

TUCANO

		450	440	430	340	330	320
Front attachment selection							
Standard cutterbars		C 900, C 750, C 660, C 600, C 540, C 490, C 430, C 370					
VARIO cutterbars		V 900, V 750, V 660, V 600, V 540					
Rapeseed attachment		for all standard and VARIO cutterbars					
FLEX cutterbars		S 900, S 750, S 600, S 510, S 450					
Folding cutterbars		C 540, C 450	C 540, C 450	C 540, C 450	C 540, C 450	C 540, C 450	C 540, C 450
Pick-up		P 420	P 420	P 420	P 420	P 420	P 420
SUNSPPEED	quantity	12	12	12	12	12	12
Maize harvester	rows	6, 8	6, 8	6	6	6	6
Standard cutterbars							
Cutting widths available	m	C 900 (9.12 m), C 750 (7.50 m), C 660 (6.68 m), C 600 (6.07 m), C 540 (5.46 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	mm	580	580	580	580	580	580
Cutting frequency	strokes/min	1120	1120	1120	1120	1120	1120
Multifinger intake auger		●	●	●	●	●	●
Hydraulic reverser		●	●	●	●	●	●
Hydrostatic reel drive	rpm	8 – 60	8 – 60	8 – 60	8 – 60	8 – 60	8 – 60
Automatic functions							
CONTOUR		●	●	●	●	●	●
AUTO CONTOUR		○	○	○	○	○	○
Reel speed control		●	●	●	●	●	●
Reel height adjustment		○	○	○	○	○	○
LASER PILOT left		○	○	○	○	○	○
VARIO cutterbars							
Cutting widths available	m	V 900 (9.12 m), V 750 (7.60 m), V 660 (6.68 m), V 600 (6.07 m), V 540 (5.46 m)					
Spacing of knife bar to intake auger	mm	780 – 480, for rapeseed 1080					
Automatic functions							
CONTOUR		●	●	●	●	●	●
AUTO CONTOUR		○	○	○	○	○	○
Reel speed control		●	●	●	●	●	●
Reel height adjustment		○	○	○	○	○	○
Reel levelling system		○	○	○	○	○	○
VARIO control		○	○	○	○	○	○
LASER PILOT left		○	○	○	○	○	○
Threshing system							
APS acceleration and pre-separation		●	●	●	–	–	–
Accelerator rpm		80% of the threshing drum					
MULTICROP concave		●	●	●	●	●	●
Drum width	mm	1580	1580	1320	1580	1320	1320
Drum diameter	mm	450	450	450	450	450	450
Drum speed	rpm	650 – 1500	650 – 1500	650 – 1500	650 – 1500	650 – 1500	650 – 1500
with reduction gear	rpm	280 – 1500	280 – 1500	280 – 1500	280 – 1500	280 – 1500	280 – 1500
7/18 concave		○	○	○	–	–	–
Pre-separation wrap angle	degrees	60	60	60	–	–	–
Concave wrap angle	degrees	151	151	151	121	121	121
Externally folding deawner plates		●	●	●	–	–	–
Single-lever proportional concave adjustment from the cab for both concaves		●	●	●	–	–	–
Concave adjustment, 2 lever (proportional and output separate from the cab)		–	–	–	●	●	●
Large stone trap		●	●	●	●	●	●
Residual grain separation							
Straw walkers	quantity	6	6	5	6	5	5
Straw walker steps	quantity	4	4	4	4	4	4
Walker length	m	4.4	4.4	4.4	4.4	4.4	4.4
Straw walker area	m ²	7	7	5.8	7	5.8	5.8
Separation area	m ²	8.75	8.75	7.26	8.17	6.78	6.78
2 intensive separation systems		●	●	●	●	●	○

