

# R2

70\_80\_90\_100



SDF series 1000 TIER III engines, 3 and 4 cylinders, turbo or turbo intercooler

100% compatible with biodiesel fuel (B100)

Possibility to adjust engine speeds and save them to memory at the press of a button

POWERSHIFT 45 FWD + 45 REV gearbox with OVERSPEED

Hydraulic power shuttle with control lever under the steering wheel and Stop&Go system

Double-drive P.T.O. and electro-hydraulic differentials

Modern one-piece hood design. Ergonomic cab with 4 pillars for high visibility

Technical data and illustrations are guidelines only. As our aim at LAMBORGHINI is to deliver a product that increasingly satisfies customer requirements, we reserve the right to update this information at any time, without notice.

TECHNICAL DATA

TECHNICAL DATA		R2.70		R2.80		R2.90		R2.100*	
Version		4WD		4WD		2WD      4WD		4WD	
ENGINE		1000.3 WTI TIER III		1000.3 WTI TIER III		1000.4 WTI TIER III		1000.4 WTI TIER III	
Cylinders/Displacement	no./cm³	3/3000		3/3000		4/4000		4/4000	
Aspiration		Turbo Intercooler							
Max. homologated power (2000/25/CE)	HP/kW	72/53		82/60		85/63***		95/70	
Nominal engine speed	rpm	2200		2200		2200		2200	
Max. torque	Nm	265		310		345		373	
Max. torque engine speed	rpm	1600		1600		1600		1600	
Cooling		liquid-oil							
Engine control		electronic							
Air cleaner		dry with safety cartridge							
Silencer underhood		with lateral exhaust							
		with vertical exhaust							
		with exhaust on cab upright							
Fuel tank capacity	litres	100							

DIMENSIONS AND WEIGHTS (with rear tyres)		420/70 R 30		420/70 R 30		480/70 R 30		480/70 R 30	
Max. length without link arms	mm	3430		3430		3560	3560	3560	
Width min.- max.	mm	1940-2240		1940-2240		2005-2405	2005-2405	2005-2405	
Max. height at safety frame	mm	2500		2500		2525	2525	2525	
Max height at cab	mm	2460		2460		2485	2485	2485	
Ground clearance	mm	360		360		300	390	390	
Wheelbase	mm	2100		2100		2185	2230	2230	
Front track min.- max.	mm	1460-1760		1460-1760		1350-1440	1450-1850	1450-1850	
Rear track min.- max.	mm	1500-1800		1500-1800		1500-1900	1500-1900	1500-1900	
Minimum steering radius without braking	mm	3900		3900		3570	3900	3900	
Weight with safety frame	kg	3000		3000		3150	3200	3200	
Weight with cab	kg	3230		3230		3350	3410	3410	

TRANSMISSION	
Gearbox clutch	hydrostatically operated
Mechanical gearbox 30 FWD + 15 REV	with OVERSPEED - 5 synchronised gears, 3 gear ranges with creeper + underdrive (min. speed: 0,24 km/h)
POWERSHIFT gearbox 45 FWD + 45 REV	with OVERSPEED - (3 power gears) 5 synchronised gears, 3 gear ranges with creeper (min. speed: 0,20 km/h)
Max. speed	OVERSPEED gearbox 50 km/h (speed limited to 40 km/h for legal purposes, even at economy engine speed)
Shuttle	mechanical, synchronised
	hydraulic under load with Stop&Go function
Rear differential lock	electro-hydraulically operated
Lubrication	forced with transmission oil cooler

POWERSHIFT WITH OVERSPEED GEARBOX 45 FWD + 45 REV - SPEEDS IN KM/H AT AN ENGINE SPEED OF 2200 RPM WITH 480/70 R 30 REAR TYRES															
	1 SR	2 SR	3 SR	4 SR	5 SR	1 L	2 L	3 L	4 L	5 L	1 V	2 V	3 V	4 V	5 V
LOW	0,20	0,30	0,44	0,65	0,95	1,28	1,87	2,78	4,09	6,05	7,06	10,30	15,31	22,55	33,29
MEDIUM	0,24	0,35	0,52	0,77	1,15	1,54	2,24	3,33	4,91	7,26	8,48	12,36	18,37	27,06	39,95
HIGH	0,29	0,43	0,64	0,94	1,39	1,86	2,72	4,04	5,96	8,80	10,27	14,98	22,26	32,80	48,42**

REAR P.T.O.	
Clutch	multiple, oil-immersed discs, electro-hydraulically operated
Speed	rpm
	rpm
	multiple, oil-immersed discs, electro-hydraulically operated
540-540 ECON	
540-540 ECON-1000	
synchronised P.T.O.	
Operation	electro-hydraulically operated, push-button control

FRONT P.T.O.	
Clutch	multiple, oil-immersed discs, electro-hydraulically operated
Speed	rpm
1000	
Operation	electro-hydraulically operated, push-button control

BRAKES AND STEERING	
Braking system	all wheel braking, oil-immersed discs on all 4 wheels, hydrostatically operated
Parking brake	independent
Trailer braking	hydraulic braking valve
Hydrostatic steering	independent pump, adjustable steering wheel
Steering angle	2WD
	4WD
70°	
55°	

HYDRAULIC LIFT	
Rear power lift	mechanical
	electronic
Maximum lifting capacity	kg
	3000
Pump delivery	l/min.
54	
Auxiliary hydraulic control valves	no. ways
4/6 with flow regulator	
3 point linkage (link arms and top link)	fixed hitching balls
	automatic hitching
	original built in
	maximum lifting capacity 1750 kg
Front lift	quick fit ballast, 250 kg

DRIVING POSITION	
Platform	suspended on silent-block
Safety frame	two rear uprights
Cab	four uprights, original sound-proofed and pressurised, opening windscreen, rear windscreen wiper, 4 work lights, active carbon air filter, telescopic rear-view mirrors
	as above with "high visibility" roof
Cab conditioning	air conditioning, ventilation, heating, forced recirculation
Instruments	digital display
Driver's seat	mechanical adjustment, safety belt
	pneumatic suspension, safety belt

DEALER CONTACT



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Company with  
Quality System Certified  
in compliance with  
ISO 9001:2000



\*=R2 100 ONLY HI-PROFILE VERSION  
\*\*=FOR SOME COUNTRIES SPEED LIMITED TO 40 KM/H ALSO AT ECONOMY ENGINE SPEED FOR LEGAL PURPOSES  
\*\*\*=OVERBOOST A 95HP  
PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY LOWER THAN THE CORRESPONDING FORWARD SPEEDS.

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.