

TUCANO		580 ⁴	570 ⁴	560 ⁴	450 ⁴	440	430 ⁴	420	340	320
Threshing system										
APS acceleration and pre-separation		●	●	●	●	●	●	●	—	—
Accelerator rpm		80% of the threshing drum								
MULTICROP		●	●	●	●	●	●	●	●	●
Drum width	mm	1580	1580	1320	1580	1580	1320	1320	1580	1320
Drum diameter	mm	450	450	450	450	450	450	450	450	450
Drum speed	rpm	650-1400	650-1400	650-1400	650-1400	650-1400	650-1400	650-1400	650-1400	650-1400
with reduction gear	rpm	300-1400	300-1400	300-1400	300-1400	300-1400	300-1400	300-1400	300-1400	300-1400
7/18 concave		○	○	○	○	○	○	○	—	—
Pre-separation wrap angle	degrees	60	60	60	60	60	60	60	—	—
Concave wrap angle	degrees	151	151	151	151	151	151	151	121	121
Externally folding deawner plates		●	●	●	●	●	●	●	—	—
Hydraulic concave adjustment		●	●	●	●	●	●	●	●	●
Large stone trap		●	●	●	●	●	●	●	●	●

Residual grain separation										
ROTO PLUS separation rotor	No.	1	1	1	—	—	—	—	—	—
Rotor length	mm	4200	4200	4200	—	—	—	—	—	—
Rotor diameter	mm	570	570	570	—	—	—	—	—	—
Rotor speed (step drive)	rpm	920 ¹ / 820 / 720 / 630 / 530 / 460 / 430 / 370 ¹			—	—	—	—	—	—
Rotor speed (variator)		480-920			—	—	—	—	—	—
Variable rotor separation area		○	○	○	—	—	—	—	—	—
Straw walkers	No.	—	—	—	6	6	5	5	6	5
Straw walker steps	No.	—	—	—	4	4	4	4	4	4
Straw walker length	m	—	—	—	4.4	4.4	4.4	4.4	4.4	4.4
Straw walker area	m²	—	—	—	7	7	5.8	5.8	7	5.8
Separation area	m²	—	—	—	8.75	8.75	7.26	7.26	8.17	6.78
2 intensive separation systems		—	—	—	●	●	●	●	●	○

Crop cleaning										
Removable preparation floor		●	●	●	●	●	●	●	●	●
Fan		6-turbine	6-turbine	4-turbine	6-turbine	6-turbine	4-turbine	4-turbine	6-turbine	Rotary fan
Fan adjustment, electric		●	●	●	●	●	●	●	●	●
Dual ventilated step		●	●	●	●	●	●	●	—	—
Divided, counterdirectional sieve pan		●	●	●	●	●	●	●	●	●
3D-cleaning system		○	○	○	○	○	○	○	○	○
Total sieve area	m²	5.65	5.65	4.70	5.65	5.65	4.70	4.70	5.10	4.25
Sieve adjustment, electric		○	○	○	○	○	○	○	○	○
Returns feed to accelerator		●	●	●	●	●	●	●	●	●
Returns visible from the cab on the go		●	●	●	●	●	●	●	●	●

TUCANO		580 ⁴	570 ⁴	560 ⁴	450 ⁴	440	430 ⁴	420	340	320
Grain tank										
Capacity	l	11000	11000 / 10000	9000	10000	9000	9000 / 8000	7500	8000	7500 / 6500
Unloading auger swivel angle	degrees	98	98	98	99	99	99	99	99	99
Unloading rate	l/s	105	105	105	105	105	90	90	90	90
QUANTIMETER yield meter		○	○	○	○	○	○	○	○	○
Chopper										
SPECIAL CUT 80-blade straw chopper		○	○	—	○	○	—	—	○	—
SPECIAL CUT 68-blade straw chopper		—	—	○	—	—	○	○	—	○
STANDARD CUT 60-blade straw chopper		—	—	—	○	○	—	—	○	—
STANDARD CUT 52-blade straw chopper		—	—	○	—	—	○	○	—	○
HD chaff spreader		○	○	○	○	○	○	○	○	○
Straw spreader		○	○	○	○	○	○	○	○	○
ACTIVE SPREADER		○	○	○	○	○	—	—	○	—

