

AVERO		240	160
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Threshing system

APS acceleration and pre-separation		●	–
Accelerator rpm		80% of the threshing drum	–
MULTICROP		●	●
Threshing drum width	mm	1060	1060
Threshing drum diameter	mm	450	450
Threshing drum speed 650-1500	rpm	●	●
Threshing drum speed 500-1400	rpm	●	●
Speed reduction threshing drum	rpm	300, 430, 550	300, 430, 550
Preconcave wrap angle	degrees	60	–
Threshing concave wrap angle	degrees	151	117
Preconcave flaps foldable from outside		●	–
Concave adjustment from the cab, 1 lever, proportional adjustment of both concaves		●	–
Concave adjustment from the cab, 1 lever, proportional adjustment		–	●
Large stone trap		●	●

Residual grain separation

Straw walkers	No.	4	4
Straw walker steps	No.	4	4
Length of straw walkers	mm	3900	3900
Straw walker area	m ²	4.13	4.13
Separation area	m ²	4.8	4.8
1 intensive separation system		●	●

Crop cleaning

Preparation floor, removable		●	●
Fan		Rotary fan	Rotary fan
Fan adjustment, electric		●	●
Divided, counterdirectional sieve pan		●	●
3D cleaning system		○	○
Sieves		2-track	2-track
Total sieve area	m ²	3.00	3.00
Chaffer sieve		●	●
Returns feed to threshing system		●	●
Returns visible from the cab on the go		●	●

Grain tank

Capacity	l	5600	4200
Unloading auger swivel angle	degrees	101	101
Unloading rate	l/s	51	51

Chopper

STANDARD CUT chopper, 40 knives		●	●
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Engine

Emissions standard Stage V			
Manufacturer		Cummins	Cummins
Exhaust aftertreatment SCR and DPF		●	●
Model		B6.7	B6.7
Cylinders / displacement	No./l	S 6/6.7	S 6/6.7
Maximum output (ECE R 120)	kW/hp	157/213	123/167
Urea tank 49 l		●	●
Fuel tank capacity	l	400	400
Emissions standard Stage IIIA (Tier 3)			
Manufacturer		Perkins	Perkins
Model		1106 D-E70TA	1106 D-E70TA
Cylinders / displacement	No./l	S 6/7.0	S 6/7.0
Maximum output (ECE R 120)	kW/hp	151/205	116/158

Weights

Without cutterbar, chopper ¹		8700	8250
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¹ Can vary according to equipment

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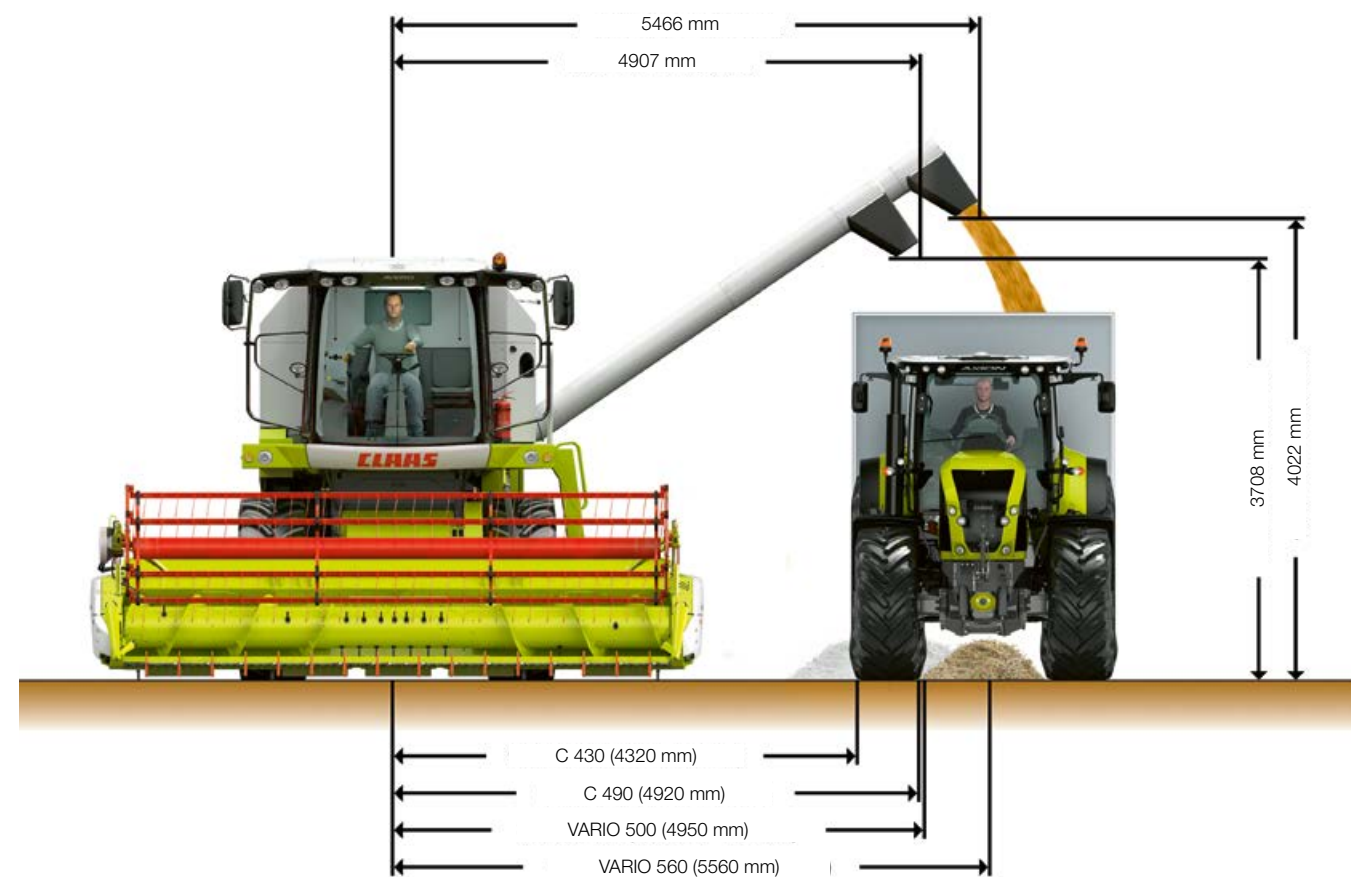
Tyres on the drive axle

