

1007 SUPERCAR TRANSVERSE SYNCHROMESH GEARBOX



The Xtrac Synchromesh Transaxle is a cost effective transverse gearbox that has been designed for use in high performance Supercars. Suitable for Mid / Rear engine rear wheel drive sports and GT cars.

SPECIFICATION

- 7 Speed high performance supercar transaxle
- 'H' pattern manual shift
- 1,100Nm input torque (depending upon duty cycle).
- Gear ratio range to suit application
- Helical gear ground gears optimised for refinement and strength
- Full form ground bevel gears for refinement and strength
- Multi cone synchronisers on all forward gears
- Synchronised reverse gear
- Gearbox casing material is high strength Aluminium alloy L169
- Smooth acting plate limited slip differential (LSD)
- Range of drop gears to adjust speed range to suit various engine / chassis combinations
- Clutch shaft to suit customer installation is included.
- Xtrac manufactured output flanges are included to suit customers joints
- Re-circulating oil lubrication system with thermostatically controlled feed to all critical areas
- Universal front face bolt pattern for adaptor/bellhousing.
- Weight approximately 95kg

THE GEARBOX OFFERS THE FOLLOWING BENEFITS

- Compact packaging and short overall length to minimise vehicle rear overhang
- Configuration allows easier compliance with rear crash test legislation
- Light, positive gearchange
- Narrow output flange dimension
- Output close to rear face of engine
- Output height optimised for ground clearance
- Oil cooler inlet & outlet ports
- Cost effective, reliable solution

OPTIONS SUMMARY

- Super polished ratios & final drive
- Automated manual shift option
- Clutch release slave cylinder
- Alternative output flanges



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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**Approximate only, see Notes Document for details.*

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