

Rex

F-GE



3 Models specifically designed to meet your Specialty Applications.

F Model (narrow orchard) ideal for small-sized orchards.

GE Model (low orchard) ideal for low orchard plantations.

GT Model (large orchard) for standard orchards and open fields.



TIER 3A ENGINES

MORE POWER, MORE PRODUCTIVITY

A powerful range of engines that comply with Tier 3 emission standards. These four-cylinder Perkins 1100D engines have been specially designed to meet the demands of agricultural use. The Rex series comes with engine models covering a power range of 83 (turbo only), 92.5, 102 and 110 ISO Engine HP (Turbo After-cooled). The full tilting hood provides easy access to the engine for routine service and daily maintenance.

TRANSMISSION OPTIONS

SPEED FOUR AND SPEED FIVE

The **SPEED FIVE** gearbox with the synchronized reverse shuttle features a mechanical gearbox with five synchronized speed ratios and three ranges, slow, standard and fast providing **15 forward speeds + 15 reverse speeds** up to 25 MPH. A Creeper can be applied to the gearbox to add FIVE ultra-slow forward speeds beginning at 0.20 mph for a total of 20 forward speeds.

The TECHNO version (**SPEED FOUR**) is equipped with a gearbox offering **12 forward speeds and 12 reverse speeds** and a maximum speed of 22 MPH.

POWERFIVE is an electro-hydraulic wet clutch powershift that can be shifted under load and that, when used in conjunction with the basic gearbox, doubles the number of speeds: **40 FWD + 40 REV** (with creeper). It's operated by simply pressing on the green pushbutton integrated in the gearshift lever without using the clutch pedal. The **PowerShuttle** feature also uses wet clutches and is controlled by an orange lever on the left side of steering column.

The **DECLUTCH** feature allows smooth shifting of the synchronized speed gears without using the clutch pedal, by holding the orange button integrated on the gearshift lever. The clutch pedal is used only for very precise tractor maneuvers in tight spaces or when connecting implements.

FOUR WHEEL DRIVE AXLE

The MDF axles of Rex orchard tractors have been specifically conceived for this product offering a choice of two different width 4WD axles: one for F and GE versions (Narrow Beam) and one for the GT models (wide beam).

All versions are specifically designed to meet the tough demands of the fruit industry with a central transmission input, "hydralock" type front differential lock, oil-cooled front brakes, and Epicyclic final drives.



IBS INTEGRAL BRAKING

The IBS integral braking ensures braking with all four wheels when both pedals are pressed when latched together. When the pedals are unlatched, the operator will still retain the advantage of single rear wheel braking for assistance when maneuvering in tight spaces. With the "IBS", braking distances are reduced by 50%, compared with regular rear axles.



TWIN-LOCK DIFFERENTIAL LOCK

Provides simultaneous electro-hydraulic engagement of the front and rear differentials to provide maximum traction power during open field work in extreme conditions.

POWER LIFT HITCH

Hydraulic Power Lift system is standard on platform models. The Electronic PowerLift System allows for more accurate adjustment of the lifting system, and is available on all Cab Top versions.

POWER TAKE OFF

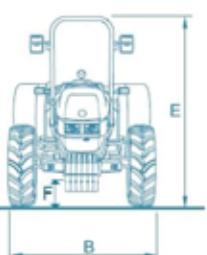
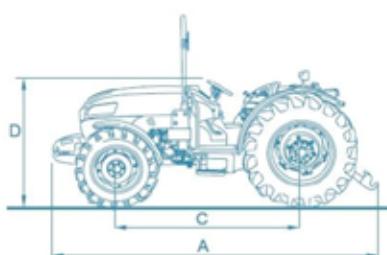
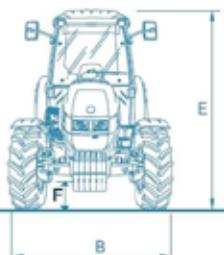
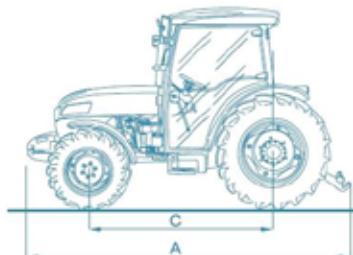
A mechanically operated PTO is standard on the Techno version (synchroshuttle). An electro-hydraulically operated PTO comes with the TOP version (powershuttle) providing smooth progressive engagement for enhanced efficiency and productivity.

AUXILIARY VALVE OPTIONS

A variety of 2-spool valves are available to run just about every Orchard and Vineyard implement. Standard: GP409 (1- Standard, 1-Float) with options of front splitting pipes and front quick coupler. Option 1: GP640 (1 motor with F/D +float). Option 2: GP646 (1 motor w/FD + Standard) includes Hydraulic Leveling Control for 3 point linkage.



