

ARION		460	450	440	430	420	410
Engine							
Manufacturer		FPT	FPT	FPT	FPT	FPT	FPT
Number of cylinders		4	4	4	4	4	4
Cubic capacity	cm ³	4500	4500	4500	4500	4500	4500
Turbocharger with wastegate		●	●	●	●	–	–
Turbocharger		–	–	–	–	○	○
Rated output (ECE R 120) ²	kW/hp	99/135	92/125	85/115	77/105	70/95	63/85
Max. output (ECE R 120) ²	kW/hp	104/140	97/130	90/120	82/110	75/100	67/90
Type approval value (ECE R 120) ¹	kW	103	97	90	83	75	67
Max. torque (ECE R 120) ²	Nm	570	550	520	480	435	405
Engine speed at maximum output	rpm	2100	2000	2000	2000	2000	2000
Max. fuel tank capacity	l	190	190	190	190	140	140
Max. urea tank capacity	l	22	22	22	22	17	17
Oil-change interval	h	600	600	600	600	600	600

QUADRISHIFT powershift transmission

Ratios F/R		16/16	16/16	16/16	16/16	16/16	16/16
Powershift speeds		4	4	4	4	4	4
Electrohydraulically controlled ranges		4	4	4	4	4	4
REVERSHIFT clutchless reverser		●	●	●	●	●	●
Min. speed at 2200 rpm	km/h	2.04	2.04	2.04	2.04	1.85	1.85
Min. speed with creep gear	km/h	0.15	0.15	0.15	0.15	0.14	0.14
Max. speed	km/h	40	40	40	40	40	40
QUADRACTIV		○	○	○	○	○	○

HEXASHIFT powershift transmission

Ratios F/R		24/24	24/24	24/24	24/24	–	–
Powershift speeds		6	6	6	6	–	–
Electrohydraulically controlled ranges		4	4	4	4	–	–
REVERSHIFT clutchless reverser		●	●	●	●	–	–
Min. speed at 2200 rpm	km/h	1.75	1.75	1.75	1.75	–	–
Min. speed with creep gear	km/h	0.13	0.13	0.13	0.13	–	–
Max. speed	km/h	40	40	40	40	–	–
HEXACTIV		○	○	○	○	–	–

Rear axle

Electrohydraulically activated differential locks		●	●	●	●	●	●
Automatic differential lock		●	●	●	●	●	●
Max. rear wheel tyres (diameter)	m	1.75	1.75	1.75	1.75	1.70	1.65
Oil-change interval	h	1800	1800	1800	1800	1800	1800

PTO

Wet multi-disc clutch		●	●	●	●	●	●
External operation of engagement and emergency stop		○	○	○	○	○	○
540/540E		●	●	●	●	●	●
540/1000		○	○	○	○	○	○
540/540E/1000		○	○	○	○	○	○
540/540 E/1000 and ground speed PTO		○	○	○	○	–	–
Changeable PTO stub		●	●	●	●	●	●
1½" PTO stub, 6 splines		○	○	○	○	○	○
1½" PTO stub, 6 and 21 splines		●	●	●	●	●	●
1½" PTO stub, 6 and 8 splines		○	○	○	○	○	○
Automatic PTO engagement/ disengagement		○	○	○	○	○	○

Four-wheel drive front axle

Rigid front axle		●	●	●	●	●	●
PROACTIV suspended front axle		○	○	○	○	○	○
Automatic 4-wheel drive		●	●	●	●	●	●
Optimum turning radius	m	4.90	4.90	4.50	4.50	4.25	4.25
Fixed mudguards		●	●	●	●	●	●
Pivoting mudguards		○	○	○	○	○	○

¹ Performance data fit criteria for admissibility.

