

NEW

REX4

4-070 • 4-080 • 4-090 • 4-100 • 4-110 • 4-120 CAB



Landini



REX4 F - GT - V Cab:
the all-round specialist

There's just one word to describe the fourth generation of Rex specialty tractors: INNOVATIVE.

The new REX4 range is not only cutting edge in terms of design, ergonomics and comfort, but also incorporates advanced features and technologies in line with the highest standards for specialized agricultural machinery.

The REX4 F-GT-V cab tractors set a new benchmark in the segment of specialty tractors for narrow orchards (F), large orchards and open field applications (GT), and vineyards (V).

The REX4 offers a host of new features, starting with its 2.9-liter Deutz TCD L4 four-cylinder engines meeting Tier4 Interim emissions regulations. All models in the range come standard with exhaust gas recirculation system (EGR), diesel oxidation catalyst (DOC) and Engine Memo Switch, a device that allows operator to store engine rpm during operations with attached implements, resulting in increased working speed and productivity.

The range is comprised of six models for the F version and five models for the GT and V versions that provide power ratings from 70 to 112 hp at 2000 rpm. The REX4 tractors are equipped with high-capacity fuel tanks – 80 litres for the F and V models and 90 litres for the GT models – ensuring extended run-times between refuelling stops.

The transmission, developed by Argo Tractors, offers four speeds in three ranges and features a synchro or power shuttle. Optionally, it can be fitted with either a Power Four two-stage powershift (Hi-Lo) or a T-Tronic three-stage powershift (HML). A creep speed unit is also available as an option. The PTO with either two or four speeds (540, 540Eco, 1000, 1000Eco) is engaged electro-hydraulically by push button.

The hydraulic system of the REX4 is the most flexible in its class, making for enhanced performance and increased efficiency. The system offers the choice between a twin pump with 50+28 l/min flow rate and a triple pump delivering 41+41+28 l/min and can be equipped with up to three mechanical and up to four electrohydraulic remote valves. Three front remotes, a flow selector and a flow divider are also available as extra features.

The REX4 can be equipped with a mechanical or electronic rear hitch that provides a maximum lift capacity of 2700 kg for all versions and of 3400 kg for the GT models.

For this new tractor series, Argo Tractors engineers have designed a new range of dedicated high-pivot front axles with increased swing for easier 55-degree steering. The F and GT versions can be equipped with central suspension system in place of the standard rigid axle. For the V models, the high-pivot axle is available in both a standard version and a narrow version allowing a minimum overall width of 1000 mm to be reached.

All models in the range are available with both 24-inch and 28-inch rear tyres. As an all-rounder catering for wide orchard work, field tasks and transport applications, the GT version can also be fitted with 30-inch rear tyres.





With the sleek, dynamic lines of its hood and its automotive-style lights seamlessly integrated into the front grill, the REX4 has a stunning design that fully reflects the family styling of Landini line-up.

The new four-post cab features the same dynamic design and offers the operator an ergonomic environment with an optimized driving position, a flat central tunnel, high-quality fit and finish and outstanding forward visibility for easier use of front-mounted implements. The cab has an outer width of 1250 mm for the F and GT versions and of 1000 mm for the V version. The Total View cab comes standard with climate control and pressurisation. A Category 4 protection with additional activated carbon filters is available as an option to create a perfectly pressurized environment controlled by pressure sensors for maximum operator safety during pesticide spraying.

Compactness, ergonomics, comfort, design and flexibility are the key qualities the market of specialized tractors demands today – the same qualities that have made the Rex range so popular throughout the years. The REX4 maintains these qualities unaltered, while introducing innovative features and technologies that fully meet the ever-changing demands of this specialised market segment.



REX4 V



REX4 F - GT



REX4: flexibility
and ergonomic comfort
in a compact design



KEY FEATURES & BENEFITS

- › SIX MODELS POWERED BY DEUTZ TCD 4-CYLINDERS ENGINES FROM 70 TO 112 HP
- › EXHAUST GAS RECIRCULATION SYSTEM (EGR) WITH DIESEL OXIDATION CATALYST (DOC) TO MEET TIER4 INTERIM EMISSIONS REGULATIONS
- › ENGINE MEMO SWITCH TO STORE ENGINE RPM
- › SIMPLE MAINTENANCE OF ENGINE AND COOLERS
- › FRONT AXLE WITH CENTRAL SUSPENSION SYSTEM

NEW DEUTZ TCD SERIES ENGINES

All models of the REX4 series are powered by the new Deutz TCD L4 four-cylinder turbo engines with four-valve technology, inter-cooler and electronic common rail injection system. The highly-efficient Deutz common rail system provides more power, higher torque backup and better fuel economy, resulting in great flexibility of use.