DIMENSION AND WEIGHTS	REX	REX	REX	REX	REX
	90	90	90,100,110,120	90,100,110,120	110, 120
	F Techno	GE Techno	F Top	GE Top	GT Top
Front Tires	280/70R18	260/70R16	7.5R18	260/70R16	280/70R18
Rear Tires	16.9R24	14.9LR20	13.6R28	14.9LR20	420/70R24
A-Min. Length	IN. 158	158	158	158	158
B-Min. Width	IN. 57	56	57	56	61
C-Wheelbase	IN. 84	84	84	84	84
D-Height to Steering Wheel	IN. 57	51	57	51	57
E-Height to Safety Frame	IN. 91	85	91	85	91
E-Height Over Cab	IN. 89	n/a	89	n/a	89
F-Ground Clearance 4RM	IN. 9.4	7.5	8.7	7.5	9.4
Weight 4WD (W/O Ballast +287LB.Cab)	LB. 6272	5600	6272	5600	6316
Front Tracks Min. 4WD	IN. 46	46	46	46	50
Front Tracks Max. 4WD	IN. 56	56	56	56	64
Rear Tracks Min. 4WD	IN. 39	39	39	39	42
Rear Tracks Max. 4WD	IN. 56	51	56	51	59



**REX 90
F- GE****REX 100
F-GE****REX 110
F-GE-GT****ENGINE**

Perkins "Tier3 Engine"	HP	1104D-44T	1104D-44TA	1104D-44TA
Max. Power (ISO)(Synchro Shuttle Vt)	HP	83	93	102
Rated Speed	RPM		2200	
Max. Torque	FT. LBS.	260	290	307
Max. Torque Speed	RPM		1400	
Bore/Stroke	IN.	4.1/4.7	4.1/4.7	4.1/4.7
Displacement/Cylinders	CU.IN.(CM ³)		268 (4400) / 4 T	
Compression Ratio		18.2:1	18.2:1	18.2:1
Fuel Tank Capacity F-GE	GAL		17	
Fuel Tank Capacity GT	GAL		22	

CLUTCH

Independent Dual Dry Clutch	IN.	12
Mechanically Operated		Synchro Shuttle Only
Multi-Disc Wet Clutch		Power Shuttle Only
Declutch Control: Button Operated Clutch		Power Shuttle Only

TRANSMISSION

12Fwd+12Rev Synchro-Shuttle	TECHNO Models Only	Speed Four	N/A
16Fwd+16Rev Synchro-Shuttle		Creeper+Speed Four	N/A
15Fwd+15Rev Synchro or Power-Shuttle			3 range+Speed Five+Mech. Rev. Shuttle
20Fwd+20Rev Synchro or Power-Shuttle			3 range+Creeper+Speed Five+Mech. Rev. Shuttle
30Fwd+30Rev Power-Shuttle			3 range+Power Five+2 Spd Pwrshift+Hyd. Rev. Shuttle
40Fwd+40Rev Power-Shuttle			3 range+Creeper+Power Five+2 Spd Pwrshift+Hyd. Rev. Shuttle

POWER TAKE-OFF

Power-Assisted Mechanical Engagement		Standard on Synchro-Shuttle		
Oil-immersed Multi-Disc Hydra PTO		Standard on Power-Shuttle		
Electrohydraulic Engagement		Standard on Power-Shuttle		
1 3/8" (34.9MM) PTO Shaft with 6 Splines		Standard on all models		
Ground Speed PTO		Optional		
Net PTO Power (ISO)	HP	71	79	87

4WD FRONT AXLE

Electrohydraulic 4WD Engagement		Standard	
Max. Steering Angle		55°	
Twin-Lock Electrohydraulic Diff-Locks		Standard	
Limited Slip Diff-Locks *	TECHNO ONLY	N/A	N/A

BRAKES

Hydrostatic Control		Standard
IBS - Integral Braking System		Standard
4 WD Automatic Engagement on Braking		Standard

HYDRAULIC SYSTEMS

Draft, Position, Intermix and Float Control Functions		Standard
"LANDTRONIC" Electronic Power Lift		Optional (Only Cab Version)
Standard Lifting Capacity	LBS.	5720
Additional Capacity with 1 Auxil. Cyli	LBS.	N/A
Hydraulic Flow@ Remote	GPM	13.8 (7.8) Power Lift (Steering)
Cat. 2 Three-Point Hitch		Standard
Hydraulic Adjustment of Right Lifting Rod		Standard
Auxiliary Valves Std. F-GE-GT		2 / 2 / 3
Flow Divider		Optional
Triple Pump Hydraulic Flow		10.8/7.8/10.8 (Power Lift+Steerign+Aux. Valves)
Triple Pump+3 Front Aux. Valves+Joystick		Optional

McCormick International USA, Inc.

2590 Breckinridge Blvd. • Duluth, GA 30096

866.924.4733 • www.McCormickUSA.com

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