

LEXION		670/670 TERRA TRAC	650
Threshing system			
APS acceleration and pre-separation		●	●
MULTICROP		●	●
Drum width	mm	1700	1700
Drum diameter	mm	600	600
Drum speed	rpm	395-1150	395-1150
with reduction gear	rpm	166-483	166-483
Rasp bar threshing drum		●	●
Closed rasp bar threshing drum		○	○
7/18 concave		○	○
Concave wrap angle	degrees	142	142
Main concave area	m ²	1.26	1.26
Concave adjustment, electrohydraulic, with overload protection		●	●
Synchronised accelerator and impeller		●	●
Automatic drum variator tensioner		●	●
Large stone trap		●	●
Rice threshing unit		–	–
Residual grain separation			
Straw walkers	No.	6	6
Straw walker length	m	4.40	4.40
Straw walker area	m ²	7.48	7.48
Separation area	m ²	9.85	9.85
MULTIFINGER SEPARATION SYSTEM		●	●
Crop cleaning			
Plastic preparation floor (divided, removable from the front)		●	●
Fan		6-turbine	6-turbine
Fan adjustment, electric		●	●
Dual ventilated step		●	●
Divided, counterdirectional sieve pan		●	●
3D-cleaning system		○	○
Total sieve area	m ²	5.80	5.80
Sieve adjustment, electric		●	●
Returns feed to accelerator		●	●
Returns visible from the cab on the go		●	●
Returns display in CEBIS		○	○
GRAINMETER		○	○
Grain tank			
Capacity (as per ANSI/ASAE S312.2)	l	11000 / ○ 12000 (TERRA TRAC)	9000 / ○ 10000
Unloading auger swivel angle	degrees	101	101
Unloading rate	l/s	110 (○ 130)	110
QUANTIMETER yield meter		○	○
Automatic chain lubrication for grain tank unloading		○	○

● Standard ○ Option □ Available – Not available

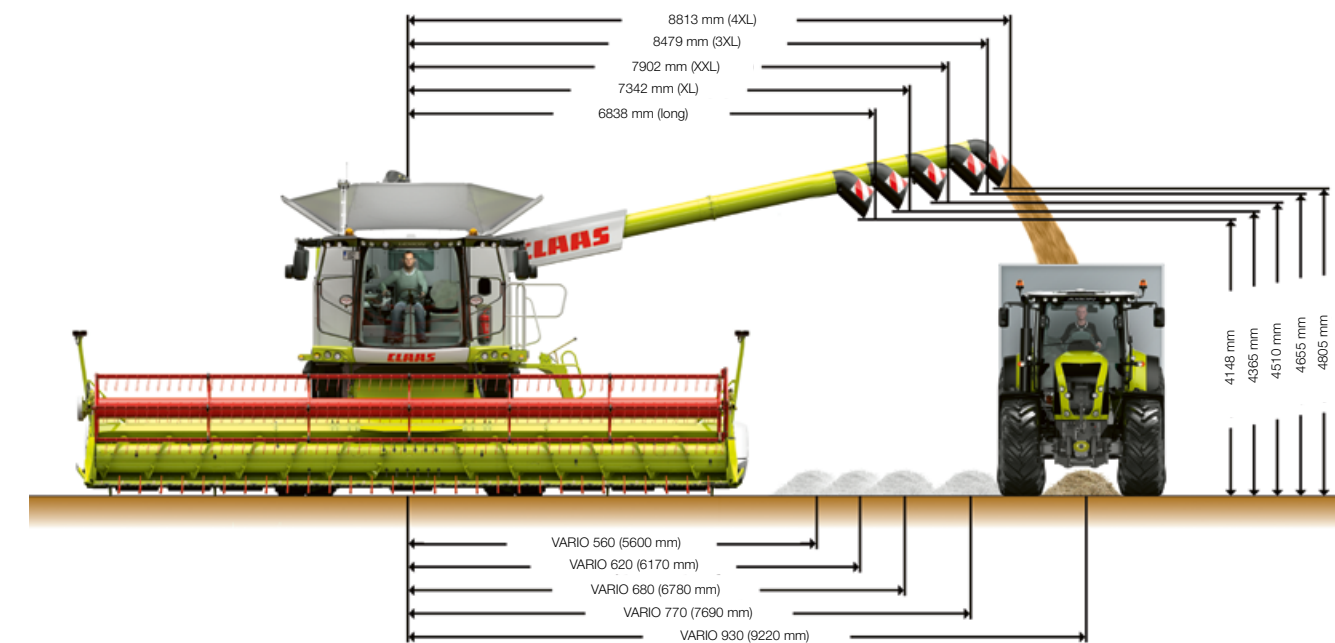
LEXION		670/670 TERRA TRAC	650
Chopper			
SPECIAL CUT 88-blade straw chopper		○	○
Hydraulic adjustment of static knife and grating element		○	○
Hydraulic changeover from cab (road travel, swathing, chopping)		○	○
STANDARD CUT 64-blade chopper		○	○
Power spreader		○	○
Chaff spreader		○	○
Chaff fan with power spreader		○	○
Automatic discharge direction adjustment		○	○
Running gear			
TERRA TRAC crawler tracks with hydropneumatic suspension		● (TERRA TRAC)	–
POWER TRAC		○	○
30 km/h		○	–
Car-like driving characteristics		●	–
Engine			
Manufacturer		Perkins	Perkins
Model		2206 D	1506 D
Cylinders / displacement	No./l	S 6/12.5	S 6/8.8
Engine control		Electronic	Electronic
Maximum output (ECE R 120)	kW/hp	308/419	251/341
Emissions standard Stage IIIA (Tier 3)		●	●
Fuel consumption measurement		○	○
Fuel tank capacity	l	800	800
Business and data management			
TELEMATICS (professional, advanced, basic)		●	●
Job management		○	○
Yield mapping		○	○
Operator assistance systems			
CEMOS DIALOG		○	○
CRUISE PILOT		○	○
GPS PILOT, LASER PILOT, AUTO PILOT		○	○
AUTO CLEANING, AUTO SLOPE		○	○
AUTO CROP FLOW		○	○
Weights			
(can vary depending on equipment)	kg	14900	14900
Wheeled machine without front attachment, straw chopper and chaff spreader, full fuel tank			

