

AXION

		950	940	930	920
Engine					
Manufacturer		FPT	FPT	FPT	FPT
Number of cylinders/intake		6/TI	6/TI	6/TI	6/TI
Cubic capacity	cm³	8710	8710	8710	8710
Nominal engine speed	rpm	2150	2150	2150	2150
Output at nominal engine speed (97/68/EC) ¹	kW/hp	306/416	282/383	259/353	236/321
Output at nominal engine speed (ECE R 120) ²	kW/hp	298/405	276/375	254/345	232/315
Max. output (ECE R 120) ²	kW/hp	302/410	279/380	257/350	235/320
Output at nominal engine speed (ECE R 24)	kW/hp	272/370	250/340	228/310	206/280
Max. output (ECE R 24)	kW/hp	287/390	265/360	243/330	221/300
Constant output range	rpm	1800 - 2150	1800 - 2150	1800 - 2150	1800 - 2150
Engine speed at max. torque	rpm	1200 - 1600	1200 - 1600	1100 - 1600	1100 - 1600
Max. torque (ECE R 120) ²	Nm	1650	1550	1450	1350
Max. torque (ECE R 24)	Nm	1600	1500	1400	1300
Air filter dust aspiration		●	●	●	●
Fuel tank capacity	l	700	700	700	700
Oil change interval	h	600	600	600	600
CMATIC transmission					
CMATIC infinitely variable transmission		●	●	●	●
Ground speed (min./max.) 40 km/h version	km/h	0.05/40	0.05/40	0.05/40	0.05/40
Ground speed (min./max.) 50 km/h version	km/h	0.05/50	0.05/50	0.05/50	0.05/50
REVERSHIFT clutchless reverser		●	●	●	●
Rear axle					
Flanged axle		—	—	●	●
Quick-release axle		●	●	○	○
Electrohydraulically activated differential locks		●	●	●	●
Automatic differential lock		●	●	●	●
Max. rear tyres		900/60 R 42	900/60 R 42	900/60 R 42	900/60 R 42
Oil change interval	h	1200	1200	1200	1200
PTO					
Remote control engagement and emergency stop		●	●	●	●
1000		●	●	●	●
540 ECO / 1000		○	○	○	○
1000 / 1000 ECO		○	○	○	○
Changeable PTO shaft stub		●	●	●	●
PTO shaft stub: 1¾" with 6, 8 or 21 splines and 1¾" with 20 splines		■	■	■	■

● Standard ○ Optional ■ Available — Not available

¹ Performance data fit criteria for admissibility. Performance as per 97/68/EC is identical to 2000/25/EC. ² Meets ISO TR 14396

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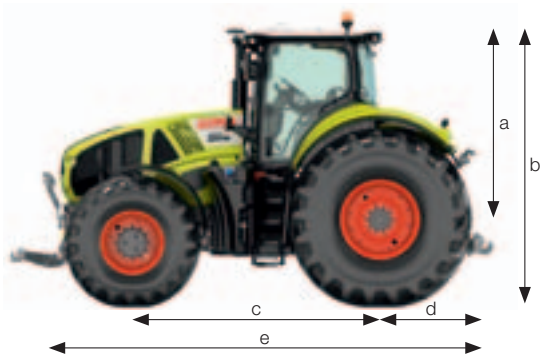
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4-wheel drive front axle					
Max. steering angle	Degrees	50	50	50	50
Castor angle	Degrees	5	5	5	5
Angle of oscillation	Degrees	8	8	8	8
Turning radius	m	6.8	6.8	6.8	6.8
Track	mm	2190	2190	2190	2190
with tyres		600/70 R 30	600/70 R 30	600/70 R 30	600/70 R 30
PROACTIV suspended and braked front axle		○	○	○	○
Differential lock with multi-disc clutch		●	●	●	●
Designed for dual tyres		●	●	●	●
Pivoting mudguards		●	●	●	●
Hydraulics					
Output at nominal speed, standard (option)	l/min	150 (220)	150 (220)	150 (220)	150 (220)
Max. operating pressure	bar	200	200	200	200
Number of auxiliary spool valves (min./max.)		3–8	3–8	3–8	3–8
ELECTROPILOT 4-way control		○	○	○	○
Rear linkage					
Max. lifting power at ball ends	kg	11250	11250	10950	10950
Continuous lifting power at 610 mm	kg	7690	7690	7520	7520
Lifting range	mm	1060	1060	1060	1060
Category		Cat. III/IV	Cat. III/IV	Cat. III/IV	Cat. III/IV
Vibration damping		●	●	●	●
Active slip control		●	●	●	●
Front linkage					
Max. lifting power	t	6.5 or 5.0	6.5 or 5.0	6.5 or 5.0	6.5 or 5.0
Front PTO rpm		○	○	○	○
Vibration damping		●	●	●	●
External operation		●	●	●	●
Hydraulic connections		○	○	○	○
Trailer socket and ISOBUS		○	○	○	○
Cab					
4-point suspension		●	●	●	●
Multifunction armrest		●	●	●	●
Automatic climate control		○	○	○	○
Passenger seat		●	●	●	●
Cooler compartment		●	●	●	●

● Standard ○ Optional ■ Available — Not available

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Dimensions and weights					
(standard tyres, with oil and fuel, without driver)					
Rear wheels		710/85 R 38	710/85 R 38	710/85 R 38	710/85 R 38
Front wheels		620/75 R 30	620/75 R 30	620/75 R 30	620/75 R 30
Length (with front linkage folded and attachment device) (e)	mm	5590	5590	5590	5590
Centre of rear axle to top of cab (a)	mm	2427	2427	2427	2427
Overall height (b)	mm	3452	3452	3452	3452
Wheelbase (c)	mm	3150	3150	3150	3150
Rear axle to cat. IV lower link (d)	mm	1438	1438	1438	1438
Ground clearance, front axle (f)	mm	647	647	647	647
Ground clearance, rear axle (excl. drawbar) (g)	mm	611	611	611	611
Weight without ballast	kg	13060	13060	12840	12840
Max. front ballast with front linkage	kg	2600	2600	2600	2600
Weight distribution with front linkage, without ballast (rear/front)	%	56/44	56/44	55/45	55/45
Max. permissible total weight (40/50 km/h versions)	kg	18000	18000	18000	18000

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Tyres					
(standard axle or sprung front axle)					
Rear tyres	Front tyres				
650/65 R 42 ¹	540/65 R 30 ¹	■	■	■	■
650/85 R 38	600/70 R 30	■	■	■	■
710/70 R 42	600/70 R 30	■	■	■	■
800/70 R 38	600/70 R 30	■	■	■	■
800/70 R 38	710/60 R 30	■	■	■	■
710/75 R 42	620/75 R 30	■	■	■	■
710/75 R 42	650/75 R 30	■	■	■	■
710/75 R 42	600/70 R 34	■	■	■	■
710/75 R 42	650/65 R 34	■	■	■	■
710/85 R 38	620/75 R 30	■	■	■	■
710/85 R 38	650/75 R 30	■	■	■	■
900/60 R 42	710/60 R 34	■	■	■	■



● Standard ○ Optional ■ Available — Not available ¹ Tyres with industrial tread