

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS		R4.85		R4.95		R4.105		R4.110	
Version		4WD		2WD	4WD	4WD		4WD	
ENGINE LAMBORGHINI		1000.4 WT EURO II		1000.4 WT EURO II		1000.6 W EURO II		1000.4 WTI EURO II	
Cylinders/Displacement	n°/cm³	4/4000		4/4000		6/6000		4/4000	
Aspiration		Turbo		Turbo		Natural		Turbo Intercooler	
Max. homologated power (2000/25/CE)	HP/kW	90/66		96/70,5		102,5/75,5		114/84	
Max. homologated power (ECE R24.03)	HP/kW	85/62,5		91/67		100/73,5		109/80	
Nominal engine speed	rpm	2300		2300		2300		2300	
Max. torque	Nm	344		367		391		395	
Max. torque engine speed	rpm	1400-1600		1400-1600		1400-1600		1400-1600	
Torque backup	%	32		32		33		29	
Cooling		liquid-oil							
Engine control		mechanical							
		electronic							
Air cleaner		dry with safety cartridge and dust ejector							
Silencer underhood		with vertical exhaust							
		with exhaust on cab upright							

Fuel tank capacity	litres	150			175		150		
DIMENSIONS AND WEIGHTS: (with rear tyres)		16.9 R 34		16.9 R 34		520/70 R 34		18.4 R 34	
Max. length without link arms	mm	3785	3785	3785	3815	3785			
Width min.- max.	mm	1940-2540	1940-2540	1940-2540	2120-2620	1940-2540			
Max height at cab	mm	2800**	2800**	2800**	2825**	2830**			
Ground clearance	mm	460	515	460	485	460			
Wheelbase	mm	2375	2470	2375	2635	2375			
Front track min.- max.	mm	1500-2100	1400-2000	1500-2100	1600-2100	1500-2100			
Rear track min.- max	mm	1500-2100	1500-2100	1500-2100	1600-2100	1500-2100			
Minimum steering radius without braking	mm	4650	3600	4650	4930	4650			
Weight with safety frame	kg	3695	3270	3695	3960	3840			
Weight with cab	kg	4055	3630	4055	4320	4200			

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox, 5 synchronised gears, 3 gear ranges (Min. speed: 1.71 km/h)	15 FWD + 15 REV
Mechanical gearbox, 5 synchronised gears, 4 gear ranges (with creeper) (Min. speed: 0.50 km/h)	20 FWD + 20 REV
MULTISPEED gearbox (3 ratios under load) 5 synchronised gears, 3 ranges (Min. speed: 1.17 km/h)	45 FWD + 45 REV
MULTISPEED gearbox (3 ratios under load) 5 synchronised gears, 4 ranges (with creeper) (Min. speed: 0.34 km/h)	60 FWD + 60 REV
Max. speed	km/h
	40
Shuttle	mechanical, synchronised DIRECTRONIC system: double multidisc clutch in oil bath, electronically controlled with lever 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
Hydrostatic steering	pneumatic braking system
Steering angle	independent pump, adjustable steering wheel
	2WD/4WD
	70°/50°

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

FRONT P.T.O. (4WD versions only)	
Clutch	multiple discs in oil bath
Speed	rpm
	1000
Operation	electro-hydraulically operated, push-button control

REAR P.T.O.	
Clutch	multiple discs in oil bath
Speed	rpm
	540-540 ECON-1000-1000 ECON
Operation	Synchronised P.T.O. with independent output shaft
	electro-hydraulically operated, push-button control

HYDRAULIC LIFT	
Rear power lift	mechanical
	electronically controlled with Radar and Performance Monitor
Maximum lifting capacity	kg
	4800
Pump delivery	l/min.
	54
Auxiliary hydraulic control valves	ways
	4/6/8 with flow regulators
3 point linkage (link arms and top link)	fixed hitching balls
	automatic hitching
RH link arm and top link	mechanical adjustment
	hydraulic adjustment
Front lift (4WD versions only)	original built in
	maximum lifting capacity 2000 kg
	adjustable ballast, 400 kg

DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	two uprights
	original sound-proofed (75 dBA), "high visibility" roof, rear wipers, 6 work lights, telescopic rear-view mirrors
Cab	as above with mechanical suspension
	as above with automatic compensation
	pneumatic suspension
Cab conditioning	air conditioning, ventilation, heating, forced recirculation
Instruments	analog with Check Panel
Driver's seat	imitation leather/textile, mechanical adjustment, safety belt
	textile with pneumatic suspension and safety belt

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	2 F	3 F	4 F	5 F
LOW	0,34	0,46	0,61	0,88	1,17	1,18	1,57	2,10	2,53	2,99	3,41	4,03	4,53	6,46	7,54	8,71	10,15	13,50	19,23	25,93
MEDIUM	0,41	0,55	0,73	1,05	1,40	1,42	1,88	2,51	3,03	3,57	4,08	4,82	5,42	7,73	9,03	10,42	12,14	16,16	23,01	31,03
HIGH	0,50	0,67	0,90	1,28	1,71	1,73	2,30	3,06	3,69	4,36	4,97	5,88	6,61	9,42	11,00	12,70	14,80	19,69	28,05	37,82
																				40,00*

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	3 F	4 F	5 F
0,50	0,67	0,90	1,28	1,71	1,73	2,30	3,06	3,69	4,36	4,97	5,88	6,61	9,42	11,00	12,70	14,80	19,69	28,05	37,82
																			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 ROOF WITH AIR CONDITIONING PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS

Akros SPECIALISED LUBRICATION FOR LAMBORGHINI



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