guarantee absolute operator safety. The electrically activated commands of the threshing functions are at your fingertips on the dashboard to the driver's right.

The control of the transmission and activation of the main functions (cutter bar, pick-up reel, grain tank emptying, emergency stop) are integrated in the latest-generation commander stick, making operations extremely simple and intuitive. The soundproof environment is also equipped with an air-conditioning system commissioned to yield maximum performance even at high temperatures.

The roof lining houses the air conditioning controls, the air vents, and a sun blind with automatic locking system. The CCM is the great tool the operator has for verifying in the blink of an eye the quality of his or her work at any time. A powerful series of 8 lights located on the cab illuminates work under all conditions. To complete the set, there are also two headlamps on the rear of the straw walker hood and an illumination light on the unloading auger. The side panels are designed to allow the user to easy access to all parts of the combine for easy maintenance.

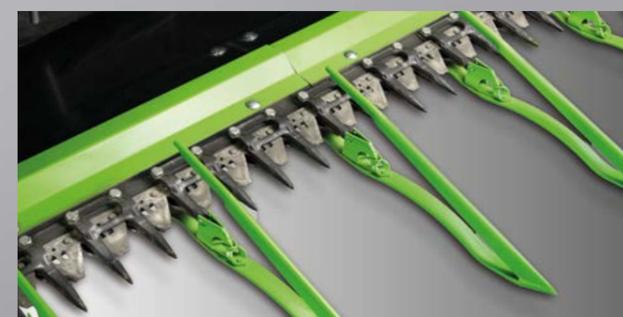


### The cutting bar.

The cutter bar is the combine harvester body that starts the entire harvesting process; that's why DEUTZ-FAHR has worked on a complete range adapted to its customers' needs.

The standard headers are available in the following sizes: 4.20, 4.80, 5.40 and 6.30; all are built with a planetary transmission that guarantees high cutting frequency (about 1220 strokes per minute). The knife is equipped with the patented tandem Schumacher Easy cut II system, which has outstanding efficiency and an effective outcome. You can also have an extension and two side knives to harvest the rapeseed on the wheat bar, or a special kit to adapt the cutter bar to harvest sunflowers.

There are also variably extendable cutting tables for different applications, called 'VARICROP'. The range includes: 5, 5.5 and 6.5 m.



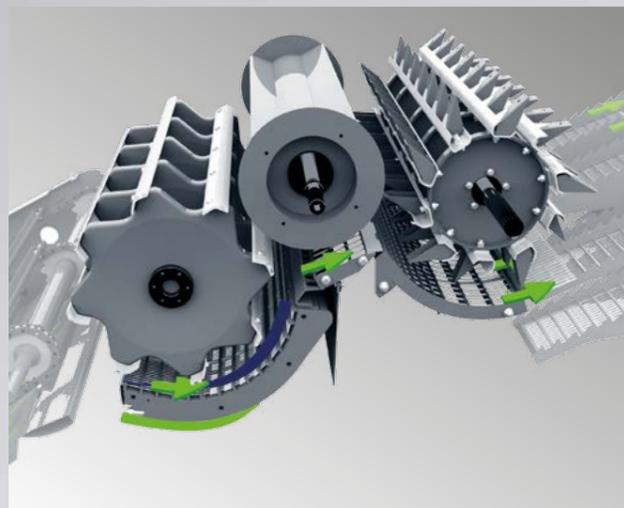
# C6000 SERIES.

## Your Harvest. Your Technology.

## Your Success.

### The optimum threshing.

DEUTZ-FAHR means no compromises. The C6205's threshing system maintains the same characteristics of its big sisters to guarantee top performance for every type of product, always aiming for high grain and straw quality. With its 600-mm diameter, the threshing drum is comprised of eight robust bars bolted to five supports.



