

TECHNICAL SPECIFICATIONS

Version		4WD	4WD
ENGINE LAMBORGHINI		1000.6 WT EURO II	1000.6 WT EURO II
Cylinders/Displacement	n°/cm³	6/6000	6/6000
Aspiration		Turbo	Turbo
Max. homologated power (2000/25/CE)	HP/kW	122/89,5	135/99,5
Max. homologated power (ECE R24.03)	HP/kW	115/84,5	128/94
Nominal engine speed	rpm	2500	2500
Max. torque	Nm	445	493
Max. torque engine speed	rpm	1400-1600	1400-1600
Torque backup	%	38	30
Cooling		liquid-oil	
Engine control		electronic	
Air cleaner		dry with safety cartridge and dust ejector	
Silencer underhood		with vertical exhaust	
Fuel tank capacity	litres	with exhaust on cab upright 240	

DIMENSIONS AND WEIGHTS: (with rear tyres)		18.4 R 34	18.4 R 38
Max. length without link arms	mm	4325	4375
Width min.- max.	mm	2215-2715	2215-2715
Max height at cab	mm	2895**	2945**
Ground clearance	mm	400	450
Wheelbase	mm	2750	2750
Front track min.- max.	mm	1825-2315	1825-2365
Rear track min.- max	mm	1750-2250	1750-2250
Minimum steering radius without braking	mm	5300	5300
Weight with cab	kg	5080	5130

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 6 synchronised gears, 3 gear ranges (Min. speed: 0.65 km/h)	18 FWD + 18 REV
Mechanical gearbox, 6 synchronised gears, 4 gear ranges (with creeper) (Min. speed: 0.21 km/h)	24 FWD + 24 REV
MULTISPEED gearbox (3 ratios under load) 6 synchronised gears, 3 gear ranges (Min. speed: 0.45 km/h)	54 FWD + 54 REV
MULTISPEED gearbox (3 ratios under load) 6 synchronised gears, 4 ranges (with creeper) (Min. speed: 0.15 km/h)	72 FWD + 72 REV
Max. speed	40 km/h
Shuttle	mechanical, synchronised hydraulic under load with double multidisc clutch in oil bath, electronically operated with lever control under steering wheel
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler

BRAKES AND STEERING	
Braking system	all wheel braking, discs in oil bath on all 4 wheels, hydrostatically operated
Parking brake	independent
Trailer braking	hydraulic braking valve pneumatic braking system
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	50°

FRONT AXLE	
Drive engagement	electro-hydraulically operated
Front differential lock	electro-hydraulically operated SBA system: automatic front wheel drive disengagement and automatic diff. lock release
Front ballast	eight 40 kg case type weights
Front mudguards	swivelling

18 FWD + 18 REV GEARBOX - SPEED IN KM/H AT AN ENGINE SPEED OF 2500 RPM WITH 18.4 R 38 REAR TYRES																	
1 L	2 L	3 L	4 L	5 L	1 N	6 L	2 N	3 N	4 N	5 N	6 N	1 F	2 F	3 F	4 F	5 F	6 F
0,65	0,84	1,09	1,40	1,85	2,26	2,37	2,92	3,80	4,87	6,41	8,23	10,42	13,43	17,46	22,39	29,47	37,82
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MULTISPEED GEARBOX 72 FWD + 72 REV - SPEED IN KM/H AT AN ENGINE SPEED OF 2500 RPM WITH 18.4 R 38 REAR TYRES																								
	1 CR	2 CR	3 CR	4 CR	5 CR	1 L	6 CR	2 L	3 L	4 L	5 L	1 N	6 L	2 N	3 N	4 N	5 N	6 N	1 F	2 F	3 F	4 F	5 F	6 F
LOW	0,15	0,19	0,25	0,32	0,42	0,45	0,54	0,58	0,76	0,97	1,28	1,57	1,64	2,02	2,63	3,37	4,44	5,70	7,21	9,30	12,09	15,50	20,40	26,18
MEDIUM	0,18	0,23	0,30	0,38	0,51	0,54	0,65	0,69	0,90	1,16	1,53	1,87	1,96	2,42	3,14	4,03	5,31	6,81	8,62	11,12	14,45	18,53	24,39	31,30
HIGH	0,21	0,28	0,36	0,46	0,61	0,65	0,79	0,84	1,09	1,40	1,85	2,26	2,37	2,92	3,80	4,87	6,41	8,23	10,42	13,43	17,46	22,39	29,47	37,82

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.

PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS

Akros SPECIALISED LUBRICATION FOR LAMBORGHINI



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- New EURO II electronically controlled 1000 series turbo engines
- 6 speed MULTISPEED gearbox
- Hydraulic power shuttle with control lever under the steering wheel
- Electronically controlled lift with Radar monitoring
- Automatic front wheel drive and differential locking control (SBA)



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