

'270' CROSS COUNTRY RALLY GEARBOX

Xtrac have produced a cost-effective 4WD gearbox that can be used in the T3 category Cross Country Rally, Xtrac is very proud of its association with Cross Country Rallying where our experience goes back to the beginning of the company in 1984.

This transmission represents an opportunity for Xtrac to combine its superior design and manufacturing skills with its experience of lightweight transmissions to fulfill all of the requirements of the Cross country Rally Championship.



Specification

- 5 or 6 speed with or without Hi-Lo P.T.O.
- 750Nm (552lbf ft) maximum engine torque*.
- Constant mesh dog selected reverse gear.
- Clutch shaft to suit customer requirements.
- Power Take Off on the RH side for 4WD.
- The plate centre differential has adjustable friction levels and preload, and a variety of ramp angles.
- A Semi dry sump re-circulating lubrication system with integral oil tank. Multi-stage simple eccentric rotor type pump. Oil cooler fittings, fill and level plugs.
- Oil baffles, oil filtration, magnets and gearbox-breathing optimized for increased efficiency.
- Aluminum casings with 'O'-Ring sealing.
- Dog ring and centre differential inspection holes.
- Centre diff lock.
- Suitable for Petrol and Diesel applications.
- Gearbox weight approximately 96kg maximum.

Gearbox Benefits

- Universal mountings to accommodate various installations.
- Proven Dakar credentials.
- Light, positive sequential gearchange.
- Cost effective, reliable solution.

Options Summary

- Magnesium RZ5 casings.
- Viscous differential.
- Bellhousing to suit customer requirements.
- Input drop gear module.
- Viscous Combined Plate (VCP) differential.
- Sequential gearbox potentiometer.
- Clutch Release Mechanism.
- Torque Sensing Clutch Shaft system.
- Quick Release Detent plunger System
- In car gear lever assembly.
- In car gear lever assembly for diff lock

Why choose Xtrac?

Quality

- Strict quality assurance procedures are carried out at every stage of manufacture
- Steels manufactured to Xtrac's own specifications.
- Every unit dynamically test run prior to dispatch.

Performance

- Xtrac's advanced engineering solutions keep our customers ahead of the competition
- Xtrac's in-house manufacture provides rapid response.
- Our processes and procedures are continually monitored and evolved to increase efficiency.

Reliability

To finish first, first you have to finish... Xtrac's track record speaks for itself:

- 26 Formula One World Championships
- 20 CART Championships • 15 Indy 500 Victories
- 21 Touring Car Championships • 23 World Rally Championships
- 10 Le Mans/Daytona 24 Hour Victories
- 14 Dakar Rally Victories
- 5 NHRA Drag Racing Championships
- 8 AMA MX/SX Championships

