












VEHICLE		CURRENT VEHICLES				
Make		Mercedes-Benz	Scania	Iveco	MAN	
Range		Actros	G Series	Stralis	TGS	
Model		2646LS-33 DD	G460 CA6x4 MSZ	AS750S48TZP Hi-Way	26.480 6x4 BLS EL DD	
DIMENSIONS						
FW offset (standard / tested)	mm	620 / 420	375 / 475	450 / 450	450 / 450	
Overall combination length	mm					
FUEL						
Fuel tank 1 capacity	ℓ	650	470	600	580	
Fuel tank 2 capacity	ℓ	280	470	230	460	
Fuel in tank at weighbridge	ℓ	234	77	226	260	
MASS, CAB & EXTRAS						
Permissible front axle mass	kg	7 500	7 700	7 700	7 700	
Rims (standard / tested)		Aluminium / Aluminium	Steel / Steel	Aluminium / Aluminium	Aluminium / Aluminium	
Rear suspension		Air	Parabolic leaf springs	Air	Air	
Cab roof / No. of bunks		High / 2	Medium / 2	High / 2	High / 2	
Aerokit (standard / tested)		Mercedes-Benz / Mercedes-Benz	Scania / Scania	None / Aero Truck	MAN / MAN	
Tare (spec sheet) *	kg	8 393	8 640	8 540	8 867	
			8 713 	8 986 	8 900 	8 631 
Tare (tested) *	kg					
Vehicle unladen **	kg	9 070	9 210	9 250	9 010	
Straps and corner plates	kg	50	50	50	50	
Additional aerodynamics	kg	0	0	0	0	
Trailer unladen	kg	10 000	10 000	10 000	10 000	
Combination unladen **	kg	19 120	19 260	19 300	19 060	
Payload	kg	34 520	34 520	34 520	34 520	
Cross combination mass **	kg	53 640	53 780	53 820	53 580	
* Includes fifth wheel but excludes driver, fuel and spare wheel						
** Includes fifth wheel, a small quantity of fuel, driver and observer						
ENGINE						
Make		Mercedes-Benz	Scania	Iveco	MAN	
Model		OM 501 LA	DC13 106	Cursor 13 (VGT)	D2676 LFO3	
Capacity	cm ³	11 946	12 700	12 880	12 419	
Layout		V6	Inline 6	Inline 6	Inline 6	
Fuel injection system		Electronic pump-line-nozzle	Unit injector PDE	6 unit injectors	Common rail	
Power @ r/min	kW	335 @ 1 800	338 @ 1 900	354 @ 1 540 - 1 900	353 @ 1 700 - 1 900	
Torque @ r/min	Nm	2 200 @ 1 080	2 250 @ 1 000 - 1 350	2 200 @ 1 000 - 1 540	2 300 @ 1 000 - 1 400	
r/min @ 80 km/h in top gear	r/min	1 247	1 244	1 252	1 248	
Emissions standard		Euro 3	Euro 3	Euro 3	Euro 2	
TRANSMISSION						
Make		Mercedes-Benz	Scania	ZF	ZF	
Model		G281-12	GRS905R	12 AS 2330 TD	12 AS 2331 DD TipMatic	
Type		Constantmesh	Synchromesh	Synchromesh	Constantmesh	
Shift		Automated Manual	Manual and Automated	Automated Mechanical	Manual and Automated	
No. of forward gears		12	12	12	12	
First / top gear ratio	:1	14,91 / 1	11,32 / 1	15,86 / 1	15,85 / 1	
DRIVE AXLE						
Make		Mercedes-Benz	Scania	Meritor	MAN	
Reduction type		Single	Single	Single	Single	
Final ratio (standard / tested)	:1	3,077 / 3,077	3,07 / 3,07	3,4 or 3,09 / 3,09	3,08 / 3,08	
BRAKES & TYRES						
Exhaust brake		Standard	Standard	No	Standard	
Engine brake		Standard	No	Standard 306 kW	Standard 270 kW	
Retarder / Intarder		Voith 3 500 Nm	Retarder 500 kW	Intarder 500 kW	Intarder 500 kW	
Tyre make		Michelin	Goodyear	Michelin	Michelin	
Size and ply rating - front		315/80 R22.5	385/65 R22.5	315/80 R22.5	385/65 R22.5	
