

AGROPLUS F

320 • 410 • 420 • 430



EVOLVING AGRICULTURE.

TECHNICAL DATA		AGROPLUS F 320	AGROPLUS F 410	AGROPLUS F 420	AGROPLUS F 430
Version		4WD	4WD	4WD	4WD
ENGINE		SDF 1000.3 WTI TIER III	SDF 1000.4 WTI TIER III	SDF 1000.4 WTI TIER III	SDF 1000.4 WTI TIER III
Cylinders/Displacement	no/cm ³	3/3000	4/4000	4/4000	4/4000
Aspiration		Turbo Intercooler			
Max. homologated power (2000/25/CE)	HP/KW	82/60	85/63	96/71	106/78
Nominal engine speed	rpm	2200	2200	2200	2000
Max. torque	Nm	310	345	373	390
Max. torque engine speed	rpm	1600	1600	1600	1600
Cooling		liquid-oil			
Engine control		electronic			
Air cleaner		dry with safety cartridge and dust ejector			
Stilencer underhood		with lateral exhaust / vertical			
Fuel tank capacity	litres	55 with tank forward of engine 40 with additional tank under platform			

DIMENSIONS AND WEIGHTS (with rear tyres)		360/70R24	380/70R24	420/70R24	420/70R24
Max. length without link arms	mm	3186	3338	3363	3363
Width min.- max.	mm	1443-2012	1478-1988	1618-2018	1618-2018
Max. height at safety frame	mm	2228	2380	2405	2405
Height at engine hood	mm	1296	1318	1343	1343
Height at steering wheel	mm	1306	1328	1353	1353
Max. height at cab	mm	2267	2289	2314	2314
Ground clearance	mm	225	225	250	250
Wheelbase	mm	1990	2120	2120	2120
Front track min.- max.	mm	1165-1442	1165-1442	1165-1516	1165-1516
Rear track min.- max.	mm	1139-1637	1189-1589	1179-1579	1179-1579
Minimum steering radius without braking	mm	3900	4000	4000	4000
Weight with safety frame	kg	2500	2650	2650	2650
Weight with cab	kg	2720	3000	3000	3000

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 5 synchronised gears 3 gear ranges with underdrive and creeper (min. speed: 0,22 km/h)	30 FWD + 15 REV with Overspeed
Powershift gearbox (3 power gears) 5 synchronised gears, gear ranges with creeper (min. speed: 0,18 km/h)	45 FWD + 45 REV with Overspeed
Max. speed	km/h Overspeed gearbox 50 km/h (for some countries speed limited to 40 km/h for legal purposes, even at economy engine speed)
Shuttle	mechanical, synchronised hydraulic under load with Stop&Go system
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler

REAR P.T.O.	
Clutch	oil-immersed multi-disc
Speed	rpm 540-540 ECON rpm 540-540 ECON-1000 synchronised P.T.O.
Operation	electro-hydraulically operated, push-button control

FRONT P.T.O.	
Clutch	oil-immersed multi-disc
Speed	rpm 1000
Operation	electro-hydraulically operated, push-button control

BRAKES AND STEERING	
Braking system	all wheel braking, oil-immersed discs on all 4 wheels, hydrostatically operated
Parking brake	independent

Trailer braking	hydraulic braking valve
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	4WD 55°

HYDRAULIC LIFT	
Rear power lift	mechanical electronic
Maximum lifting capacity	kg 3000
Pump delivery	l/min. 54
Hydraulic system with double pump	l/min. 33 + 25
Auxiliary hydraulic control valves	no. ways 6 with flow regulator 4 ventral ways: electro-hydraulically or mechanical operated
3 point linkage (link arms and top link)	fixed hitching balls automatic hitching
RH link arm and stabilisers	mechanical hydraulic
Front lift	original built in maximum lifting capacity 1500 kg quick fit ballast, 250 kg

DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	folding
Cab	original sound-proofed and pressurised, opening windscreen, rear windscreen wiper, 4 work lights, active carbon air filter, external rear-view mirrors
Instruments	digital display
Driver's seat	mechanical adjustment, safety belt pneumatic suspension, safety belt

POWERSHIFT WITH OVERSPEED GEARBOX 45 FWD + 45 REV - SPEEDS IN KM/H AT ENGINE SPEED OF 2200 RPM WITH 420/70 R 24 REAR TYRES

	1 SR	2 SR	3 SR	4 SR	5 SR	1 L	2 L	3 L	4 L	5 L	1 V	2 V	3 V	4 V	5 V
LOW	0,18	0,28	0,40	0,59	0,87	1,27	1,72	2,54	3,75	5,53	7,76	9,43	14,01	20,64	30,48
MEDIUM	0,22	0,32	0,48	0,71	1,05	1,41	2,05	3,05	4,50	6,46	8,05	11,31	16,81	24,77	36,57
HIGH	0,27	0,39	0,58	0,86	1,17	1,71	2,49	3,70	5,45	6,64	9,41	13,71	20,38	30,03	44,33*

*-FOR SOME COUNTRIES SPEED LIMITED TO 40 KM/H ALSO AT ECONOMY ENGINE SPEED FOR LEGAL PURPOSES - PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS WITH THE 30+15 GEARBOX, REVERSE SPEED ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS WITHOUT UNDERDRIVE.

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.

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