

LEXION		770 / 770 TERRA TRAC	760 / 760 TERRA TRAC	750 / 750 TERRA TRAC
Threshing system				
APS acceleration and pre-separation		●	●	●
MULTICROP		●	●	●
Drum width	mm	1700	1420	1420
Drum diameter	mm	600	600	600
Drum speed	rpm	395-1150	395-1150	395-1150
with reduction gear	rpm	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
Main concave area	m²	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				
ROTO PLUS high performance rotors	No.	2	2	2
Rotor length	mm	4200	4200	4200
Rotor diameter	mm	445	445	445
Rotor sieves	No.	5	5	5
Rotor speed	rpm	800/640/500 (962)	800/640/500 (962)	800/640/500 (962)
with VRS	rpm	400-1000	400-1000	400-1000
Variable rotor separation area		○	○	○
Crop cleaning				
JET STREAM cleaning system		●	●	●
Plastic preparation floor (divided, removable from the front)		●	●	●
Fan		8-turbine	6-turbine	6-turbine
Fan adjustment, electric		●	●	●
Dual ventilated step		●	●	●
Divided, counterdirectional sieve pan		●	●	●
3D-cleaning system		○	○	○
4D-cleaning system		○	○	○
Total sieve area	m²	6.2	5.1	5.1
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	11500/○ 12800 (13500 TERRA TRAC)	11000	10000 (11000 TERRA TRAC)
Unloading auger swivel angle	degrees	101	101	101
Unloading rate	l/s	130	130	110/○ 130
QUANTIMETER yield meter		○	○	○
Automatic chain lubrication for grain tank unloading		○	○	○

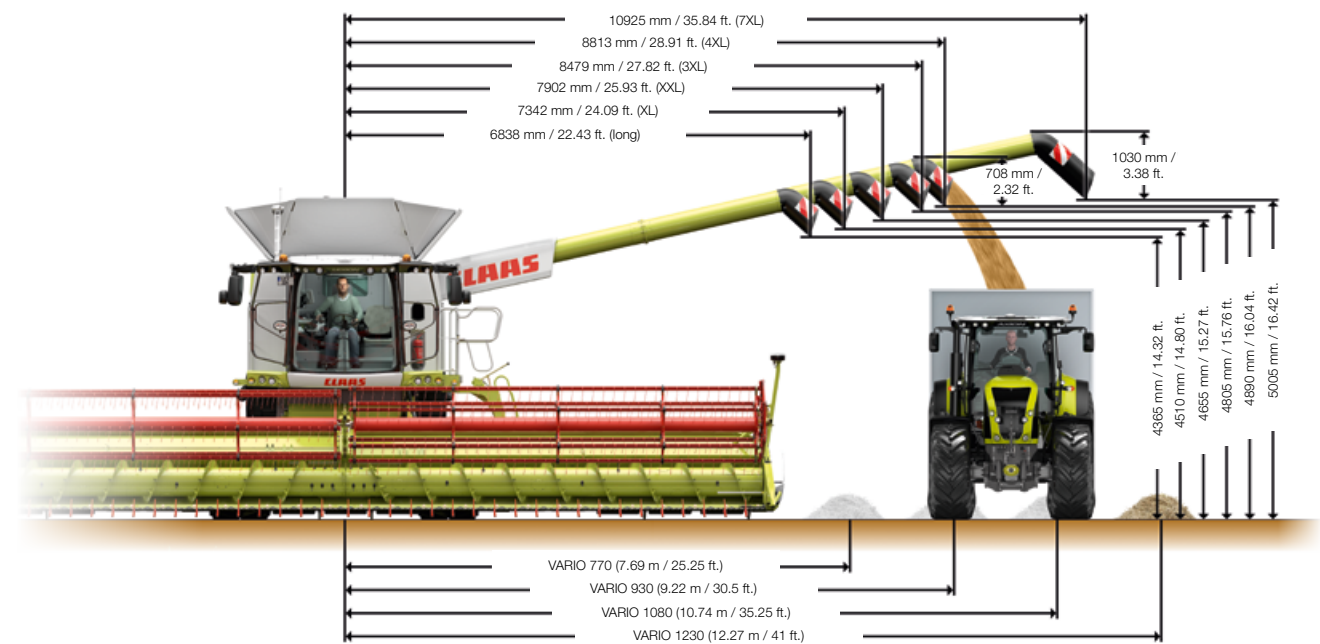
● Standard ○ Option □ Available – Not available

