

# AGROTRON X



EVOLVING AGRICULTURE.



# TECHNICAL DATA

# AGROTRON X 710 • X 720

Type		X710	X720
Engine			
Liquid cooled DEUTZ diesel engine	Type	TCD 2013 L06 4V	
Cylinders/cubic capacity	No./cm³	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	193/262
Max. power (2000/25 EC)*	kW/hp	178/242	198/270
Max. power with DPC	kW/hp	184/250	202/275
Electronic engine control (EMC)		standard	
Maximum torque	Nm	961	1,052
Constant torque range	rpm	1,100-1,600	1,300-1,650
Torque rise	%	35	36
Constant power range	rpm	1,800-2,300	1,750-2,350
Air intake		On the A-strut, left hand top	
Spec. fuel consumption	g/kWh	211	209
Oil quantity/tank capacity	l	28/425 (585 on request)	28/585
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	standard/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/disc 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 57 l/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	l				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				normal			
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



