

XERION		5000	4500	4000
--------	--	------	------	------

#### Engine

Engine		Perkins	Perkins	Perkins
Cubic capacity	cm <sup>3</sup>	12500	12500	12500
Nominal engine speed	rpm	2000	2000	2000
Lower engine idling speed	rpm	800	800	800
Upper engine idling speed	rpm	2080	2080	2080
Rated output (ECE R 120) <sup>1</sup>	kW/hp	358/487 at 2000 rpm	330/449 at 2000 rpm	295/401 at 2000 U/min
Max. output (ECE R 120) <sup>1</sup>	kW/hp	385/524 at 1800 rpm	355/483 at 1800 rpm	317/431 at 2000 rpm
Max. torque (ECE R 120) <sup>1</sup>	Nm	2353 at 1400 rpm	2203 at 1400 rpm	1932 at 1400 rpm
Fuel tank capacity	l	1000	1000	1000

#### Electrical system

AC generator	AV	100 / 24 + 135 / 12	100 / 24 + 135 / 12	100 / 24 + 135 / 12
Batteries	Ah/V	3 x 100 Ah, total 100 / 24, 100 / 12	3 x 100 Ah, total 100 / 24, 100 / 12	3 x 100 Ah, total 100 / 24, 100 / 12

#### Transmission

Transmission		Eccom 4.5/5.0	Eccom 4.5/5.0	Eccom 4.5/5.0
Transmission type		Hydrostatic-mechanical split-power	Hydrostatic-mechanical split-power	Hydrostatic-mechanical split-power
Output		Permanent all-wheel drive	Permanent all-wheel drive	Permanent all-wheel drive
Longitudinal differential		100% lockable, lamella construction	100% lockable, lamella construction	100% lockable, lamella construction

#### Powered steering axles

Differential locks		100% lockable, electrohydraulic actuation, lamella construction, with automatic function	100% lockable, electrohydraulic actuation, lamella construction, with automatic function	100% lockable, electrohydraulic actuation, lamella construction, with automatic function
--------------------	--	--	--	--

#### Brakes

Service brake		Hydraulically actuated wet multi-disc brakes, auxiliary-power-reinforced, acting on all wheels	Hydraulically actuated wet multi-disc brakes, auxiliary-power-reinforced, acting on all wheels	Hydraulically actuated wet multi-disc brakes, auxiliary-power-reinforced, acting on all wheels
Parking brake		Electrohydraulically released spring-loaded brake	Electrohydraulically released spring-loaded brake	Electrohydraulically released spring-loaded brake

#### Hydraulic system

Max. hydraulic tank capacity	l	120	120	120
Max. drawable volume	l	80	80	80

<sup>1</sup> Identical to ISO TR 14396

XERION		5000 / 4500 / 4000
--------	--	--------------------

#### Main circuit (linkage, spool valves)

Max. operating pressure	Mpa (bar)	20 (200)
Max. flow rate	l/min	205
Number of spool valves		Max. 7 rear, max. 3 front
Max. flow rate per disc	l/min	105
Max. hydraulic output, total	kW	61

#### Power hydraulics (optional)

Operating pressure	Mpa (bar)	26 (260)
Max. flow rate	l/min	224 at 2000 rpm
Max. hydraulic output, total	kW	90

#### Hitch type

Automatic hitch, D38 pin, spherical	kg	Drawbar load 2000
Hitch with hitch ball, ball system 80	kg	Drawbar load 4000
D40, D50 variable drawbar + Piton Fix	kg	Drawbar load 4000
Drawbar with ball system 80	kg	Drawbar load 4000
Hitch ball, 110 mm	kg	Drawbar load max. 15000

#### Front linkage

Category		III N, double-acting
Continuous lift capacity / max. lift capacity / max. lift range	mm	81 kN / 84 kN / 905
Selectable function		Raise, lower (press)
Control function		Position control, vibration damping

#### Rear linkage

Category		IV N, double-acting
Continuous lift capacity / max. lift capacity / max. lift range	mm	100 kN / 136 kN / 763
Selectable function		Raise, lower (press)
Control function		Position control/draught resistance, vibration damping

#### Dimensions and weights

Overall length including linkages	mm	7493
Overall width	mm	Min. 2490 to 3300
Overall height depending on tyres	mm	3651 to 3801
Wheelbase	mm	3500
Ground clearance depending on equipment	mm	375 to 525
Smallest turning circle	m	15
Tare weight (full fuel tank, with driver)	kg	17230

CLAAS continually develops its products to meet customer requirements. This means that all products are subject to change without notice. All descriptions and specifications in this brochure should be considered approximate and may include optional equipment that is not part of the standard specifications. This brochure is designed for worldwide use. Please refer to your nearest CLAAS dealer and their price list for local specification details. Some protective panels may have been removed for photographic purposes in order to present the function clearly. To avoid any risk of danger, never remove these protective panels yourself. In this respect, please refer to the relevant instructions in the operator's manual. 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.

Fit for the road.

