

AGROPLUS 67 • 77 • 87

ENGINE		Agroplus 67	Agroplus 77	Agroplus 87
Manufacturer / type		SDF 100.3 WT	SDF 100.4 WT	SDF 100.4 WT
Cylinders / displacement	no. / cu. in. (L)	3 / 183 (3 L)	4 / 244 (4 L)	4 / 244 (4 L)
Air intake		Turbo	Naturally aspirated	Turbo
Cooling system		Liquid		
Max. power (2000/25/EC)	hp (kW)	70 / 51.5	74 / 54.5	87 / 64
Rated engine speed / max. power		2200 rpm		
Torque rise	%	22	15	31
Maximum torque	ft.-lb. (Nm)	192 (260)	190 (257)	257 (348)
Constant power range		1400–1600 rpm		
Engine governor control		Mechanical (standard models); electronic (inverser models)		
Air filter		Dual element		
Fuel tank capacity	U.S. gal. (L)	24 (90)		
TRANSMISSION				
Rear differential lock		Electrohydraulic with pushbutton engagement		
Lubrication		Pressurized with transmission oil cooler		
Power Train: Agroplus 67–87 Standard				
Synchronized 20 / 10	F / R	Synchronized, mechanical, 5-speed gear box with high and low range		
Direction control reverser		Synchronized, mechanical shuttle		
Clutch		Dry; hydraulically engaged		
Power Train: Agroplus 67–87 Inverser				
Synchrosplit 30 / 15	F / R	Synchronized, mechanical, 5-speed gear box with high, low and creeper range. ECO speed (25 mph / 40 km/h) with electronic control		
Direction control reverser		Power shuttle (hydraulic reverser) under load		
Clutch		Wet, hydraulic engagement		
Stop & Go		Standard		
Rear PTO				
Clutch / actuation		Wet, multi-disc / electrohydraulic engagement via pushbutton		
Engine speed	rpm	540		
Front PTO				
Clutch / actuation		Wet, multi-disc / electrohydraulic engagement via pushbutton		
Engine speed	rpm	1000, CW rotation, 6-spline		

SPECIFICATIONS

HYDRAULICS

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System Specs

System / oil reservoir	Common with transmission
Pump flow rate gpm / psi (L/min. / bar)	14.2 / 2,176 (54 / 150)

3-point hitch

Rear 3-point hitch	Mechanical (standard); electronically controlled (optional)
Rear lift capacity lbs. (kg)	7,900 (3600)
Remote valves	3
Front 3-point hitch	4WD only
Front lift capacity lbs. (kg)	3,850 (1750)

Electrical systems

Battery	580 aH
Alternator	12V / 88A
Rear power outlet	20

Steering, brakes and chassis

Steering system	Hydrostatic with independent pump
Steering angle / turning radius ft. (m)	70° 2WD / 55° 4WD / 11.8 (3.6 m)
Brakes	Wet disc on all four wheels
Function modes of brake system	1. All-wheel brake; 2. Individual wheel brake (rear axle); 3. Side brake; can be switched over via hydraulic brake valve
Parking brake	Independent

MFWD (Mechanical Front-Wheel Drive) Axle

Engagement	Electrohydraulic with pushbutton control
Front differential lock	Electrohydraulic with pushbutton control

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TRACK WIDTHS AND TIRES (standard configuration)

		Agroplus 67	Agroplus 77	Agroplus 87
12.4 R20 14.9 R30	in. (mm) in. (mm)	55–69 (1266–1754) 55–75 (1400–1902)	n/a	
11.2 R24 16.R30	in. (mm) in. (mm)	n/a	53.5–73 (1360–1850) 55–75 (1400–1900)	n/a
320 / 70 R20 420 / 70 R28	in. (mm) in. (mm)	n/a		53.5–69 (1360–1754) 55–75 (1400–1904)

Optional sizes

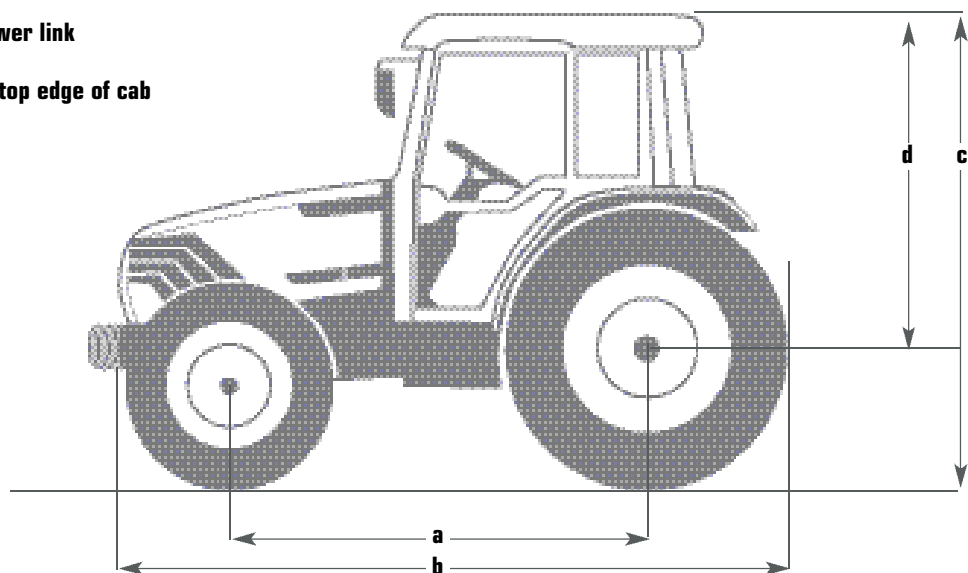
380 / 70 R20 480 / 70 R30	in. (mm) in. (mm)	n/a	53.5–69 (1360–1754) 55–75 (1400–1900)
360 / 70 R20 420 / 70 R30	in. (mm) in. (mm)	n/a	53.5–69 (1360–1754) 55–75 (1400–1900)
320 / 70 R24 480 / 70 R30	in. (mm) in. (mm)	n/a	49.4–73 (1256–1850) 55–75 (1400–1900)
405 / 70 R20 480 / 70 R30	in. (mm) in. (mm)	n/a	57.4–69 (1460–1754) 55–67 (1400–1700)
320 / 70 R24 13.6 R36	in. (mm) in. (mm)	n/a	49.4–69.3 (1256–1760) 51–71 (1294–1808)
250 / 85 R28 (9.5 R28) 480/70 R34	in. (mm) in. (mm)	n/a	45.6–77.3 (1158–1864) 49.4–72.6 (1256–1844)

Special order only

11.2 R24 12.4 R36	in. (mm) in. (mm)	49.4–73 (1256–1850) 51–75 (1292–1908)	n/a
11.2 R20 14.9 R28	in. (mm) in. (mm)	50–69 (1266–1754) 55–75 (1400–1904)	n/a

SPECIFICATIONS

- a. Wheel base
- b. Length without lower link
- c. Height above cab
- d. Axle center up to top edge of cab



Dimensions		Agroplus 67	Agroplus 77	Agroplus 87
a. Wheel base	in. (mm)	81 (2056)	86 (2186)	
b. Length	in. (mm)	142 (3606)	147 (3736)	
c. Height to top of cab	in. (mm)	96.5 (2450)		
d. Axle center to top of cab w/AC	in. (mm)	74.2 (1885)		

Dimensions			
Total base weight	lbs. (kg)	6,248 (2840)	6,820 (3100)
Max. gross weight	lbs. (kg)	11,000 (5,000)	