### Concave.

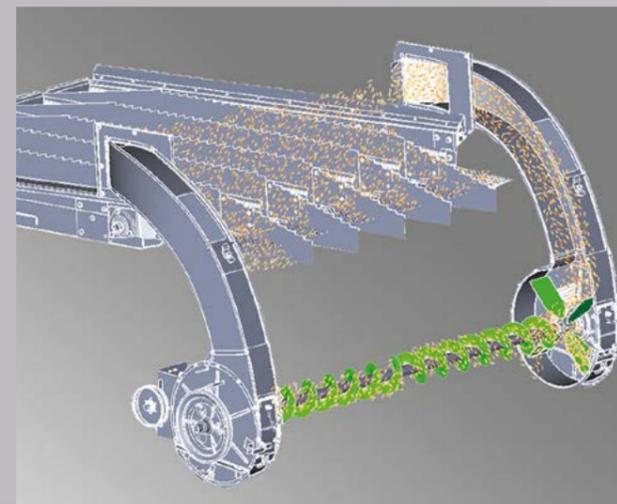
The C6205's concave has a broad 121° wrapping angle, completely taking advantage of the surface of separation. The concave can be adjusted independently at the front and the rear to allow the operator to select the optimum threshing for the crop and the conditions. The externally adjusted de-awning plates are easy to access and engage. What is really special about the DEUTZ-FAHR threshing system is the optional high performance segmented concave with 3 transversal sections, with optional wire spacings of 11, 14 & 16 mm which besides allowing rapid transformation of the combine harvester during the harvesting season, also lets you personalise threshing/separation, thus reducing the load of the straw walkers and decreasing the short straw that ends up on the sieves to a minimum.

### Turboseparator.

The C6205 TS's threshing system is enhanced by a third cylinder installed beyond the straw beater right before the straw walker: the turbo separator. This device increases the combine harvester's working capacity by about 20% so that the machine can be used at maximum performance level even with a particularly abundant harvest, with product in hard conditions like green straw or weeds. The turbo separator is 590 mm in diameter, 10 toothed feeder bars; the cylinder can be adjusted in five different positions to allow for more or less aggressive work on the product or even exclusion of the turbo separator should it be necessary.

### DGR.

Another distinctive feature of the DEUTZ-FAHR combine is the double return system, which constitutes a real and genuine genius idea that improves the combine harvester's performance, effectiveness of the threshing system and reduces losses. Indeed, this uncleaned product recovery system takes the material from below the sieves and sends it back to the grain preparation pan through two lifting channels located on the sides of the machine. In these lifting channels there are two beaters that substantially shell the uncleaned product in the time it takes to be picked from the bottom of the sieve tank and be dumped onto the grain preparation pan.



### Large volumes, rapid emptying.

Your harvest will be kept in a capacious 7000 L grain tank, letting you work without being interrupted. The discharge tube with high connection fitting makes every emptying rapid (75 L/sec), simplifying nearing trailers with high beds, even with a 6 m cutting table.



### Maximum cleaning with minimum effort.

Efficiency and quality of the product and the straw, that's the C6205 mission. The long closed straw walkers allow precise separation in any circumstances, both with damp product and with particularly weed infested crops. Their structure, the specially designed inclination and the motion that comes from experience in the field make separation accurate with only the straw being pushed toward the back of the combine harvester. Before reaching the upper sieve, the harvest goes from the preparation pan to a presieve which creates a double jump essential to slowing down the product and cleaning before the actual cleaning process.

A large contribution comes from the ventilation system with „cross flow“: a turbine which thanks to its large diameter (400 mm) and a whole 44 blades along the entire length of the rotor, manages to blow air on the whole width of the combine harvester. The DEUTZ-FAHR high cutting density straw chopper as well as the chaff spreader ensures that the plot processed is left ready for subsequent farming activities.



### A new achievement.

The Tier 4Final engine, with lower consumption but above all reduced environmental footprint, further enhances the prestige of the C6205. With Common Rail injection, 24 valves and an electronic governor system, these engines deliver exactly the right amount of power for the occasion and can respond to load peaks without losing productivity. The DOC (diesel oxidation catalysts) system, combined with the SCR (Selective Catalytic reduction) manage to considerably decrease the nitrogen oxide emissions (NOx) which are among the main pollutants that come from combustion.