Running gear										
All-wheel-drive axle		○	○	○	○	○	○	○	○	○

Business and data management										
TELEMATICS		●	●	●	●	●	●	●	●	●
Job management		○	○	○	○	○	○	○	○	○
Yield mapping		○	○	○	○	○	○	○	○	○

Operator assistance systems										
DYNAMIC POWER		●	●	●	●	●	●	●	●	●
AUTO CROP FLOW		○	○	○	○	○	○	○	○	○
AUTO SLOPE		○	○	○	○	○	○	○	○	○
GPS PILOT, LASER PILOT, AUTO PILOT		○	○	○	○	○	○	○	○	○

Engine										
Manufacturer		Mercedes-Benz								
Emissions standard Stage V		□	□	□	□	□	□	□	□	□
Model		OM 936 LA								
Cylinders / displacement	No./l	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7	S 6/7.7
Maximum output (ECE R 120)	kW/hp	280/381	260/354	260/354	230/313	210/286	210/286	180/245	210/286	180/245
Exhaust aftertreatment		●	●	●	●	●	●	●	●	●
SCR + EGR + DPF										
Urea tank, 57 l		●	●	●	●	●	●	●	●	●
Air compressor		○	○	○	○	○	○	○	○	○
Engine control		electronic								
Fuel tank capacity, 500 l		—	—	—	—	●	●	●	●	●
Fuel tank capacity, 650 l		●	●	●	●	○	○	○	○	○
Fuel tank capacity, 750 l		○	○	○	○	○	—	—	—	—

Weights										
(can vary depending on equipment) with-out cutterbar, chopper and chaff spreader	kg	15300 / 16300 ⁵	15300 / 16300 ⁵	14800 / 15700 ⁵	14300 / 15400 ⁵	14000	13200 / 14500 ⁵	13200	12900	11900

TUCANO		580 ⁴	570 ⁴	560 ⁴	450 ⁴	440	430 ⁴	420	340	320
Tyre size										
Tyres on the drive axle		External width								
900/60 R 32	m	3.87	3.87	3.61	3.87	3.87	3.61	3.61	—	3.61
800/65 R 32 MI	m	3.75	3.75	3.49	3.75	3.75	3.49	3.49	3.75	3.49
IF 800/70 R 32 MI ⁶	m	3.75	3.75	3.49	3.75	3.75	3.49	3.49	—	3.49
800/70 R 32	m	3.73	3.73	3.47	3.73	3.73	3.47	3.47	—	3.47
710/75 R 34	m	3.48 ³	3.48 ³	3.36	3.48	3.48	3.36	3.36	3.62	3.36
IF 680/85 R 32 CF0 ⁶	m	3.48	3.48	3.24	3.48	3.48	3.24	3.24	3.48	3.24
680/85 R 32	m	3.50	3.50	3.24	3.50	3.50	3.24	3.24	3.50	3.24
650/75 R 32	m	3.49	3.49	3.20	3.49	3.49	3.20	3.20	3.47	3.20
620/75 R 30 F16	m	—	—	—	—	—	3.00	3.00	—	3.00
620/75 R 30 F20	m	—	—	—	—	—	—	—	—	3.23
Steel half track for rice 900 mm	m	4.17	4.17	—	4.17	4.17	—	—	—	—