² Meets ISO TR 14396

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Hydraulics							
Open-centre hydraulic circuit, 60 l/min		○	○	○	○	○	○
Output at nominal engine speed	l/min	60	60	60	60	60	60
Max. operating pressure	bar	195	195	195	195	195	195
Number of mechanical spool valves at the rear (min./max.)		2-3	2-3	2-3	2-3	2-3	2-3
FLEXIPILOT 4-way control lever		○	○	○	○	○	○
Flow rate control for one spool valve		●	●	●	●	●	●
Open-centre hydraulic circuit, 100 l/min		○	○	○	○	○	○
Output at nominal engine speed	l/min	100	100	100	100	100	100
Max. operating pressure	bar	195	195	195	195	195	195
Number of mechanical spool valves at the rear (min./max.)		2-3	2-3	2-3	2-3	2-3	2-3
ELECTROPILOT 4-way control lever		○	○	○	○	○	○
Flow rate control for one spool valve		●	●	●	●	●	●
Load-sensing circuit 110 l/min		○	○	○	○	○	○
Output at nominal engine speed	l/min	110	110	110	110	110	110
Max. operating pressure	bar	200	200	200	200	200	200
Number of electronic spool valves at the rear (min./max.)		2-4	2-4	2-4	2-4	2-4	2-4
ELECTROPILOT 4-way control lever		○	○	○	○	○	○
Flow rate control for all spool valves		○	○	○	○	○	○

Rear linkage

Lower and upper links with category II ball end		–	–	–	–	●	●
Lower and upper links with category III coupling hook		●	●	●	●	○	○
Max. lifting capacity at ball ends	kg	5750	5750	5750	5750	4500	4500
Continuous lifting power at ball ends	kg	4200	4200	4200	4200	3200	3200
Vibration damping		●	●	●	●	●	●
External controls		●	●	●	●	●	●
ISOBUS socket		○	○	○	○	○	○
25 amp socket		●	●	●	●	●	●

Front linkage

Max. lifting capacity at ball ends	kg	3300	3300	3300	3300	3300	3300
Front PTO 1000 rpm		○	○	○	○	○	○
Vibration damping for front linkage		●	●	●	●	●	●
External operation		○	○	○	○	○	○
Additional hydraulic connections		○	○	○	○	○	○
Trailer socket		●	●	●	●	●	●

Cab

High-profile cab		□	□	□	□	□	□
Low-profile cab		□	□	□	□	□	□
PANORAMIC cab		□	□	□	□	□	□
Standard version		●	●	●	●	●	●
CIS version		○	○	○	○	○	○
CIS+ version		○	○	○	○	○	○
Air conditioning		○	○	○	○	○	○
Automatic climate control		○	○	○	○	○	○
Passenger seat with integral cool box		○	○	○	○	○	○
Adjustable steering column		●	●	●	●	●	●

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All technical specifications relating to engines are based on the European emission regulation standards: Stage. Any reference to the Tier standards in this document is intended solely for information purposes and ease of understanding. It does not imply approval for regions in which emissions are regulated by Tier.

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Dimensions and weights

Centre of rear axle to top of high-profile cab (a)	mm	1965	1965	1965	1965	1910	1910
Centre of rear axle to top of low-profile cab (a)	mm	1851	1851	1851	1851	1796	1796
Overall height (b) high-profile cab	mm	2765	2765	2765	2765	2610 ¹	2610 ¹
Overall height (b) low-profile cab	mm	2601	2601	2601	2601	2496 ¹	2496 ¹
Wheelbase (c)	mm	2525	2525	2525	2525	2489	2489
Overall length (without front ballast, without front linkage) (d)	mm	4444	4444	4444	4444	4372	4372
Ground clearance, front axle (e)	mm	492	492	479	479	454	429
Ground clearance, rear axle (excl. drawbar) (f)	mm	469	469	456	456	431	406
Weight	mm	5200	5200	5100	5100	4800	4700
Max. permissible gross weight	mm	8500	8500	8500	8500	8500	8500

¹ Overall height with 30" tyres