An innovative exhaust gas recirculation system (EGR) with diesel oxidation catalyst (DOC) allows these engines to meet Tier4 Interim emissions regulations without the use of a diesel particulate filter (DPF), thus eliminating the need for a regeneration process. The six models in the range provide power ratings from 70 to 112 hp at 2000

rpm. The REX4 tractors are equipped with 80-litre and 90-litre (GT version) fuel tanks for extended run-times between refuelling stops. The Engine Memo Switch, a device which allows operator to store the engine speed most suited to the implement used, and the lack of an exhaust gas regeneration system allow specific fuel consumption to be kept to a minimum compatible with the power demand. The streamlined hood, which reflects the Landini family styling, opens wide to provide easy access to the engine compartment for routine service and maintenance and to allow easy cleaning of coolers in dusty conditions (fig. A).





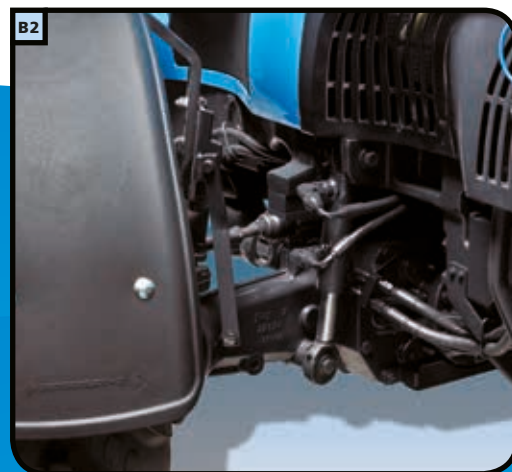
SUSPENDED FRONT AXLE

All REX4 tractors come with high pivot front axles with differential lock and increased swing for easier steering. Beside the rigid version, all F and GT models can optionally feature a front axle with central suspension system, differential lock and wet multi disc brakes that provides improved safety on rough terrains and enhanced riding comfort during transport operation (fig. B1/B2). For the V models, the high-pivot axle is available in two versions: standard or narrow, this allowing a minimum overall width of 1000 mm to be reached. Thanks to the combined front and rear differential locks, to the electrohydraulic four-wheel drive engagement and to the 55-degree steering angle, the REX4 makes for excellent manoeuvrability and maximum traction even in the toughest ground conditions. In addition, the combined action of the front (optional) and rear wet disc brakes makes for safe and efficient braking on all four wheels.



FRONT HITCH AND PTO (OPTIONAL)

The REX4 can be optionally equipped with a front hitch category 2 that provides a lift capacity of 1400 kg and with a 1000-rpm front PTO. Integrated into the radiator, the front hitch and PTO further enhance the tractor versatility for all applications.





KEY FEATURES & BENEFITS

- › SPEED FOUR MECHANICAL TRANSMISSION WITH POWER FOUR (HI-LO) OR T-TRONIC (HML) HYDRAULIC OPTIONS
- › GEAR LEVER-MOUNTED DECLUTCH BUTTON FOR MANUAL GEAR CHANGES
- › POWER SHUTTLE LEVER ADJACENT TO STEERING WHEEL
- › ECO FORTY (40 ECO) ALLOWING 40KM/H TO BE REACHED AT 1860 RPM FOR INCREASED FUEL ECONOMY
- › ATTRACTIVE AND AGGRESSIVE LOOK INSPIRED BY AUTOMOTIVE DESIGN
- › FOUR-POST CAB WITH FLAT-DECK PLATFORM FOR EASY ACCESS TO THE DRIVER'S SEAT AND SUPERIOR ALL-ROUND VISIBILITY
- › ACTIVATED CARBON FILTER WITH CATEGORY 4 FILTRATION

MECHANICAL OR ELECTROHYDRAULIC TRANSMISSION TO CHOOSE FROM

The REX4 tractors feature a versatile modular transmission (Speed Four) with four synchronized gears in three ranges offering 12 forward and 12 reverse speeds (40 km/h). Optionally, the basic gearbox can be integrated with either a Power Four transmission (Hi-Lo splitter) providing 32FWD+32REV speeds or a T-Tronic three-stage powershift (HML) giving a total of 48FWD+16REV speeds. A creeper providing speeds as low as 300 m/h is available as an option. All transmission options provide 40 km/h top speeds including a 40 km/h Eco Forty speed at 1860 rpm in the high range (HI), resulting in increased fuel economy during transport operations. The gearbox incorporates as standard a synchro shuttle or, optionally, an electrohydraulic power shuttle with control lever adjacent to the steering wheel. A shuttle modulation control allows adjustment of the power shuttle response to suit soil conditions and implement used.

