

ELIOS		240	230	220	210
Engine					
Manufacturer		FPT	FPT	FPT	FPT
Number of cylinders / intake		4/TI	4/TI	4/TI	4/TI
Cubic capacity	cm ³	3400	3400	3400	3400
Common rail injection (1600 bar)	bar	●	●	●	●
Emission control EGR, DOC + DPF		●	●	●	●
Max. output (ECE R 120) ¹	kW/hp	76/103	68/92	62/85	56/76
Output at nominal engine speed (ECE R 120) ¹	kW/hp	72/98	67/91	61/83	55/75
Nominal engine speed	rpm	2300	2300	2300	2300
Engine speed at max. torque	rpm	1600	1500	1500	1500
Max. torque (ECE R 120) ¹	Nm	406	366	334	309
Viscous fan		●	●	●	●
Max. fuel tank capacity	l	90	90	90	90
Oil-change interval	h	500	500	500	500

Transmission					
30 km/h Getriebe		–	□	□	□
12F/12R with mechanical reverser		–	●	●	●
Min. speed at 2200 rpm	km/h	–	1.4	1.4	1.4
Max. speed	km/h	–	30	30	30
40 km/h transmission		●	□	□	□
24F/24R with mechanical reverser and splitter		–	○	○	○
24F/24R with mechanical reverser and TWINSHIFT two-stage powershift		–	○	○	○
24F/12R with REVERSHIFT electronic reverser and TWINSHIFT two-stage powershift		●	○	○	○
Min. speed at 2200 rpm	km/h	0.5	0.5	0.5	0.5
Max. speed	km/h	40	40	40	40
Gears		4	4	4	4
Ranges		3	3	3	3
Oil-change interval	h	1000	1000	1000	1000

Rear axle					
Electrohydraulically activated differential lock, rear		●	●	●	●
Differential locks front / rear (self-locking multi-disc clutch at front / dog clutch at rear)		●	●	●	●
Distance between wheel mounting faces	mm	1542	1542	1542	1542
Max. rear tyres		540/65 R 30	540/65 R 30	540/65 R 30	540/65 R 30

Road safety					
Braking system (multiple discs in oil bath and automatic 4WD activation)		●	●	●	●
Hydraulic trailer braking system		○	○	○	○

PTO					
Clutch type depending on option			Hydraulically supported/electrohydraulic		
540		●	●	●	●
540 / 540 ECO		○	○	○	○
540/1000		○	○	○	○
Ground PTO		○	○	○	○
1½" PTO stub, 6 splines		●	●	●	●

¹ Meets type approval value and ISO TR 14396

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● Standard ○ Optional □ Available – Not available

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Four-wheel drive front axle					
Electronic activation		●	●	●	●
Automatic 4-wheel drive		4WD disengaged automatically from 14 km/h			
Optimum turning radius	m	3.47	3.47	3.47	3.47
Distance between wheel mounting faces, standard axle	mm	1640	1640	1640	1640
Distance between wheel mounting faces, narrow axle (optional)	mm	1460	1460	1460	1460
Pivoting mudguards		○	○	○	○

Hydraulics					
Hydraulic pump for steering and transmission		●	●	●	●
Hydraulic output	l/min	26	26	26	26
2-pump hydraulic circuit		●	●	●	●
Hydraulic output to rear linkage and spool valves	l/min	59	59	59	59
3-pump hydraulic circuit		○	○	○	○
Hydraulic output to rear linkage	l/min	26	26	26	26
Hydraulic output to spool valves	l/min	59	59	59	59
Max. operating pressure	bar	190	190	190	190
Number of mechanical spool valves (min.–max.)		2-3	2-3	2-3	2-3
Four electronic spool valves, two controlled by ELECTROPILOT (only with 3-pump hydraulic circuit)		○	○	○	○
Flow control on electronic spool valves		●	●	●	●
Flow control on mechanical spool valves		○	○	○	○
Open return line		●	●	●	●