Technical data	C6000		
	C6205	C6205 TS	
<b>HEADER</b>			
Width option	4.20 / 4.80 / 5.40 / 6.30		
Hydraulic cutting height adjustment	mm	from -300 to +1,370	
Oil-immersed planetary knife drive gearbox (1220 cuts/min.)	standard		
Long right and left crop dividers, fixed	standard		
No. Of crop lifters	13 to 20 depending on cutting width		
Trailer tow hitch	standard		
Header transport trolley	optional		
Rapeseed header conversion kit with hydraulic controlled side cutter on right	optional		
Side cutter for rapeseed on left with separate hydraulic control (only with rapeseed header)	optional		
Sunflower header conversion kit	optional		
Autocontrol (with lateral float)	optional		
<b>PICK-UP REEL</b>			
6-bar reel with hydraulic height adjustment	standard		
Hydraulic horizontal adjustment	standard		
Electrical speed control	rpm	16 to 45, infinitely variable	
<b>TRESHING DRUM</b>			
Diameter	mm	600	
Width	mm	1,270	
Bars	n°	8	
Electrical variator	rpm	420 - 1,250	
Threshing drum speed reducer (optional)	rpm	210 - 625	
<b>CONCAVE</b>			
Bars	n°	15	
Wrap angle	degrees	121	
Separation surfaces	m²	0.95	
Multi-segment concave	optional		
Adjustment of concave inlet/outlet from the driver's cab	standard		
Conversion for maize harvesting, grain	optional		
<b>TURBO SEPARATOR (TS)</b>			
Diameter	mm	-	590
Speed of rotation	rpm	-	775/410
Mechanical adjustment through 5 positions	-		standard
Separation surface area	m²	-	0.81
<b>STRAW WALKER</b>			
Elements	n°	5	5
Steps	n°	5	4
Straw walkers type			close
Ball bearing mounts			standard
Shaking surface area	m²	5.28	4.60
Total separation surface	m²	6.23	6.36
<b>STRAW CHOPPER - CHAFF SPREADER</b>			
Built-in straw chopper with manually adjustable spread width			optional
Built-in chaff spreader			optional
<b>CLEANING SYSTEM</b>			
High performance crossflow fan			standard
Pre-sieve			standard
Sieve box illumination			standard
Total ventilated sieve area	m²	4.22	
<b>TAILING RETURN SYSTEM</b>			
Electronic control of returns level and overload			optional-depending on versions
Independent L/R returns with re-threshing system			standard

Technical data	C6000	
	C6205	C6205 TS
<b>GRAIN TANK</b>		
Lifting / Capacity	litres	7000
Discharge in any position	standard	
Visual and audible grain tank level indicator	standard	
Interior light / Grain sampling from driving position	standard	
Discharge speed	lt/sec.	75
<b>ENGINE</b>		
Tier IV Final water cooled Turbo Diesel engine	DEUTZ L6 6.1 lt	
Power at rated engine speed (97/68/EC)	kW/HP	169/230
Maximum power (ECE R120)	kW/HP	184/250
Fuel tank	litres	450
AdBlue tank	litres	53
<b>TRANSMISSION / BRAKES / STEERING</b>		
Hydrostatic transmission with 3-speed gearbox (105 cc)	standard	
Forward speed / Reverse speed	Km/h	0 - 26.0 / 0-14.0
Pedal operated hydraulic brake, usable as independent brake, mechanical parking brake	standard	
<b>TYRES</b>		
Front, 620 / 75 R30 168 A8	standard	
Rear, 320/80 R18	standard	
<b>DIMENSIONS</b>		
Wheelbase	mm	3,890
Length without cutter bar	mm	8,770
Length with cutter bar- crop dividers folded	mm	10,620
Grain tank height	mm	3,935
<b>WEIGHTS</b>		
without header	Kg	8,770
weight with 4.20 m header	Kg	10,050
weight with 4.80 m header	Kg	10,190
weight with 5.40 m header	Kg	10,350
weight with 6.30 m header	Kg	10,550



Dealer

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The use of original lubricants and coolants is recommended



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