Threshing system width	mm	1060	1060
Tyre size		External width	
23.1-26 12 PR R1 KB F20	m	3.03	3.03
23.1-26 12 PR R1 KB F16	m	2.82	2.82
620/75 R 26	m	3.03	3.03
620/75 R 30	m	2.96	2.96
650/75 R 32	m	2.98	2.98
750/65 R 26	m	3.14	3.14
800/65 R 32	m	3.28	3.28

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Tyres on the steering axle

Threshing system width	mm	1060	1060
Tyre size		External width	
12.5/80-18	m	2.68	2.68
14.5/75-20	m	2.71	2.71
440/65 R 24	m	2.93	2.93
500/60-22.5	m	2.89	2.89



As CLAAS continually develops its products to meet customers' requirements, 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 consult 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 hazards, never remove these protective panels yourself. Please refer to the relevant instructions in the operator's manual in this regard. 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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Front attachments

VARIO cutterbars		VARIO 620, VARIO 560, VARIO 500	VARIO 560, VARIO 500
CERIO cutterbars		CERIO 620, CERIO 560	CERIO 560
Standard cutterbars		C 490, C 430, C 370	C 490, C 430, C 370
Rapeseed equipment		For all VARIO cutterbars	
Folding cutterbars		C 450	–
CORIO		575 C, 570 C, 475 C, 470 C	575 C, 570 C, 475 C, 470 C
SUNSPPEED		8-70, 8-75	8-70, 8-75

Standard cutterbars

Effective cutting widths	m	C 490 (4.92 m), C 430 (4.32 m), C 370 (3.71 m)	C 490 (4.92 m), C 430 (4.32 m), C 370 (3.71 m)
Folding dividers		●	●
Spacing of knife bar to intake auger (min. / max)	mm	580	580
Cutting frequency	strokes/min	1120	1120
Multifinger intake auger		●	●
Reverser, hydraulic		●	●
Reel speed adjustment, electrohydraulic		●	●
Reel height adjustment, electrohydraulic		●	●
Horizontal reel adjustment, electrohydraulic		●	●
Automated cutterbar control			
CONTOUR		●	●
AUTO CONTOUR		○	○

VARIO cutterbars

Effective cutting widths	m	VARIO 620 (6.17 m), VARIO 560 (5.56 m), VARIO 500 (4.95 m)	VARIO 560 (5.56 m), VARIO 500 (4.95 m)
Folding dividers		●	●
Spacing: knife bar – intake auger	mm	493 / 1134	493 / 1134
Multifinger intake auger		●	●
Reverser, hydraulic		●	●
Reel drive, hydrostatic	rpm	8-60	8-60
Reel speed adjustment, electrohydraulic		●	●
Reel height adjustment, electrohydraulic		●	●
Horizontal reel adjustment, electrohydraulic		●	●
Automated cutterbar control			
CONTOUR		●	●
AUTO CONTOUR		● (○ for V500)	● (○ for V500)