● Standard ○ Option □ Available – Not available

LEXION		670	650
Tyres on the drive axle			
Tyre size	ø cat.	External width	
900/60/R 32	m	1.95	3.90
IF800/70 R 32 MI	m	1.95	3.78
800/70 R 32 CHO	m	1.95	3.78
800/70 R 32	m	1.95	3.78
710/75 R 34 MI	m	1.95	3.65
IF680/85 R 32 MI	m	1.95	3.50
680/85 R 32	m	1.95	3.50
800/65 R 32	m	1.85	3.86
650/75 R 32	m	1.85	3.49
TERRA TRAC 635 mm	m	–	3.49
TERRA TRAC 735 mm	m	–	3.79
TERRA TRAC 890 mm	m	–	3.99

LEXION		670	650
Tyres on the steering axle			
Tyre size	ø cat.	External width	
600/65 R 28 IMP	m	1.50	3.80
VF520/80 R 26 MI	m	1.50	3.49
500/85 R 24 IMP	m	1.50	3.50
600/55-26.5 IMP	m	1.35	3.80
500/70 R 24 IMP	m	1.35	3.49
16.5/85-24 IMP	m	1.35	–

More height and reach for easy offloading.



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● Standard ○ Option □ Available – Not available



Cutterbars		
Front attachments		
VARIO cutterbars		VARIO 1230 ¹ , VARIO 1080, VARIO 930, VARIO 770, VARIO 680, VARIO 620, VARIO 560
CERIO cutterbars		CERIO 930, CERIO 770, CERIO 680, CERIO 620, CERIO 560
CONVIO FLEX / CONVIO		CONVIO FLEX 1230 ¹ , CONVIO FLEX 1080, CONVIO 1230 ¹ , CONVIO 1080
Rapeseed attachments		For all standard and VARIO cutterbars, not available for CERIO cutterbars
Folding cutterbars		C 540, C 450
CORIO CONSPEED / CORIO	rows	6, 8
SUNSPEED	rows	12, 16
MAXFLEX		MAXFLEX 930, MAXFLEX 770, MAXFLEX 620, MAXFLEX 560
VARIO rice cutterbars		Available as HD version with rice harvesting accessory pack
CERIO rice cutterbars		Available as HD version with rice harvesting accessory pack
SWATH UP		SWATH UP 450
Variable speed drive front attachment (electrohydraulic)	rpm	284-420
Front attachment step drive	rpm	332, 420
Instant cutterbar brake		○

Standard cutterbars		
Effective cutting widths		CERIO 930 (9.22 m), CERIO 770 (7.70 m), CERIO 680 (6.78 m), CERIO 620 (6.17 m), CERIO 560 (5.56 m)
Drive		Single-side gear drive
Folding dividers		●
Spacing: knife bar – intake auger	mm	490-680, manually adjustable
Cutting frequency	strokes/min	1218
Multifinger intake auger		●
Reverser, hydraulic		●
Automated cutterbar control		
CONTOUR		●
AUTO CONTOUR		○
Reel speed control		●
Reel height adjustment		●
Parked position		●
Automatic operating position		●
Replacement knife bar		●
Crop lifters		●

¹ Only for LEXION 670 TERRA TRAC

Cutterbars			
VARIO cutterbars			
Effective cutting widths		VARIO 1230 (12.27 m), VARIO 1080 (10.74 m)	VARIO 930 (9.22 m), VARIO 770 (7.70 m)
Drive		Synchronised gear drives on both sides	Single-side gear drive
Folding dividers		●	●
Spacing: knife bar – intake auger	mm	490-1135, 700 mm continuously adjustable travel range	490-1135, 700 mm continuously adjustable travel range
Knife bar		Divided, synchronised drive on both sides	Undivided
Cutting frequency	strokes/min	1218	1218
Reel and auger bearing		Divided reel and intake auger with central bearing	Undivided reel and auger
Intake auger diameter		660	660
Automated cutterbar control			
CONTOUR		○	●
AUTO CONTOUR		●	○
Reel speed control		●	●
Reel height adjustment		●	●
Reel levelling system		●	●
Table positioning		●	●
Parked position		–	○
Replacement knife bar		●	●
Crop lifters		●	●