

REX 90V/S

83 Engine HP

Landini



A HARVEST OF SUCCESSES

The quality of vineyard and orchard growing largely depends on the use of highly specialized machines, designed to meet the requirements of these particular types of cultivation. For this reason, Landini offers the REX 90V for vineyards and REX 90S for narrow orchards.

Each machine features extremely compact dimensions to allow for maximum maneuverability in confined areas. A 4-cylinder diesel engine delivers 83 horsepower to the purpose-built shuttle transmission for excellent all-around performance. Robust hydraulics and heavy-lifting rear 3-point hitch can handle a wide variety of specialty implements.

To match the compact dimensions of the tractors, the Landini REX 90S and REX 90V offer customers a choice of an open station with folding ROPS, or a factory cab with excellent visibility and standard HVAC for year-round comfort.

Perkins® Diesel Engines

The REX 90V/S tractors are powered by the Perkins® 1104D-44T 4-cylinder diesel engine that displaces 4.4 liters. Boasting a turbocharger and mechanical direct fuel injection, this power plant generates high power and torque to pull through tough conditions while maintaining excellent fuel economy.

Capable Transmission

The main gear shift and reverse shuttle levers are comfortably located near the steering wheel for easy reach and operation of the 24 forward and 12 reverse speeds. Mechanical synchronized shuttle allows for easy direction changes on-the-roll, and engaging the overdrive gear allows for a maximum speed of 25 mph (40 kph). An available creeper adds additional versatility to an already capable transmission.

4wd Front Axle

With 4wd and a 55-degree steering angle, the front axle of the REX 90V/S models provides exceptional maneuverability. The front wheel drive engages with the press of a button for easy operation, and a fully locking front differential engages with the rear axle for true all-wheel pulling. When both brake pedals are pressed, the 4wd clutch automatically engages for 4-wheel braking.





Specialized, Deluxe Cab

Despite their compact dimensions, the REX 90V/S tractors feature a comfortable cab with curved windows for extra room and all-glass doors for exceptional visibility. The twin doors open widely to allow easy access from either side of the tractor, and the interior is extremely stylish with logical layout of controls.

An adjustable steering wheel and available air-suspension seat promote a high level of comfort inside the sealed environment. The HVAC system, located in the roof, filters the air for a cleaner, healthier operator's environment.

Top Performance Hydraulics

The REX 90V/S tractors let the customer choose the configuration of the hydraulic system and valve layout to fit the highly specialized vineyard and narrow orchard market. The versatility of the open center system allows these machines to manage a wide variety of implements.

- **Double Pump:** The standard double pump arrangement provides up to 13.7 gpm (52 lpm) of flow to the remote valves. A dedicated steering pump delivers 7.9 gpm (30 lpm) of flow.
- **Triple Pump:** The optional triple pump configuration brings the total system flow up to 26.4 gpm (100 lpm) for extreme hydraulic demands.
- **Three rear remote valves** are standard equipment. However, a customer can configure a REX 90V/S tractor with up to 5 remote valves and 9 sets of quick-connect couplers for maximum versatility.

Rear 3-point Hitch and PTO

A Category 2 rear 3-point hitch operates mechanically to provide a maximum lifting capacity of over 5700 lbs (2600 kg) for handling large mounted implements. Controls integrated into the right hand console allow for both position and draft sensing operation.

A lever below the steering wheel hydraulically operates the rear PTO clutch for smooth, progressive engagement.

Tractor Model		REX 90V	REX 90S
Engine			
Max. Engine HP (ISO)	HP (kW)	83 (62)	
Max. PTO HP (ISO)	HP (kW)	70 (52)	
Max. Engine Torque	lb ft (Nm)	260 (192) @ 1400 RPM	
Engine Type	Perkins 1104D-44T 4-cylinder turbocharged direct injection diesel engine		
Engine Size	4.4 liter (266 CID); 4-cylinder		
Fuel Tank Capacity	11.8 gallons (45 liters)		
Drive Train			
Standard Transmission	24x12 with overdrive		32x16 with overdrive and creeper
Gears and Ranges	4 synchronized gears; 3 ranges		
Shuttle Type	Mechanical synchronized shuttle with overdrive gear		
Clutch Type	Dry dual disc clutch; foot operated for transmission		
Rear Axle	Solid cast steel housing; outboard planetary final drives; heavy duty wet multi-disc brakes		
Differential Lock	Front and rear fully locking differentials; electronic control; hydraulic engagement		
4wd Front Axle	Electro-hydraulic engagement	Electro-hydraulic engagement; integrated front brakes	
Hydraulics, 3-point Hitch, PTO			
Standard Hydraulic System (Double Pump)	gpm (lpm)	Dedicated steering pump 7.9 (30); implement pump 13.7 (52)	
Optional Hydraulic System (Triple Pump)	gpm (lpm)	Dedicated steering pump 7.9 (30); twin implement pumps totaling 18.5 (70)	
Remote Valves	3 standard; up to 5 available; up to 9 sets of quick couplers with splitter pipes		
Rear 3-point Hitch	Category 2 hitch; 5,730 lb (2600 kg) lift capacity; mechanical control; fixed ball ends		
Rear PTO	540 RPM speed; 1 3/8 inch 6-spline shaft; hydraulic engagement via hand lever		
Operator's Area			
Open Operator's Station	Isolation-mounted platform; rubber-coated foot deck; suspended vinyl seat; forward-folding ROPS		
Cab (not available in GE Configuration)	Isolation-mounted 4-post structure; 2 glass doors; rubber-coated foot deck; HVAC; optional air-suspended seat		
Tractor Wheel and Tire Equipment	7.5-16 front; 12.4R28 rear		280/70R16 front; 360/70R24 rear
Wheelbase	in (mm)	84 (2130)	84 (2130)
Height over ROPS	in (mm)	91.1 (2315)	97.6 (2480)
Height over Cab	in (mm)	90 (2285)	97.6 (2480)
Minimum Overall Width	in (mm)	45 (1140)	47.5 (1213)
Ground Clearance	in (mm)	10.8 (275)	9.8 (250)
Base Weight ROPS	lb (kg)	5,842 (2650)	5,842 (2650)
Base Weight Cab	lb (kg)	6,503 (2950)	6,503 (2950)