● Standard ○ Option – Not available

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Cleaning system							
Removable preparation floor		●	●	●	●	●	●
Fan		6-turbine	6-turbine	4-turbine	6-turbine	Radial blower	Radial blower
Electric fan adjustment		●	●	●	●	●	●
Dual ventilated step		●	●	●	–	–	–
Divided, counterdirectional sieve pan		●	●	●	●	●	●
3-D cleaning system		○	○	○	○	○	○
Total sieve area	m ²	5.65	5.65	4.70	5.10	4.25	4.25
Sieve adjustment, electric		○	○	○	○	○	○
Returns feed to accelerator		●	●	●	●	●	●
Returns visible on the go		●	●	●	●	●	●
Grain tank							
Volume	l	9000	8500	8000	7500	7500	6500
Unloading auger swivel angle	degrees	98	98	98	98	98	98
Discharge rate	l/s	75	75	75	75	75	75
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		○	○	○	○	○	○
Running gear							
4 TRAC		○	○	○	○	○	○
Engine							
Manufacturer		Mercedes Benz	Mercedes Benz	Mercedes Benz	Mercedes Benz	Mercedes Benz	Mercedes Benz
Model		OM 926 LA	OM 906 LA	OM 906 LA	OM 906 LA	OM 906 LA	OM 906 LA
Cylinders / displacement	number/ litres	S6/7.2	S 6/6.4	S 6/6.4	S 6/6.4	S 6/6.4	S 6/6.4
Engine control		electronic	electronic	electronic	electronic	electronic	electronic
Rated speed	rpm	2200	2200	2200	2200	2200	2200
Engine power (ECE R 120)	kW/HP	220/299	205/279	190/258	205/279	190/258	150/204
EUROMOT IIIa emissions compliance		●	●	●	●	●	●
Fuel tank capacity, 500 l		–	●	●	●	●	●
Fuel tank capacity, 650 l		●	○	○	○	○	○
Air compressor		○	○	○	○	○	○
Weight							
(can vary depending on equipment) without cutterbar, chopper and chaff spreader	kg	12530	12400	12000	11800	10800	10700

Tyres

Model	450	440	430	340	330	320
Tyre size	Outer width (m)					
1050/50 R 32	4.35	4.35	–	–	–	–
900/60 R 32	3.87	3.87	3.61	3.87	3.61	–
IF 800/70 R 32	3.75	3.75	3.49	–	3.49	3.49
800/70 R 32	3.75	3.75	3.49	–	3.49	3.49
800/65 R 32	3.83	3.83	3.57	3.83	3.57	3.57
30.5 LR 32	–	–	3.49	–	3.49	3.49
710/75 R 34	3.62	3.62	3.36	3.62	3.36	3.36
IF 680/85 R 32	3.49	3.49	–	–	–	–
680/85 R 32	3.49	3.49	3.22	3.49	3.22	3.22
650/75 R 32	3.47	3.47	3.19	3.47	3.19	3.19
620/75 R 30 F20	–	–	–	–	3.23	3.23
620/75 R 30 F16	–	–	3.00	–	3.00	3.00
650/75 R 32 dual + 18.4 R 38	4.60	4.60	–	–	–	–

● Standard ○ Option – Not available

Tyres - steering axle

Model	450	440	430	340	330	320
Tyre size	Outer width (m)					
600/55-26.5	3.61	3.61	–	–	–	–
VF 520/80 R 26	3.35	3.35	3.20	3.35	3.20	3.20
500/85 R 24	3.35	3.35	3.20	3.35	3.20	3.20
500/70 R 24	3.35	3.35	3.20	3.35	3.20	3.20
440/80 R 24	3.29	3.29	3.15	3.29	3.15	3.15
16.5/85-24	3.29	3.29	3.15	3.29	3.15	3.15
Tyres - 4-TRAC steering axle						
600/55-26.5	3.61	3.61	–	–	–	–
VF 520/80 R 26	3.49	3.49	3.20	3.49	3.20	3.20
500/85 R 24	3.49	3.49	3.20	3.49	3.20	3.20
500/70 R 24	3.29	3.29	3.15	3.29	3.15	3.15
440/80 R 24	3.29	3.29	3.10	3.29	3.10	3.10
16.5/85-24	3.29	3.29	3.10	3.29	3.10	3.10

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