

R4_{VRT}

100_110



Deutz 2012 series TIER III engines, 4-cylinder 4038 cc, turbo/intercooled, B100 compatible

Ergonomically designed cab with four uprights, multifunction armrest and built-in side console

Continuously variable transmission with three driving modes (Auto/PTO/Manual) and Cruise Control

SENSE CLUTCH shift-on-the-go hydraulic reverse shuttle, with response control and Stop&Go feature

Electronic lift with maximum lifting capacity 6200 kg

ENERGY SAVING electrohydraulic spool valves, 6/8 ports with flow regulator

Hydraulic P.T.O. (540/540ECO/1000), independent ground speed power take-off and Auto PTO function

Hydrostatic braking on all four wheels, with PARK BRAKE

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

Version		R4.100 VRT 4WD	R4.110 VRT 4WD
ENGINE		DEUTZ 2012 TIER III	
Cylinders/Displacement	n°/cm³	4/4038	4/4038
Air intake		Turbo Intercooler	Turbo Intercooler
Rated power at nominal engine speed (2000/25/CE)	Hp/kW	99/73	109/80
Nominal speed	rpm	1800	1800
Maximum speed	rpm	2100	2100
Maximum torque	Nm	380	400
Speed at maximum torque	rpm	1400-1700	1400-1800
Torque rise	%	30	28
Cooling		liquid-oil	
Engine control		electronic management	
Air cleaner		dry type with dual filter elements	
Silencer under hood		exhaust pipe on cab upright	
Fuel tank capacity	litres	160	
DIMENSIONS AND WEIGHTS (rear tyre size)		480/70 R34 (16.9 R34)	
Max length without lift links	mm	4150	
Width min-max	mm	2050-2458	
Maximum height at cab	mm	2660	
Ground clearance	mm	500	
Wheelbase	mm	2340	
Front track width min-max	mm	1600-2100	
Rear track width min-max	mm	1600-2100	
Minimum turning radius without braking	mm	3500**	
Weight with cab	kg	4400	

* = "HIGH VISIBILITY" ROOF WITHOUT AIRCON UNIT
** = WITH WHEELS AT FULL LOCK

TRANSMISSION		
Gearshift clutch		hydraulic, multi-disc
Continuously variable transmission		2 ranges, "Transport" and "Heavy Duty", with Auto/P.T.O./Manual, Cruise control and PowerZero functions
Top speed	km/h	40 km/h obtainable both at nominal engine rpm and in economy mode (1800 rpm), with electronic engine management
Reverse shuttle		hydraulic, SENSE CLUTCH shift-on-the-go + STOP&GO).
Front/rear differential locks		electrohydraulically operated
Lubrication		forced

BRAKES AND STEERING	
Braking action	all-wheel, with oil-immersed discs on each hub, hydrostatically operated
Parking brake	PARK BRAKE
Trailer braking	hydraulic braking valve
Hydrostatic power steering	air-braking system
Steering angle	independent pump
Steering angle	55°

FRONT AXLE	
Four wheel drive	engaged electrohydraulically
Front differential lock	engaged electrohydraulically
Front weights	8 x 40 kg suitcase
	400 kg quick-hitch (machines with front lift)

FRONT P.T.O.	
Clutch	oil-immersed multi-disc
Speed	rpm 1000
Operation	pushbutton electrohydraulic

REAR PTO	
Clutch	oil-immersed multi-disc
Speed	rpm 540-540 ECO-1000
	Independent ground speed PTO and Auto PTO
Operation	electrohydraulic

HYDRAULIC LIFT	
Rear powerlift	electronic
Maximum lifting capacity	kg 5300 or 6200
Pump displacement	l/min 58
Electrohydraulic auxiliary spool valves	n° ports 6/8

3-point linkage (link arms and top link)	fixed link ends
	auto-hitch
Front lift	with double acting cylinders
	original built-in structure
	maximum lifting capacity1800 kg

DRIVING POSITION	
Cab	one-piece structure with 4 uprights, "high visibility" roof, opening windscreen, rear screen wiper, air filter, 4 work lights
Cab climate control	air conditioning, ventilation, heater and forced recirculation
Instruments	digital
Driver seat	mechanically adjustable, with safety belt
	with air suspension and safety belt

DEALER CONTACT



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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.