Tyres on the steering axle										
14.5/75-20 IMP	m	—	—	—	—	—	3.00	3.00	—	3.00
16.5/85-24 IMP	m	3.29	3.29	3.11	3.29	3.29	3.11	3.11	3.29	3.11
440/80 R 24 MI	m	—	—	3.11	—	—	3.11	3.11	—	3.11
500/70 R 24 IMP	m	3.32/3.46 ²	3.32/3.46 ²	3.17/3.26 ²	3.32/3.46 ²	3.32/3.46 ²	3.17/3.26 ²	3.17/3.26 ²	3.32/3.46 ²	3.17/3.26 ²
500/70 R 24 MI	m	3.32	3.32	3.17	3.32	3.32	3.17	3.17	3.32	3.17
500/85 R 24 IMP	m	3.34/3.48 ²	3.34/3.48 ²	3.19/3.28 ²	3.34/3.48 ²	3.34/3.48 ²	3.19/3.28 ²	3.19/3.28 ²	3.34/3.48 ²	3.19/3.28 ²
VF 520/80 R 26	m	3.34/3.48 ²	3.34/3.48 ²	3.19/3.28 ²	3.34/3.48 ²	3.34/3.48 ²	3.19/3.28 ²	3.19/3.28 ²	3.34/3.48 ²	3.19/3.28 ²
600/55-26.5 IMP	m	3.61/3.70 ²	3.61/3.70 ²	3.46/3.50 ²	3.61/3.7 ²	3.61/3.7 ²	—	—	—	—
600/65 R 28 IMP	m	3.7 ²	3.7 ²	3.50 ²	3.7 ²	3.7 ²	—	—	—	—
VF620/70 R 26 MI	m	3.7	3.7	3.50 ²	3.7 ²	3.7 ²	—	—	—	—

MONTANA steering axle										
500/70 R 24	m	3.32/3.46 ²	3.32/3.46 ²	3.17/3.26 ²	3.32/3.46 ²	—	3.17/3.26 ²	—	—	—

¹ As retrofit set

² 4-TRAC steering-axle tyres

³ Not with synchronised impeller

⁴ Also available as MONTANA

⁵ Applies to TUCANO MONTANA

⁶ Not available for TUCANO MONTANA

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Cutterbars		
Front attachments		
VARIO cutterbars		VARIO 930, VARIO 770, VARIO 680, VARIO 620, VARIO 560, VARIO 500
CERIO cutterbars		CERIO 930, CERIO 770, CERIO 680, CERIO 620, CERIO 560
Standard cutterbars		C 490, C 430
Rapeseed equipment		For all standard and VARIO cutterbars, not available for CERIO cutterbars
Folding cutterbars		C 540, C 450
SUNSPED	rows	12 and 8
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
CORIO CONSPEED / CORIO	rows	8 and 6, folding or rigid

Standard cutterbars			
Effective cutting widths		C 490 (4.92 m), C 430 (4.32 m)	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 belt drive	Single-side gear drive
Folding dividers		●	●
Spacing: knife bar – intake auger	mm	580	490-680, manually adjustable
Cutting frequency	strokes/min	1120	1156
Multifinger intake auger		●	●
Reverser, hydraulic		●	●
Automated cutterbar control			
CONTOUR		●	●
AUTO CONTOUR		○	○
Reel speed control		●	●
Reel height adjustment		●	●
Automatic parking position		–	●
Automatic operating position		–	●
Replacement knife bar		●	●
Crop lifters		●	●

VARIO cutterbars			
Effective cutting widths		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		Single-side gear drive	
Folding dividers		●	
Spacing: knife bar – intake auger	mm	490-1135, 700 mm continuously adjustable travel range	
Knife bar		Undivided	
Cutting frequency	strokes/min	1156	
Reel and auger bearing		Undivided reel and auger	
Intake auger diameter		660	
Automated cutterbar control			
CONTOUR		●	
AUTO CONTOUR		○	
Reel speed control		●	
Reel height adjustment		●	
Reel levelling system		●	
Table positioning		●	
Automatic operating position		●	
Automatic parking position		●	
Replacement knife bar		●	
Crop lifters		●	

More height and reach
 for easy offloading.

