

532 SUPER 2000 RALLY GEARBOX

Xtrac's '532' 4WD transmission has been designed specifically to cater for Rally cars competing under the FIA Super 2000 regulations, in series such as the Intercontinental Rally Challenge (IRC) and WRC support championship the S-WRC.

The gearbox specification meets all of the requirements of the FIA S2000 homologation regulations and has been approved for use in S2000 championships by the FIA.

To meet the FIA's requirements Xtrac has achieved the lowest possible costs, whilst ensuring a technically reliable and lightweight transmission solution built to their usual industry-leading quality standards.

SPECIFICATION

- 6 speed sequential
- 250Nm (185lbf ft) maximum engine input torque*
- Cast aluminium L169 casings
- Externally adjustable mechanical 'Salisbury' type plate front differential
- 50:50 fixed front / rear torque split
- Gearbox rear drive output shaft positioned for optimum vehicle and transmission package
- Right hand output housing specifically designed for each installation to ensure the optimum driveshaft length
- Integrated oil system using an eccentric rotor pump
- Dedicated gearchange potentiometer, oil temperature, oil pressure and front right wheel sensors mountings
- Provision for individual wheel speed sensor mountings
- AP Racing clutch release
- Gearbox weight approximately 64.5kg (spec. dependant)

GEARBOX BENEFITS

- Light, positive sequential gearchange
- Easily removable cluster for ratio changes
- Easily removable differential with externally adjustable differential pre load
- Easily accessible oil filter cartridge

OPTIONS SUMMARY

- Various driveline options
- Prop shaft flanges to suit specific requirements
- Various output flanges including AAR integral and plug in types. Integral speed sensor trigger as required
- Centre differential (Regulations permitting)
- Dog ring inspection ports
- Various options for reverse gear interlock
- Bespoke gearbox casing design to include bellhousing mountings, starter motor mountings and other installation specific requirements
- Starter motor and Flywheel

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*Approximate only, see Notes Document for details.

Specification subject to change without notice. © Xtrac Ltd, Jan-11



WHY CHOOSE XTRAC?

The value of Xtrac's competitive advantage is well recognised by the champions and one make series who already rely on their expertise, in addition to individual teams running on modest budgets. Success is summarised by Xtrac's watchwords:

QUALITY

To maintain their position as the leading supplier of high performance transmissions, Xtrac operate a continuous re-investment policy.

PERFORMANCE

Supplying championships such as IRL, BTCC, GRAND-AM, FIA Super 2000, Formula Le Mans and most recently, Brazilian Stockcar and Argentina's TC2000, Xtrac's track record speaks for itself.

RELIABILITY

Xtrac's advanced engineering solutions keep their customers ahead of the competition in the most grueling endurance events – from Dakar to Daytona and from Monte Carlo to Le Mans – all the way to the chequered flag.



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