

XERION

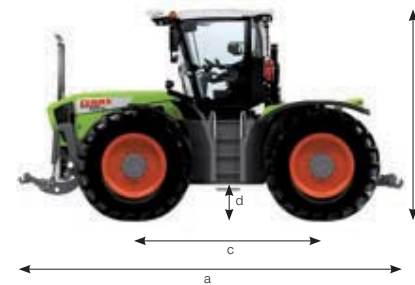
	3800 TRAC / TRAC VC	3300 TRAC / TRAC VC
Engine		
Caterpillar 6-cylinder engine, turbocharger, charge-air cooler	●	●
Cubic capacity	cm ³ 8804	8804
Nominal engine speed	rpm 2100	2100
Rated output at 2100 rpm as per ECE R 24	kW/hp 253/344	224/305
Rated output at 2100 rpm as per ECE R 120 ¹	kW/hp 268/364	246/335
Max. output at engine speed as per ECE R 24	kW/hp at rpm 279/379 at 1800	246/335 at 1600 to 1800
Max. output at engine speed as per ECE R 120 ¹	kW/hp at rpm 285/388 at 1800	266/362 at 1600 to 1800
Max. torque at engine speed	Nm at rpm 1620 at 1400	1500 at 1500
Fuel tank capacity	l 620	620
Transmission		
ZF-ECCOM 3.5	●	●
Infinitely variable CVT transmission	●	●
Max. speed in both directions	km/h 50	50
Rear PTO at 1000 rpm, PTO shaft stub	1¾" (20 splines and 6 splines)	1¾" (20 splines and 6 splines)
Longitudinal differential	100% lockable, lamella construction	100% lockable, lamella construction
Powered steered axles		
Differential locks	100% lockable, electrohydraulic actuation, lamella construction, with automatic function	
Running gear		
TRAC concept	Four large, equal-sized wheels	Four large, equal-sized wheels
Steering	All-wheel steering, front-wheel/rear-wheel steering, crab steering	
Weight distribution (front)	% 53	53
Weight distribution (rear)	% 47	47
Ballasting at 50 km/h (varies according to applicable national regulations)	t up to 18	up to 18
Brakes		
Service brake	Hydraulically actuated wet multi-disc brakes, auxiliary power reinforced, acting on all wheels	
Parking brake	Electrohydraulically disengaged spring-loaded brake	
Hydraulic system		
Max. hydraulic tank capacity	l 130	130
Max. drawable volume	l 80	80
Main circuit (linkage, auxiliary spool valves)		
Max. operating pressure	MPa/bar 20/200	20/200
Max. flow rate	l/min 190	190
Max. number of auxiliary spool valves	5	5
Max. flow rate per disc	l/min 110	110
Max. hydraulic output	kW 45	45
Power hydraulic system (optional)		
Operating pressure	bar 260	260
Max. flow rate at rated speed 2100 rpm	l/min 235	235
Max. power output (at min. 1200 rpm)	kW 90	90

● Standard

¹ Performance data fit criteria for admissibility. Performance as per ECE R 120 corresponds to 97/68/EG and ISO TR 14396.

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Connection unit		
Automatic hitch, D38 bolts, spherical	kg 2000	2000
Hitch with hitch ball, ball system 80	kg 3000	3000
Headstock, Piton Fix	kg 3000	3000
Headstock with ball system 80	kg 4000	4000
Drawbar, short, D33, D40, D50 bolts	kg 3000	3000
Drawbar with ball system 80	kg 3500	3500
Hitch ball behind cab, 110 mm	kg 15,000	15,000
CUNA D3, 50 mm	kg 2500	2500
Front linkage		
Lift capacity	Category III N, dual-acting	
Continuous	kN 70	70
Maximum	kN 80	80
Lifting range	mm 841	841
Shifting function	Raising, lowering, float position	
Rear linkage		
Lift capacity	Category IV N, dual-acting	
Continuous	kN 115	115
Maximum	kN 117	117
Lifting range	mm 756	756
Shifting function	Raising, lowering (pressing), float position	
Control function	Locational/tractional resistance, vibration damping	
Dimensions and weights		
Overall length without front weights (a)	mm 6630	6630
Overall width	mm min. 2490	min. 2490
Overall height, depending on tyres (b)	mm 3720	3720
Wheelbase (c)	mm 3300	3300
Ground clearance, depending on equipment (d)	32" wheel diameter, 470 mm; 42" wheel diameter, 570 mm	
Extremely small turning circle	m 12	12
Tare weight (without tyres)	kg 10,200	10,200



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