

LEXION		670/ 670 TERRA TRAC/ 670 MONTANA	660 / 660 TERRA TRAC	650	630/ 630 MONTANA	620
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Threshing system

APS acceleration and pre-separation		●	●	●	●	●
MULTICROP		●	●	●	●	●
Drum width	mm	1700	1700	1700	1420	1420
Drum diameter	mm	600	600	600	600	600
Drum speed	rpm	395-1150	395-1150	395-1150	395-1150	395-1150
with reduction gear	rpm	166-483	166-483	166-483	166-483	166-483
Rasp bar threshing drum		●	●	●	●	●
Closed rasp bar threshing drum		○	○	○	○	○
7/18 concave		○	○	○	○	○
Concave wrap angle	degrees	142	142	142	142	142
Main concave area	m ²	1.26	1.26	1.26	1.06	1.06
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	6	5	5
Straw walker length	m	4.40	4.40	4.40	4.40	4.40
Straw walker area	m ²	7.48	7.48	7.48	6.25	6.25
Separation area	m ²	9.85	9.85	9.85	8.23	8.23

MULTIFINGER SEPARATION SYSTEM

		●	●	●	●	●
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Crop cleaning

Plastic preparation floor (divided, removable from the front)		●	●	●	●	●
Fan		6-turbine	6-turbine	6-turbine	4-turbine	4-turbine
Fan adjustment, electric		●	●	●	●	●
Dual ventilated step		●	●	●	●	●
Divided, counterdirectional sieve pan		●	●	●	●	●
3D-cleaning system		○	○	○	○	○
Total sieve area	m ²	5.80	5.80	5.80	4.80	4.80
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	12000 (TERRA TRAC) / 11000 / 10000 (MONTANA)	10000 / ○ 11000	9000 / ○ 10000	9000	8000 / ○ 9000
Unloading auger swivel angle	degrees	101	101	101	101	101
Unloading rate	l/s	110 (○ 130)	110 (○ 130)	110	80 (○ 110)	80 (○ 110)
QUANTIMETER yield meter		○	○	○	○	○
Automatic chain lubrication for grain tank unloading		○	○	○	○	○

● Standard ○ Option □ Available – Not available

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Chopper

SPECIAL CUT 88-blade straw chopper		○	○	○	–	–
SPECIAL CUT straw chopper, 72 knives		–	–	–	○	○
STANDARD CUT 64-blade chopper		○	○	○	–	–
STANDARD CUT 52-blade straw chopper		–	–	–	○	○
Power spreader		○	○	○	–	–
Hydraulic changeover from cab (road travel, swathing, chopping)		●	●	●	●	●
Hydraulic adjustment static knife and grating element		○	○	○	○	○
Chaff spreader		○	○	○	○	○
Chaff fan with power spreader		○	○	○	–	–
Automatic discharge direction adjustment		○	○	○	–	–

Running gear

Side slope levelling up to 17%		● (MONTANA)	–	–	● (MONTANA)	–
Longitudinal levelling up to 6%		● (MONTANA)	–	–	● (MONTANA)	–
TERRA TRAC crawler tracks with hydropneumatic suspension		● (TERRA TRAC)	● (TERRA TRAC)	–	–	–
POWER TRAC all-wheel drive		○	○	○	○	○
2-speed manual transmission		● (MONTANA)	–	–	● (MONTANA)	–
30 km/h		○	○	–	● (MONTANA)	–
Car-like driving characteristics		●	●	–	● (MONTANA)	–

Engine

Manufacturer		Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz	Mercedes-Benz
Model		OM 470 LA	OM 470 LA	OM 936 LA	OM 936 LA	OM 936 LA
Cylinders / displacement	No./l	S 6/10.7	S 6/10.7	S 6/7.7	S 6/7.7	S 6/7.7
Engine control		Electronic	Electronic	Electronic	Electronic	Electronic
Maximum output (ECE R 120)	kW/hp	320 / 435	300 / 408	260/354	260/354	230/313
Emissions standard Stage IV (Tier 4)		●	●	●	●	●
Fuel consumption measurement		○	○	○	○	○
Fuel tank capacity	l	800	800	800	800	800
Planar radiator screen cleaning		–	–	●	●	●
DYNAMIC COOLING		●	●	–	–	–

Data management

TELEMATICS		●	●	●	●	●
Job management		○	○	○	○	○
Yield mapping		○	○	○	○	○

Operator assistance systems

CRUISE PILOT		○	○	○	○	○
CEMOS AUTO THRESHING, CEMOS AUTO CLEANING, AUTO SLOPE		○	○	○	○	○
CEMOS DIALOG		○	○	○	○	○
GRAIN QUALITY CAMERA		○	○	○	○	○
AUTO CROP FLOW		○	○	○	○	○

Guidance systems

GPS PILOT, LASER PILOT, AUTO PILOT		○	○	○	○	○
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Weights

(can vary depending on equipment) Wheeled machine without front attachment, straw chopper and chaff spreader, full fuel tank	kg	15400	15400	14900	14300	14300
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● Standard ○ Option □ Available – Not available