Both the Power Four and T-Tronic transmissions feature a declutch function (orange button on the gearshift lever for electrohydraulic control of clutch) which, used in conjunction with the power shuttle, allows the operator to easily shift through all gears and change from forward to reverse without using the clutch pedal (fig. D-E).





TOTAL VIEW CAB FOR SUPERIOR VISIBILITY AND COMFORT

The cab of the REX4 tractor has been completely redesigned to maximise the operator's comfort. Featuring a four-post design with a flat-deck platform and rear hinged doors, the new Total View cab offers easy access to the driver's seat and superior all-round visibility.

The ergonomic arrangement of control levers and pedals, the joystick for control of remotes conveniently located within easy reach, the air suspension seat, the telescopic tilt-adjustable steering wheel and the automotive-grade fit and finish offer the operator a functional and comfortable environment for maximum productivity and ease of operation.

The highly-efficient climate control, standard on all models, combined with a whole new concept of soundproofing and pressurisation, makes the Total View cab clean and quiet, further enhancing operator comfort. In addition, an activated carbon filter with category 4 filtration is available as an option to guarantee maximum operator safety during pesticide spraying. Natural ventilation is ensured by the opening front and rear windscreens.

INSTRUMENT PANEL AND ADJUSTABLE STEERING WHEEL

The telescopic tilt-adjustable steering wheel is designed to tilt with the instrument panel. The digital instrument panel keeps the operator constantly informed on the tractor's performance.





KEY FEATURES & BENEFITS

- › 4-SPEED PTO WITH ELECTROHYDRAULIC ENGAGEMENT FOR SMOOTH AND MODULATED IMPLEMENT START-UP
- › ELECTRONICALLY-OPERATED REAR HITCH FOR PRECISE CONTROL OF IMPLEMENT
- › DOUBLE FRONT AND REAR HYDRAULIC COUPLERS
- › HIGHLY FLEXIBLE HYDRAULIC SYSTEM WITH CHOICE OF DOUBLE AND TRIPLE PUMPS
- › JOYSTICK FOR OPERATION OF FRONT IMPLEMENTS

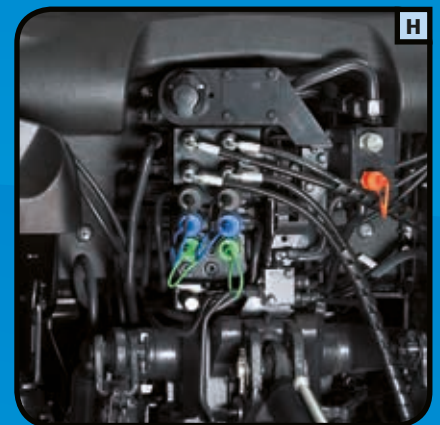
HYDRAULIC SYSTEM WITH DOUBLE OR TRIPLE PUMP

The hydraulic system of the REX4 offers great flexibility, resulting in optimised performance for every application. The hydraulic system comes standard with a double pump that supplies 50 l/min to the rear hitch and remotes and 28 l/min to the steering system. Optionally, the hydraulic system can be equipped with a triple pump that provides a flow rate of 44+41+28 l/m to operate, respectively, the rear hitch and remotes, the front remotes and the steering system.

The tractor can be equipped with up to seven rear remote valves, three mechanical and four electrohydraulic. Mid-mount remotes, a flow selector and a flow divider are also available as extra features.

Mid-mount front remote valves are controlled by a joystick enabling the operation of front- or mid-mounted implements (fig. G). The high-quality quick-release couplings, mounted on both the front and rear of the tractor, are easily accessible for convenient and fast operation (fig. F/H).

The F and V models can be equipped with rear hydraulic stabilizers, operated electro-hydraulically by two simple buttons, that control opening and closing of lower links. This function can be useful when attaching implements or when hitch adjustments during inter-row operation are required.