Size and ply rating - rear		315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	
LIST PRICE						
List price (excl. VAT)		R1 753 000	R1 792 869	R1 742 950	R1 850 000	

		TRIDEM FLATDECKS			TAUTLINER INTERLINK
		CURRENT VEHICLES		COMING SOON	PROTOTYPE (AERO)
Scania	MAN	Iveco	DAF	SINOTRUK	MAN
R Series	TGX	Trakker	XF	HOWO V7G	TGS
R500 LA6x4 MSZ	26.540 6x4 BLS	AT440T44TH SR	105.460 SR 1360	64430/4	26.440 6x4 BLS (LX)
375 / 475	450 / 550	450 / 530	300 / 500	325 / 325	450 / 450
470	550 (plus 75 l AdBlue)	600	445	600	580
470	350	-	445	-	450
99	183	193	169	292	194
7 700	7 700	7 700	7 700	7 000	7 700
Aluminium / Aluminium	Aluminium / Aluminium	Aluminium / Aluminium	Steel / Aluminium	Steel / Steel	Steel / Aluminium
Parabolic springs	Air	Parabolic leaf springs	Air	Semi-elliptic leaf springs	Air
High / 2	High / 2	Low / 1	High / 2	High / 2	High / 2
Scania / Scania	MAN / MAN	None / None	None / Aero Truck	None / None	Aero Truck (Truck Tractor and Trailer)
8 827 9 267	8 915	8 970	8 475	8 260	8 375
	 8 756	 8 818	 8 858	 8 895	 8 917
9 510 50 0	9 070 50 0	9 140 40 0	9 160 40 0	9 300 40 0	9 240 50 450
10 000	10 000	6 640	6 640	6 640	10 000
19 560	19 120	15 820	15 840	15 980	19 740
34 520	34 520	30 620	30 620	30 620	34 520
54 080	53 640	46 440	46 460	46 600	54 260
Scania	MAN	Iveco	Paccar	Sinotruk	MAN
DC16 04 500	D2676 LF08	Cursor 13 (VGT)	MX340 (ECE R24-03)	MC11.43-30	D2676 LF04
15 607	12 419	12 880	12 900	11 518	12 419
V8	Inline 6	Inline 6	Inline 6	Inline 6	Inline 6
Unit injector PDE	Common rail	6 unit injectors	6 electronic unit pumps	6 electronic unit pumps	Common rail
368 @ 1 900	397 @ 1 900	324 @ 1 450 - 1 900	340 @ 1 500 - 1 900	316 @ 1 900	324 @ 1 700 - 1 900
2 400 @ 1 100 - 1 300	2 500 @ 1 050	2 100 @ 900 - 1 470	2 300 @ 1 000 - 1 410	2 100 @ 1 000 - 1 410	2 100 @ 1 000 - 1 400
1 244	1 299	1 304	1 252	1 399	1 299
Euro 3	Euro 5 (AdBlue)	Euro 3	Euro 3	Euro 3	Euro 2
Scania	ZF	ZF	ZF	ZF	ZF
GRS905R	12 AS 2530 OD TipMatic	12 AS 2330 OD	12 AS 2540 TD	16 S 2230 TD	12 AS 2331 OD TipMatic
Synchromesh	Constantmesh	Synchromesh	Synchromesh	Synchromesh	Constantmesh
Manual and Automated	Manual and Automated	Automated Mechanical	Automated Mechanical	Manual	Manual and Automated
12	12	12	12	16	12
11,32 / 1	12,33 / 0,78	12,33 / 0,78	15,86 / 1	13,8 / 0,84	12,33 / 0,78
Scania	MAN	Meritor	DAF	Sinotruk	MAN
Single	Single	Single	Single	Single	Single
3,07 / 3,07	4,11 / 4,11	4,125 / 4,125	3,09 / 3,09	4,11 / 4,11	4,11 / 4,11
Standard	Standard	No	Standard	Standard	Standard
No	Standard 270 kW	Standard 306 kW	Standard	Standard	Standard 270 kW
Retarder 500 kW	Intarder 500 kW	Intarder 500 kW	Intarder 500 kW	None	Intarder 500 kW
Michelin	Michelin	Goodyear	Goodyear	Chengshan	Michelin
385/65 R22.5	385/65 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	385/65 R22.5
315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5
R1 979 298	R2 105 000	R1 522 950	R1 695 000	-	-