

AXION		960 TERRA TRAC	960	950	940	930 TERRA TRAC	930	920
Engine								
Manufacturer		FPT	FPT	FPT	FPT	FPT	FPT	FPT
Number of cylinders		6	6	6	6	6	6	6
Cubic capacity	cm ³	8710	8710	8710	8710	8710	8710	8710
Variable geometry turbo		●	●	●	●	●	●	●
Rated output (ECE R 120) ¹	kW/hp	323/440	323/440	298/405	280/380	257/350	257/350	235/320
Max. output (ECE R 120) ¹	kW/hp	327/445	327/445	301/410	283/385	261/355	261/355	239/325
Engine speed at maximum output	rpm	1800	1800	1800	1800	1800	1800	1800
Rated output type approval value ²	kW/hp	330/449	330/449	301/409	283/385	258/351	258/351	233/317
Max. output type approval value ²	kW/hp	332/452	332/452	308/419	290/394	265/360	265/360	240/326
Max. torque	Nm	1860	1860	1820	1770	1695	1695	1600
Engine speed at max. torque	rpm	1400	1400	1400	1400	1400	1400	1400
Max. fuel tank capacity	l	860	640	640	640	860	640	640
Oil-change interval	h	600	600	600	600	600	600	600

CMATIC continuously variable transmission

REVERSHIFT clutchless reverser		●	●	●	●	●	●	●
Min. speed at rated engine speed	km/h	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Max. speed	km/h	40	40/50	40/50	40/50	40	40/50	40/50

Rear axle

Max. diameter of rear tyres	m	–	2.20	2.20	2.20	–	2.20	2.20
Widest rear tyres		–	900/60 R 42	900/60 R 42	900/60 R 42	–	900/60 R 42	900/60 R 42
Flanged axle		–	–	–	–	–	●	●
Quick-release axle 2.5 or 3.5 m wide		–	●	●	●	–	○	○
Width of crawler track units 635 or 735 mm		●	–	–	–	●	–	–
Automatic differential lock		●	●	●	●	●	●	●
Park-lock		●	●	●	●	●	●	●
Oil-change interval	h	1200	1200	1200	1200	1200	1200	1200

PTO

External operation of engagement and emergency stop		●	●	●	●	●	●	●
1000	rpm	●	●	●	●	●	●	●
540 ECO / 1000	rpm	○	○	○	○	○	○	○
1000 / 1000 ECO	rpm	○	○	○	○	○	○	○
PTO stub 1½", 6, 8 or 21 splines, and 1¾", 6 or 20 splines		□	□	□	□	□	□	□

Four-wheel drive front axle

Rigid front axle		–	●	●	●	–	●	●
PROACTIV front axle suspension		●	○	○	○	●	○	○
Automatic 4-wheel drive		●	●	●	●	●	●	●
Optimum turning radius	m	7.75	6.96	6.96	6.96	7.75	6.96	6.96

Hydraulics

Load-sensing circuit		●	●	●	●	●	●	●
Max. output, standard (option)	l/min	150 (220)	150 (220)	150 (220)	150 (220)	150 (220)	150 (220)	150 (220)
Number of electronic spool valves in CIS+ version		–	3-6	3-6	3-6	–	3-6	3-6
Number of electronic spool valves in CEBIS version		4-8	3–8	3–8	3–8	4-8	3–8	3–8

¹ Meets ISO TR 14396

² Performance data fit criteria for admissibility.

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Rear linkage								
Max. lifting capacity at ball ends	kg	10500	11250	11250	11250	10500	10950	10950
Continuous lifting power at ball ends	kg	7690	7690	7690	7690	7520	7520	7520
Cat. III hook		●	●	●	●	●	●	●
Cat. IV hook		○	○	○	○	○	○	○
Vibration damping		●	●	●	●	●	●	●
External controls		●	●	●	●	●	●	●
Active wheel slip control		○	○	○	○	○	○	○

Front linkage

Max. lifting capacity at ball ends with 5 t model	kg	5185	5185	5185	5185	5185	5185	5185
Max. lifting capacity at ball ends with 6.5 t model	kg	6513	6513	6513	6513	6513	6513	6513
Cat. III hook		●	●	●	●	●	●	●
Vibration damping		●	●	●	●	●	●	●
Position control		○	○	○	○	○	○	○
External controls for front linkage		○	○	○	○	○	○	○
Front PTO		○	○	○	○	○	○	○
Four additional hydraulic connections and one free-flow return line		○	○	○	○	○	○	○
External controls for additional connections		○	○	○	○	○	○	○
ISOBUS and trailer socket		○	○	○	○	○	○	○

Cab

CIS+ version		–	●	●	●	–	●	●
CEBIS version		○	○	○	○	○	○	○
Air conditioning		●	●	●	●	●	●	●
Automatic climate control		○	○	○	○	○	○	○
Passenger seat with integral cool box		●	●	●	●	●	●	●

Data management and operator assistance systems

CEMOS		–	○	○	○	–	○	○
CSM headland management		●	○	○	○	●	○	○
ISOBUS and ICT		○	○	○	○	○	○	○
GPS PILOT ready		○	○	○	○	○	○	○
GPS PILOT steering system		○	○	○	○	○	○	○
TELEMATICS		●	●	●	●	●	●	●

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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

Standard equipment

Height: centre of rear axle to cab roof (a)	mm	2427	2427	2427	2427	2427	2427	2427
Length: front linkage folded, cat. IV rear lower links (b)	mm	6248	5744	5744	5744	6248	5744	5744
Wheelbase (c)	mm	2950	3150	3150	3150	2950	3150	3150
Weight	kg	16200	13000-14000	13000-14000	13000-14000	16200	12500-13500	12500-13500