ELECTRONICALLY-OPERATED REAR HITCH

With the main controls conveniently integrated into the right-hand console, the rear hitch guarantees precise implement operation. (FIG. I) The sensors located on the three-point hitch allow optimum sensitivity adjustment for maximum efficiency of the tractor-implement combination. The three-point hitch category 2 offers a lift capacity of 2700 kg. The GT models can be optionally equipped with twin assistor rams ensuring a maximum lift capacity of 3400 kg. (FIG. N) The hitch controls are located on the rear fenders making it easier to attach implements from the ground. (FIG. L)



CHOICE OF TWO- OR FOUR-SPEED PTO FOR MAXIMUM VERSATILITY

The PTO offers standard two speeds: 540/540E rpm or 540/1000 rpm. A four-speed PTO providing 540/540Ee/1000/1000E rpm is available as an option. An electrohydraulic push button (P) (FIG. M), standard on all models, enables smooth and modulated engagement of the PTO, ensuring a soft start-up of the implement. An Auto PTO feature is available in combination with the electronic rear hitch. This will automatically disengage and reengage the PTO at three-point linkage heights set by the operator, giving the operator precise control of the implement during headland turns.



		REX4-070 F-V	REX4-080 F-GT-V	REX4-090 F-GT-V	REX4-100 F-GT-V	REX4-110 F-GT-V	REX4-120 F-GT
ENGINE							
DEUTZ TIER 4 INTERIM		2,9 TCD L4	2,9 TCD L4	2,9 TCD L4	2,9 TCD L4	2,9 TCD L4	2,9 TCD L4
MAX POWER ISO	HP/KW	70/52	76/56	90/66	95/70	102/75	112/82
RATED SPEED	RPM	2200	2200	2200	2200	2200	2200
MAX TORQUE	NM	272	300	378	400	410	420
DISPLACEMENT/No. OF CYLINDERS	CM³	2900/4 TA	2900/4 TA	2900/4 TA	2900/4 TA	2900/4 TA	2900/4 TA
FUEL TANK CAPACITY F-V / GT	L	80	80 / 90	80 / 90	80 / 90	80 / 90	80 / 90
CLUTCH							
INDEPENDENT DRY DUAL CLUTCH	IN	11	11	12	12	12	12
MECHANICALLY OPERATED		●	●	●	●	●	●
MULTI-DISC WET CLUTCH		○	○	○	○	○	○
DE-CLUTCH CONTROL: BUTTON-OPERATED CLUTCH		○	○	○	○	○	○
TRANSMISSION							
SPEED FOUR + SYNCHRO SHUTTLE 12FWD+12REV		●	●	●	●	●	●
SPEED FOUR + CREEPER + SYNCHRO SHUTTLE 16FWD+16REV		○	○	○	○	○	○
SPEED FOUR + POWER FOUR + CREEPER+ SYNCHRO SHUTTLE 32FWD+32REV		○	○	○	○	○	○
SPEED FOUR + POWER SHUTTLE 12FWD+12REV		○	○	○	○	○	○
SPEED FOUR + CREEPER + POWER SHUTTLE 16FWD+16REV		○	○	○	○	○	○
SPEED FOUR + POWER FOUR + CREEPER + POWER SHUTTLE 32FWD+32REV		○	○	○	○	○	○
SPEED FOUR + T-TRONIC + POWER SHUTTLE 36FWD+12REV		○	○	○	○	○	○
SPEED FOUR + T-TRONIC + CREEPER + POWER SHUTTLE 48FWD+16REV		○	○	○	○	○	○
ECO FORTY (40 KM/H) AT REDUCED ENGINE SPEED		○	○	○	○	○	○
PARK LOCK		○	○	○	○	○	○
POWER TAKE-OFF							
POWER-ASSISTED MECHANICAL ENGAGEMENT		●	●	●	●	●	●
AUTO PTO WITH ELECTRONICALLY-OPERATED HITCH		○	○	○	○	○	○
2 SPEEDS PTO 540/540E RPM		●	●	●	●	●	●
2 SPEEDS PTO 540/1000 RPM		○	○	○	○	○	○
4 SPEEDS PTO 540/540E/1000/1000E RPM		○	○	○	○	○	○
