

TECHNICAL SPECIFICATIONS

R3.85

R3.95

Version		4WD	2WD	4WD
ENGINE LAMBORGHINI		1000.4 WT EURO II		1000.4 WT EURO II
Cylinders/Displacement	n°/cm³	4/4000		4/4000
Aspiration		Turbo		Turbo
Max. homologated power (2000/25/CE)	HP/kW	85/62,5		96/70,5
Max. homologated power (ECE R24.03)	HP/kW	81/59,5		91/67
Nominal engine speed	rpm	2300		2300
Max. torque	Nm	325		367
Max. torque engine speed	rpm	1400-1600		1400-1600
Torque backup	%	31		32
Cooling		liquid-oil		
Engine control		mechanical		
Air cleaner		electronic		
Silencer underhood		dry with safety cartridge and dust ejector		
		with vertical exhaust		
		with exhaust on cab upright		
Fuel tank capacity	litres	160		

DIMENSIONS AND WEIGHTS with rear tyres		16.9 R 34	16.9 R 34	18.4 R 34
Max. length without link arms	mm	3770	3840	3840
Width min.- max.	mm	1950-2550	1950-2550	2070-2570
Max. height at safety frame	mm	2695	2695	2720
Max. height at cab	mm	2625**	2625**	2650**
Ground clearance	mm	450	450	475
Wheelbase	mm	2360	2360	2360
Front track min.- max.	mm	1430-2140	1430-2140	1430-2140
Rear track min.- max.	mm	1500-2100	1500-2100	1600-2100
Minimum steering radius without braking	mm	4630	3580	4630
Weight with safety frame	kg	3650	3350	3750
Weight with cab	kg	3800	3500	3900

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 5 synchronised gears x 3 ranges (Min. speed: 1.71 km/h)	15 FWD + 15 REV
Mechanical gearbox, 5 synchronised gears x 4 ranges (with creeper) (Min. speed: 0.50 km/h)	20 FWD + 20 REV
MULTISPEED gearbox (3 change underdrive) 5 synchronised gears x 3 ranges (Min. speed: 1.17 km/h)	45 FWD + 45 REV
MULTISPEED gearbox (3 change underdrive) 5 synchronised gears x 4 ranges (with creeper) (Min. speed: 0.34 km/h)	60 FWD + 60 REV
Max. speed km/h	40
Shuttle	mechanical, synchronised hydraulic power shuttle with double multidisc clutch in oil bath, electronically operated with control lever under steering wheel
Rear differential lock	electronically 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 (no front brakes on 2WD)
Parking brake	independent
Trailer braking	hydraulic braking valve
Hydrostatic steering	pneumatic braking system
Steering angle 2WD/4WD	independent pump, adjustable steering wheel
	70°/50°

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

20 FWD + 20 REV GEARBOX - SPEED IN KM/H AT AN ENGINE SPEED OF 2300 RPM WITH 480/70 R 34 REAR TYRES																
1 CR	2 CR	3 CR	4 CR	1 L	5 CR	2 L	3 L	1 M	4 L	2 M	5 L	3 M	4 M	1 F	5 M	2 F
0,50	0,67	0,90	1,28	1,71	1,73	2,30	3,06	3,70	4,37	4,98	5,89	6,62	9,44	11,03	12,73	14,83
																19,73
																28,11
																37,90
																40,00*

MULTISPEED GEARBOX 60 FWD + 60 REV - SPEED IN KM/H AT AN ENGINE SPEED OF 2300 RPM WITH 480/70 R 34 REAR TYRES																
	1 CR	2 CR	3 CR	4 CR	1 L	5 CR	2 L	3 L	1 M	4 L	2 M	5 L	3 M	4 M	1 F	5 M
LOW	0,34	0,46	0,61	0,88	1,17	1,18	1,58	2,10	2,54	2,99	3,41	4,04	4,54	6,47	7,56	8,73
MEDIUM	0,41	0,55	0,74	1,05	1,40	1,42	1,89	2,51	3,04	3,58	4,08	4,83	5,43	7,74	9,05	10,44
HIGH	0,50	0,67	0,90	1,28	1,71	1,73	2,30	3,06	3,70	4,37	4,98	5,89	6,62	9,44	11,03	12,73
																14,83
																19,73
																28,11
																37,90
																40,00*

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.

* = MAX. SPEED EFFECTIVE ** = WITH STANDARD ROOF
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS

Akros SPECIALISED LUBRICATION FOR LAMBORGHINI



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