

Agcotron 130-165



75 YEARS OF
DEUTZ-FAHR
TRACTORS



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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 Agrotion 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 Agrotion is characterised by its modified family design, already featured in the Agrotion TTV and the new super class Agrotion

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. It's 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 sy-

stem 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
Engine liquid-cooled		Type	BF 6 M 1013 EC			
Cylinders / cubic capacity		Cyl. / cm ³	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			
Transmission						
POWERSHIFT/POWERSHUTTLE			4-stage powershift with reversing transmission			
No. of speeds		F / R	24/24 or 40/40 with creeper speed			
Working hydraulics						
Flow rate pump/pressure		litres/min (bar)	83 (200), upon request 120 (200)			
Oil reservoir / available oil quantity		- / litres	jointly with transmission / 40			
Powerlift						
3-point cat. III - lifting force at rear		kg	9,200			
Optional front powerlift cat.II Lifting force		kg	4,000			
Rear PTO						
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			
Front PTO (optional)						
Clutch / Actuation / Profiles			Oil-immersed multi-plate clutch / Electro-hydraulic / 1 3/8" 6 spline			
Speed		rpm	1,000			
Hydraulic remote valves						
Quantity			2 (4 upon request)			
Oil flow rate			adjustable from 0-83 litres			
Chassis, brakes, steering						
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			
Dimensions						
Wheelbase / length		mm	2,767 / 4,757			
Width / height		mm	2,470 / 2,956			
Weights						
Unladen weight	front / rear / total	kg	1,920/3,530/5,450	2,435/3,795/6,230	2,435/3,825/6,260	2,505/3,920/6,425
Payload	front / rear / total	kg	2,265/3,005/2,770	2,265/3,405/2,770	2,265/3,375/3,240	2,195/4,680/3,575
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	4,700/8,600/10,000
Tyres (maximum)						
Front			540/65 R28			
Rear			650/65 R38			

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