1 3/8 (34,9 MM) PTO SHAFT WITH 6 SPLINES		●	●	●	●	●	●
GROUND SPEED PTO		○	○	○	○	○	○
4WD FRONT AXLE							
ELECTROHYDRAULIC 4WD ENGAGEMENT		●	●	●	●	●	●
MAX. STEERING ANGLE	55°	55°	55°	55°	55°	55°	55°
TWIN-LOCK ELECTROHYDRAULIC DIFF LOCKS F/ GT / V	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○
LIMITED SLIP DIFF LOCKS		●	●	●	●	●	●
SUSPENDED AXLE F/ GT / V	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○
TWIN-LOCK ELECTROHYDRAULIC DIFF LOCKS FOR SUSPENDED AXLE F/ GT / V	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○
BRAKES							
WET MULTI-DISK REAR BRAKES		●	●	●	●	●	●
WET MULTI-DISK FRONT BRAKES F/ GT / V	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○	○/○/○
HYDRAULIC TRAILER BRAKES		○	○	○	○	○	○
REAR HYDRAULIC HITCH							
DRAFT, POSITION, INTERMIX AND FLOATING CONTROL FUNCTIONS		●	●	●	●	●	●
MECHANICALLY OPERATED		●	●	●	●	●	●
E.L.S. ERGONOMIC LIFT SYSTEM		○	○	○	○	○	○
ELECTRONICALLY OPERATED		○	○	○	○	○	○
MAX. LIFT CAPACITY	KG	2700	2700	2700	2700	2700	2700
CAPACITY WITH 2 ASSISTOR RAMS (ONLY FOR GT MODEL)	KG	-	3400	3400	3400	3400	3400
HYDRAULIC FLOW (LIFT+STEERING)	L/MIN	50 + 28	50 + 28	50 + 28	50 + 28	50 + 28	50 + 28
CATEGORY 2 THREE-POINT LINKAGE		●	●	●	●	●	●
HYDRAULIC ADJUSTMENT OF RIGHT LIFTING ROD		○	○	○	○	○	○
REMOTE VALVES STD	2	2	2	2	2	2	2
MID-MOUNTED REMOTE VALVES		○	○	○	○	○	○
TRIPLE PUMP FLOW RATE (STEERING+LIFT+VALVES)	L/MIN	28+41+41	28+41+41	28+41+41	28+41+41	28+41+41	28+41+41
TRIPLE PUMP + 3 FRONT REMOTE VALVES + JOYSTICK		○	○	○	○	○	○
FRONT HYDRAULIC HITCH							
LIFT CAPACITY	KG	1400	1400	1400	1400	1400	1400
FRONT PTO 1000 RPM		○	○	○	○	○	○
CAB AND DRIVING SEAT							
TOTAL VIEW CAB / RADIO ADAPTOR		●	●	●	●	●	●
FILTER CATEGORY STD/OPT	2/4	2/4	2/4	2/4	2/4	2/4	2/4
AIR-CONDITIONING		●	●	●	●	●	●
OPENING FRONT AND REAR WINDSCREENS		●	●	●	●	●	●
DIGITAL INSTRUMENTS		●	●	●	●	●	●
DIMENSIONS AND WEIGHTS							
A - LENGHT 4WD	MM	4370 4310	4370 4370 4310	4370 4370 4310	4370 4370 4310	4370 4370 4310	4370 4370
B - MIN. WIDTH	MM	1342 1003	1342 1478 1003	1342 1478 1003	1342 1478 1003	1342 1478 1003	1342 1478
C - WHEELBASE 4WD	MM	2140 2190	2140 2140 2190	2140 2140 2190	2140 2140 2190	2140 2140 2190	2140 2140
D - MIN. HEIGHT OVER CAB	MM	2400 2400	2400 2400 2400	2400 2400 2400	2400 2400 2400	2400 2400 2400	2400 2400
E - MIN. GROUND CLEARANCE 4RM	MM	250 230	250 250 230	250 250 230	250 250 230	250 250 230	250 250
F - MIN. FRONT TRACK 4WD	MM	1018 839	1018 1178 839	1018 1178 839	1018 1178 839	1018 1178 839	1018 1178
G - MIN. REAR TRACK 4WD	MM	1016 760	1016 1117 760	1016 1117 760	1016 1117 760	1016 1117 760	1016 1117
WEIGHT 4WD WITHOUT BALLASTS	KG	2800 2800	2800 2900 2800	2800 2900 2800	2800 2900 2800	2800 2900 2800	2800 2900
OPTIONAL EQUIPMENT							
6 FRONT BALLASTS 36 KG EACH		○	○	○	○	○	○
4 REAR BALLASTS 42 KG EACH		○	○	○	○	○	○

Key: ● standard ○ option - not available

