

# Agrotron 130-165



75 YEARS OF  
DEUTZ-FAHR  
TRACTORS



DRIVEN BY INTELLIGENCE.

# The good gets better -



"Best is the enemy of the good", so the old saying goes. To improve a trendsetter you need a lot of know-how, sensitivity and a great deal of experience.

DEUTZ-FAHR has improved some main characteristics of the Agrotron without changing its revolutionary features, such as:

- The unique spacious, panoramic cab with a 320° view
- The full view concept
- The economical DEUTZ engines with a wide constant power range and a torque rise of up to 45%
- The 4-stage powershift transmission with PowerShuttle
- The 4-speed PTO
- The unbeatable manoeuvrability

with a turning circle of only 11,0 m  
• The 4-wheel drive and differential lock management (ASM)  
• The excellent linkage lift of 9.2 t

The new generation of the 6-cylinder Agrotron is characterised by its modified family design, already featured in the Agrotron TTV and the new super class Agrotron

# the new Agrotron.



**PowerShuttle:** Forward/reverse travel without actuating the clutch. A significant advantage for many daily jobs.



**Powershift:** Convenient press-button shifting with the optional shifting lever integrated into the armrest.



210 – 265. Its new streamlined cowling, incorporating five working headlights, is opened in one section utilising gas-pressure dampers, allowing easy access to the front working area.

Apart from the new engines, which naturally comply with the latest emission legislation, the cooling sys-

tem has also been completely re-worked. With its simple and ingenious folding mechanism it is one of the most maintenance-friendly designs now available on the market.

With a comprehensive range of standard equipment and the renowned high functionality and ergo-

## Advantages:

- ▶ Sloping, streamlined cowling for excellent view of the front-mounted implements and cultivation area
- ▶ Light and spacious panoramic cab with perfect air conditioning for stress-free work
- ▶ Exemplary coordination of front axle suspension, together with pneumatic suspension for cab and seat
- ▶ Powerful, high-torque, economical and reliable DEUTZ engines with electronic engine control (EMC)
- ▶ PLD high-pressure injection with up to 1,400 bar
- ▶ Simple-operation 4-stage powershift transmission with 6 synchronised speeds, PowerShuttle and optional creeper speeds
- ▶ High-performance hydraulic system with a lifting force of up to 9,200 kp
- ▶ Powerful, highly efficient hydraulic system with pressure and flow rate control
- ▶ Drive train management (ASM)
- ▶ Front powerlift with 4,000 kp lifting force
- ▶ Front PTO with 1,000 rpm
- ▶ Long maintenance intervals
- ▶ Very low maintenance and operating costs
- ▶ 40 or 50 km/h versions available

nomics, the new Agrotron series continues to set standards in tractor technology.



# Agrotion 130 - 165

Have a chat with your local DEUTZ-FAHR dealer, he will be pleased to answer your questions:

Technical data		130	140	155	165
<b>Engine liquid-cooled</b>	Type			BF 6 M 1013 EC	
Cylinders / cubic capacity	Cyl. / cm <sup>3</sup>			6 / 7,146	
Rated power / (Maximum power)	kW/hp	94/128 (99/135)	105/143 (110/149)	113/153 (116/158)	120/163 (125/170)
Maximum torque	Nm	504	556	598	683
Torque rise	%	35	41	42	45
Tank volume	litres			320	
<b>Transmission</b>					
POWERSHIFT/POWERSHUTTLE				4-stage powershift with reversing transmission	
No. of speeds	F / R			24/24 or 40/40 with creeper speed	
<b>Working hydraulics</b>					
Flow rate pump/pressure	litres/min (bar)			83 (200), upon request 120 (200)	
Oil reservoir / available oil quantity	- / litres			jointly with transmission / 40	
<b>Powerlift</b>					
3-point cat. III - lifting force at rear	kg			9,200	
Optional front powerlift cat.II Lifting force	kg			4,000	
<b>Rear PTO</b>					
Clutch / Actuation / Profiles				Oil-immersed, modulated / electro-hydraulic / 1 3/8" 6 spline or 1 3/8" 21 spline; 1 3/4" 20 spline	
Speeds	rpm			540/540E and 1,000/1,000E	
<b>Front PTO (optional)</b>					
Clutch / Actuation / Profiles				Oil-immersed multi-plate clutch / Electro-hydraulic / 1 3/8" 6 spline	
Speed	rpm			1,000	
<b>Hydraulic remote valves</b>					
Quantity				2 (4 upon request)	
Oil flow rate				adjustable from 0-83 litres	
<b>Chassis, brakes, steering</b>					
Front axle drive / differential lock front & rear	- / ASM			Central drive / fully automatic control of speed, steering angle, individual wheel braking and slip (100% locking); can be deactivated	
Service brake front and rear				Automatic activation front drive / disk brake system, oil immersed	
Steering system / Steering angle / Turning radius	- / ° / m			hydrostatic with balanced cylinder / 52° / 5.13	
<b>Dimensions</b>					
Wheelbase / length	mm			2,767 / 4,757	
Width / height	mm			2,470 / 2,956	
<b>Weights</b>					
Unladen weight	front / rear / total	kg	1,920/3,530/5,450	2,435/3,795/6,230	2,435/3,825/6,260
Payload	front / rear / total	kg	2,265/3,005/2,770	2,265/3,405/2,770	2,265/3,375/3,240
Permissible laden weight	front / rear / total	kg	4,700/7,200/9,500	4,700/7,200/9,500	4,700/7,200/10,000
<b>Tyres (maximum)</b>					
Front				540/65 R28	
Rear				650/65 R38	

This printed material is designed for world use. The illustrations it contains show both special equipment and incomplete standard equipment. The availability of some illustrated models, standard and special equipment can vary from country to country. Only the dealer's price list stipulates whether such illustrated equipment is included as a standard feature or whether it is a special accessory. In addition the illustrated mounted implements and special accessories may not always comply with the respective statutory regulations. It is the responsibility of the customer – after consultation with the dealer – to verify this, taking the operating instructions into account. All information and illustrations in this brochure are subject to change without notice; errors excepted. Furthermore all information contained in this brochure is not binding and is subject to modifications of a technical and commercial nature or those resulting from statutory regulations. No claims whatsoever can be derived from these. SAME DEUTZ-FAHR DEUTSCHLAND GmbH reserves the right to make any changes to the design and technical construction and also the scope of standard equipment at any time and without prior notice.

Order no.: 515-10-01 LEO 0703

**DEUTZ  
FAHR**