LEXION		770 / 770 TERRA TRAC	760 / 760 TERRA TRAC	750 / 750 TERRA TRAC
Straw management				
SPECIAL CUT straw chopper, 108 knives		○	–	–
SPECIAL CUT straw chopper, 72 knives		–	○	○
Hydraulic adjustment of static knife and grating element		○	○	○
Power spreader		○	○	○
Hydraulic changeover from cab (road travel, swathing, chopping)		●	●	●
Chaff spreader		–	○	○
Chaff fan with power spreader		○	○	○
Automatic discharge direction adjustment		○	○	○
Running gear				
TERRA TRAC crawler tracks with hydropneumatic suspension		● (TERRA TRAC)	● (TERRA TRAC)	● (TERRA TRAC)
POWER TRAC		○	○	○
2-speed manual transmission		●	● (TERRA TRAC 40 km/h)	○ (TERRA TRAC 40 km/h)
40 km/h		–	○ (TERRA TRAC)	–
30 km/h		○/● (TERRA TRAC)	○ (● TERRA TRAC)	○ (● TERRA TRAC)
Car-like driving characteristics		●	●	●
Differential lock		○	–	–
4-link axle for 30" tyres		○	–	–
Tyre pressure control system		○	○	○
Engine				
Manufacturer		Perkins	Perkins	Perkins
Model		2206 D	2206 D	2206 D
Cylinders / displacement	No./l	S 6/12.5	S 6/12.5	S 6/12.5
Engine control		Electronic	Electronic	Electronic
Maximum output (ECE R 120)	kW/hp	385/524	339/461	308/419
Emissions standard Stage III A (Tier 3)		●	●	●
Fuel consumption measurement		○	○	○
Fuel tank capacity	l	1150	1150	800 (○ 1150)
Business and data management				
TELEMATICS		●	●	●
Job management		○	○	○
Yield mapping		○	○	○
Operator assistance systems				
CRUISE PILOT		○	○	○
CEMOS AUTO THRESHING, CEMOS AUTO SEPARATION, CEMOS AUTO CLEANING, AUTO SLOPE, 4D-cleaning system		○	○	○
CEMOS DIALOG		○	○	○
GPS PILOT, LASER PILOT, AUTO PILOT		○	○	○
GRAIN QUALITY CAMERA		○	○	–
AUTO CROP FLOW		○	○	○
Weights				
(can vary depending on equipment) Wheeled machine without front attachment, straw chopper and chaff spreader, full fuel tank	kg	18530	17390	16780

● Standard ○ Option □ Available – Not available

LEXION		770	760	750
Tyres on the drive axle				
Tyre size	ø cat.	External width		
IF900/60 R 38 MI	m 2.05	3.90	3.62	3.62
IF800/70 R 38 MI	m 2.05	3.79	3.49	3.49
800/70 R 38 CHO	m 2.05	3.79	–	–
900/60 R 32	m 1.95	3.89	3.62	3.62
IF800/70 R 32 MI	m 1.95	3.76	3.49	3.49
800/70 R 32 CHO	m 1.95	3.76	3.49	3.49
800/70 R 32	m 1.95	3.76	3.49	3.49
710/75 R 34 MI	m 1.95	–	3.36	3.36
IF680/85 R 32 MI	m 1.95	3.50	3.22	3.22
680/85 R 32	m 1.95	3.50	3.22	3.22
IF800/70 R 32 TR	m 1.95	3.76	3.49	3.49
800/70 R 32 MI	m 1.95	3.80	3.50	3.50
650/75 R 32	m 1.85	–	3.49	–

More height and reach for easy offloading.



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● Standard ○ Option □ Available – Not available

Cutterbars

Front attachments

VARIO cutterbars		VARIO 1230, VARIO 1080, VARIO 930, VARIO 770
CERIO cutterbars		CERIO 930, CERIO 770
CONVIO FLEX / CONVIO cutterbars		CONVIO FLEX 1230, CONVIO FLEX 1080, CONVIO 1230, CONVIO 1080
Rapeseed equipment		For all VARIO cutterbars, not available for CERIO cutterbars
Folding cutterbars		C 540
CORIO CONSPEED / CORIO	rows	8, 12
SUNSPEED	rows	12, 16
MAXFLEX		MAXFLEX 1200, MAXFLEX 1050, MAXFLEX 930, MAXFLEX 770
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)
Drive		Single-side gear drive
Folding dividers		●
Spacing: knife bar – intake auger	mm	480-680, 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		●
Replacement knife bar		●
Crop lifters		●

VARIO cutterbars

Effective cutting widths		VARIO 1230 (12.27 m), VARIO 1080 (10.74)	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	12018	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		●	●