

AGROTRON X



**DEUTZ
FAHR**

EVOLVING AGRICULTURE.

TECHNICAL DATA

AGROTRON X 710 • X 720

Type	X 710	X 720
Engine		
Liquid cooled DEUTZ diesel engine	Type	TCD 2013 L06 4V
Cylinders/cubic capacity	No./cm ³	6/7,146
Bore/stroke	mm	108/130
Injection system	DCR (DEUTZ Common-Rail) with 1,600 bar injection pressure and 6-hole-injectors	
Rated power (2000/25 EC)*	kW/hp	161/219
Max. power (2000/25 EC)*	kW/hp	178/242
Max. power with DPC	kW/hp	184/250
Electronic engine control (EMC)	standard	
Maximum torque	Nm	961
Constant torque range	rpm	1,100-1,600
Torque rise	%	35
Constant power range	rpm	1,800-2,300
Air intake	On the A-strut, left hand top	
Spec. fuel consumption	g/kWh	211
Oil quantity/tank capacity	l	28/425 (585 on request)
Cab		
Comfort Cab version	Integrated, sound-proofed safety cab, exhaust on the side of the strut	
Suspension	Air suspension and level control as standard	
Noise level	dB (A)	72.8
Equipment	Sun blind, tinted windows, wiper/washer unit at front and rear, opening for implement actuation, working headlamp at front and rear, interior lighting, Grammer mechanical comfort seat (with air suspension on request) with seat belt	
Heating system	Hot-water heating with fan with 4 settings	
Air conditioning	Front and rear windows can be tilted, ventilation system with fan, A/C system on request, tiltable glass roof on request	
PowerCom S armrest	standard	
Display	Non-glare information display with digital display showing vehicle speed, speed of front/rear PTO, powershift stages, operating hours, time, etc.	
Electrical system		
Voltage	V	12
Three-phase alternator	W/A	1,800/200
Starter	V/kW	12/4
Battery	V/Ah	12/180
AGROTRONIC-hD connections	External signal transmitter, 7-pin	
Chassis, brakes, steering		
Front axle suspension	40/50 km/h	upon request/standard
Differential locks front/rear	ASM	Fully automatic control by speed, steering angle, individual wheel braking and slip (100% locking); can be deactivated
Service brake	front/rear	rear Automatic activation of the front drive/disk brake system, oil-immersed
Steering angle		52°
Turning circle with track for track 1,900		6.75-7.40
Steering hydraulics		
Steering load sensing	with separate pump 571/185 bar	
Steering system	Hydrostatic with balanced steering cylinder	

* without cooling fan

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Hydraulic system								
System					Load Sensing			
Oil reservoir					separate			
Pump flow rate	l/min (bar)				120 (200)			
Oil quantity					max. 45			
Powerlift								
AGROTRONIC-hD					Draft control/position control/mix control/float/diagnosis/vibration damping/slip control			
Category 3-point hitch, rear					III, fast-action couplings with automatic lateral stabilisation			
Lifting capacity, rear	kp				10,500			
Lifting capacity, front	kp				5,000			
Remote control of rear powerlift					standard on mudguard, left and right			
Front powerlift					upon request			
Cat. 3-point hitch, front					Cat II / upon request WKS fast-action couplings Cat III L			
Remote valves								
Quantity					Series 4 electrohydraulic			
Parallel operation					standard			
Functions					Double-acting with floating position, can be coupled under pressure			
Actuation					with PowerComS for 1+2, joystick for 3+4			
Flow rate/Flow time					adjustable from 0 to 83 l/adjustable from 0-45 secs. or continuous flow			
Power beyond direct connection					standard			
Transmission								
No. of speeds with creeper speed	F/R				40/40			
Type					ZF 7300			
Vibration absorber/Turboclutch					Hydrodamp torsion damper		Turboclutch	
Powershift					4-range powershift with APS			
Powershuttle reversing transmission					standard			
Max. speed	40/50 km/h				Adjustment with engine speed controller max. speed 40 or 50 km/h			
Clutch					Multi-plate clutch, oil-immersed			
Speeds in km/h at engine speed*								
creeper speed								
Group	L	M	H	S	L	M	H	S
1	0.48	0.58	0.69	0.83	3.45	4.14	4.96	5.95
2	0.83	1.00	1.19	1.43	5.96	7.15	8.57	10.3
3	1.21	1.45	1.74	2.09	8.69	10.4	12.5	15.0
4	1.79	2.15	2.57	3.09	12.8	15.4	18.5	22.2
5	-	-	-	-	20.0	24.0	28.9	34.6
6	-	-	-	-	29.6	35.6	42.5	50.0

* with tyres 710/70 R42

GREAT RELIEF.

