

LOW REGULATED COUNTRIES

  
ARGO TRACTORS

# REX



# REX

80 • 90 • 100 • 110 • 120

*Landini*

Passion for Innovation.



# REX

## HIGHLIGHTS

- High-visibility four-post cab with climate control, radio system and opening front and rear windows for safety and year-round comfort.
- Rugged, user-friendly transmission providing the right speed for every application.
- Braked four-wheel drive front axle with Hydra-Lock locking differential and four-wheel braking for agility, traction and safety in all conditions.
- Maximum hydraulic flow: 60 + 30 l/min.  
Up to three remote valves ensuring maximum implement compatibility and higher efficiency.

PLAT

CAB





## SPECIALIST IN VERSATILITY

The **REX** specialty tractor from Landini combines a compact footprint with extreme manoeuvrability and versatility. It comes in two versions: **REX F**, designed for work in vineyards and between tight orchard rows; and **REX GE**, ideal for low orchards and vineyards, overhead trellis systems and tunnel crops. With a minimum width of 1380 mm, a minimum height to the steering wheel of 1256 mm, a wheelbase of 2124 mm and a steering angle of 55°, the **REX** is equally perfect for municipal applications. Featuring an Italian-style driving position with lowered footboards for greater operating comfort, the **REX** is available in ROPS and cab configurations. All models in the range are powered by Perkins 4.4-litre, 8-valve, 4-cylinder engines with power ratings from 74 to 111 hp.

The synchro shuttle transmission provides 12F/12R speeds and can be equipped with a two-speed Hi-Lo powershift and a creeper providing up to 32F/32R gears with advance speeds between 0.4 and 40 km/h.

The efficient hydraulic system supplies 30 l/min to the steering system and 60 l/min to the hitch and remote valves. A 30-litre oil take-out capacity is available for operating heavy implements. The **REX** come standard with a three-speed PTO, up to three remote valves, and a rear hitch lifting up to 2700 kg. A 61-litre fuel tank enables full day operation without refuelling. True to its tradition, the **REX** offers innovative solutions for enhanced productivity and superior comfort.

### PERKINS ENGINES: EFFICIENCY AND FUEL ECONOMY

The **REX** range is powered by 4.4-litre, 8-valve, 4-cylinder engines with power ratings from 74 to 111 hp and a maximum torque of 416 Nm at 1400 rpm. Available in naturally-aspirated, turbocharged and turbo aftercooled versions, the Perkins engines ensure quick response under load and at low rpm, providing excellent pulling power and fuel economy.



### HYDRA-LOCK FRONT AXLE, A CHAMPION OF MANOEUVRABILITY

The Hydra-Lock braked rigid front axle is manufactured according to the highest quality standards at Landini's facilities. The Hydra-Lock allows full differential lock engagement for superior traction and safe braking performance in any situation.



### A RELIABLE TRANSMISSION FOR ANY APPLICATION

Our transmissions are manufactured at Landini's factory to ensure high quality, strength and efficiency. Available with either synchro or power shuttle shifting, they come with a choice of either 12F/12R or 16F/16R speeds. With the Hi-Lo powershift and the creeper, the speeds available are 32 going forward and 32 in reverse.



		REX 80 F-GE	REX 90 F-GE	REX 100 F-GE	REX 110 F-GE	REX 120 F-GE
<b>ENGINE</b>						
Max power (97/68/EC - ISO TR 14396)	hp/kW	74 / 54.5	83 / 61	92.5/ 68	102 / 74.9	110 / 81
Rated engine speed	rpm	2200				
Engine speed at max power	rpm	1400				
Max torque at 1400 rpm	Nm	261	352	393	416	416
Manufacturer		Perkins				
Emission stage - without after-treatment system		TIER 3				
Cylinders / Displacement / Valves		4 / 4.4 l / 8				
Air Filter	Dry element	●	●	~	~	~
	Power Core	~	●	●	●	●
Air intake system		aspirated	turbo	turbo aftercooled	turbo aftercooled	turbo aftercooled
Fuel injection system / Filtration system		direct injection / ● fuel filter with pre filter				
<b>CAPACITIES</b>						
Fuel tank	l	61				
<b>TRANSMISSION</b>						
Type		● mechanical (synchro shuttle) - ○ electrohydraulic (RPS)				
No. of gears - std		● 12 FWD + 12 REV				
No. of gears - opt		○ 16 FWD + 16 REV - ○ 32 FWD + 32 REV (Hi-Lo)				
Creep		○				
Minimum speed with creeper	m/h	350 (F - IR 650 Hi-Lo) - 320 (GE - IR 525 Hi-Lo)				
<b>REAR PTO</b>						
Type		● mechanical - ○ electrohydraulic (RPS)				
Speeds		● 540/540E - ○ 540/1000				
Ground speed PTO		○				
<b>FRONT AND REAR AXLES</b>						
Front 4WD axle w/o Hydralock w/o brakes		●				
Front 4WD axle w/limited slip differential w/o brakes		○				
Front 4WD axle w/Hydralock w/brakes		○				
Traction type		● 4WD				
Front differential lock		○ Hydralock full diff lock (4WD) - ○ Limited Slip diff lock (4WD)				
Rear differential lock		● electrohydraulic				
<b>BRAKING SYSTEM</b>						
Front braking system		● w/o front brakes - ○ w/front brakes				
Rear braking system		ring piston brakes				
Trailer braking system		EEC export version				
<b>HYDRAULIC SYSTEM</b>						
Hydraulic flow for rear hitch & remotes + steering	l/min	● 52+30 - ○ 60+30				
Rear remote valves - type, number		1 up to 3 mechanical				
Free flow return		●				
<b>REAR 3-POINT HITCH</b>						
Rear hitch control		● mechanical				
Category - coupler type		II - ○ fixed balls ends (F version) - ○ quick-hitch hooks (F) - ○ quick-hitch hooks with 90° arms (F-GE)				
Ergonomic Lift System (E.L.S.)		○				
Max lifting capacity at hitch points	kg	● 2700				
<b>CAB - PLATFORM</b>						
Platform / cab configuration		● ROPS / ○ CAB (F version only)				
Total View Slim cab mounted on silent blocks		~				
Mechanical seat		●				
<b>WEIGHTS AND DIMENSIONS</b>						
Wheelbase	mm	2124				
Max height over ROPS cab without beacon lights	mm	2365 (F - PLAT) - 2422 (F - CAB) / 2240 (GE - PLAT)				
Shipping weight - measured with average specs	kg	2800 plat / 3000 cab				
Gross vehicle weight	kg	5250				
Max rear tyre sizes - (Index Radius - IR)	mm	380/85 R28 (4WD - IR 650) F / CAB - 380/75 R20 (4WD - IR 525) GE				

Key: ● standard ○ option ~ not available

All data and illustrations provided in this brochure are for information purposes only and can be changed without notice.