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Tyres on the drive axle

Tyre size		ø cat.	External width				
900/60 R 32	m	1.95	3.90	3.90	3.90	3.62	3.62
IF800/70 R 32 MI	m	1.95	3.78 / 3.80	3.78	3.78	3.49	3.49
800/70 R 32 CHO	m	1.95	3.78 / –	3.78	3.78	3.49 / –	3.49
800/70 R 32	m	1.95	3.78	3.78	3.78	3.49	3.49
710/75 R 34 MI	m	1.95	3.65 / –	3.65	3.65	3.37 / –	3.37
IF680/85 R 32 MI	m	1.95	3.50	3.50	3.50	3.22 / 3.29	3.22
680/85 R 32	m	1.95	3.50 / 3.60	3.50	3.50	3.22 / 3.29	3.22
800/65 R 32	m	1.85	3.86 / –	3.86	3.86	3.58 / –	3.58
650/75 R 32	m	1.85	3.49	3.49	3.49	3.20	3.20
30.5L R 32	m	1.85	–	–	–	3.49	3.49
TERRA TRAC 635 mm	m	–	3.49	3.49	–	–	–
TERRA TRAC 735 mm	m	–	3.79	3.79	–	–	–
TERRA TRAC 890 mm	m	–	3.99	3.99	–	–	–

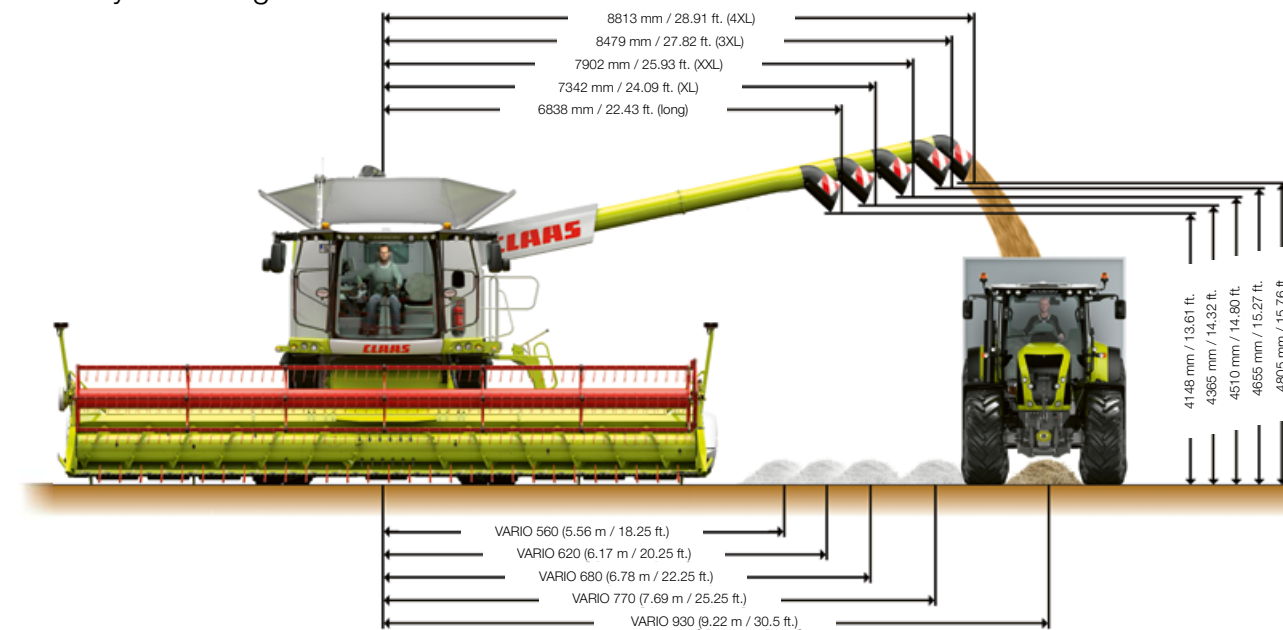
LEXION		670	670 MONTANA	660	650	630	630 MONTANA	620
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Tyres on the steering axle

Tyre size		ø cat.	External width						
600/65 R 28 IMP	m	1.50	3.80	3.80	3.80	3.80	3.49	–	3.49
VF620/70 R 26	m	1.50	–	–	–	–	3.49	–	3.49
VF520/75 R 26 MI	m	1.50	3.49	–	3.49	3.49	3.22	–	3.22
500/85 R 24 IMP	m	1.50	3.49	–	3.49	3.49	3.22	3.49	3.22
600/55-26.5 IMP	m	1.35	3.80	3.80 ¹	3.80	3.80	3.49	3.49 ¹	3.49
500/70 R 24 IMP	m	1.35	3.49	3.49	3.49	3.49	3.22	3.49	3.22

¹ Machine height greater than 4 metres

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, VARIO 500
CERIO cutterbars		CERIO 930, CERIO 770, CERIO 680, CERIO 620, CERIO 560
Rapeseed equipment		For all standard and VARIO cutterbars, not available for CERIO cutterbars
Folding cutterbars		C 540, C 450
SUNSPPEED	rows	16, 12, 8
MAXFLEX		MAXFLEX 930, MAXFLEX 770, MAXFLEX 620, MAXFLEX 560
CONVIO FLEX / CONVIO		CONVIO FLEX 1230 ¹ , CONVIO FLEX 1080, CONVIO 1230 ¹ , CONVIO 1080
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 / 660 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), VARIO 680 (6.78 m), VARIO 620 (6.17 m), VARIO 560 (5.56 m), VARIO 500 (4.95 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		●	●