Rear linkage					
Max. lifting capacity at ball ends	kg	3240	3240	3240	3240
Continuous lifting power at ball ends	kg	2330	2330	2330	2330
Mechanical operation		●	●	●	●
Electronic operation		○	○	○	○
External controls		○	○	○	○

Front linkage					
Max. lifting power	t	2.80	2.80	2.80	2.80
Vibration damping		●	●	●	●
Cat II lower link hooks		●	●	●	●
Front PTO 1000		○	○	○	○
Front PTO 540 ECO		○	○	○	○

Cab					
Cab with/without glass roof		□ / □	□ / □	□ / □	□ / □
Platform		□	□	□	□
Driver's seat, mechanical suspension		●	●	●	●
Driver's seat, air suspension		○	○	○	○
Comfort seat, air suspension (only with cabs)		○	○	○	○
Steering column, tilting and telescopic height adjustment		○	○	○	○
Heating		●	●	●	●
Air conditioning		○	○	○	○
Opening front windscreen		●	●	●	●
Opening rear window		●	●	●	●
Rear window wiper		○	○	○	○
Max. number of work lights, front/rear		2 / 2	2 / 2	2 / 2	2 / 2
25 amp socket		●	●	●	●

● Standard ○ Optional □ Available – Not available

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Dimensions and weights

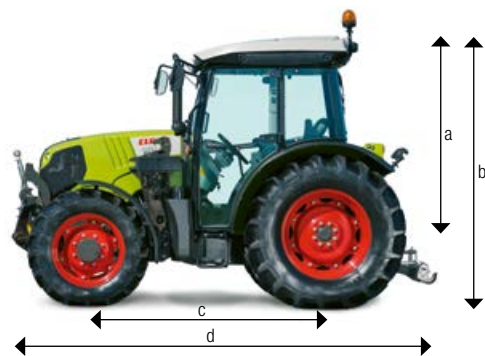
(standard tyres, four-wheel drive version, with oil and fuel, without driver)

Length (without front ballast, without front linkage) (d)	mm	3815	3815	3815	3815
Minimum external width	mm	1644	1644	1644	1644
Centre of rear axle to top of cab without glass roof (a)	mm	1734	1734	1734	1734
Overall height (b): with rear tyres 380/85 R 30					
Cab with glass roof	mm	2540	2540	2540	2540
Cab without glass roof	mm	2434	2434	2434	2434
Platform with roll bar	mm	2665	2665	2665	2665
Platform with roll bar retracted	mm	1915	1915	1915	1915
Wheelbase (c)	mm	2156	2156	2156	2156
Ground clearance, front axle (e) with front tyres 320/85 R 20	mm	350	350	350	350
Ground clearance, rear axle (without drawbar) (f) with rear tyres 420/85 R 30	mm	405	405	405	405
Weight without ballast (platform/cab)	kg	3010/3260	3010/3260	3010/3260	3010/3260
Max. permissible gross weight	kg	5100	5100	5100	5100
Max. additional front ballast without front linkage	kg	545	545	545	545

Tyres

The tyre combinations are listed by diameter, in ascending order.

Rear tyres	Front tyres				
14.9 (380/85) R 30	9.5 (250/85) R 24	□	□	□	□
16.9 (420/85) R 28	12.4 (320/85) R 20	□	□	□	□
12.4 (320/85) R 36	11.2 (280/85) R 24	□	□	□	□
	320/70 R 24	□	□	□	□
16.9 (420/85) R 30	14.9 (375/75) LR 20	□	□	□	□
	11.2 (280/85) R 24	□	□	□	□
	320/70 R 24	□	□	□	□
480/70 R 30	320/70 R 24	□	□	□	□
	11.2 (280/85) R 24	□	□	□	□
540/65 R 30	320/70 R 24	□	□	□	□
	420/65 R 20	□	□	□	□
23.1-26 ¹	550/45-22.5 ¹	□	□	□	□



¹ Turf tyres