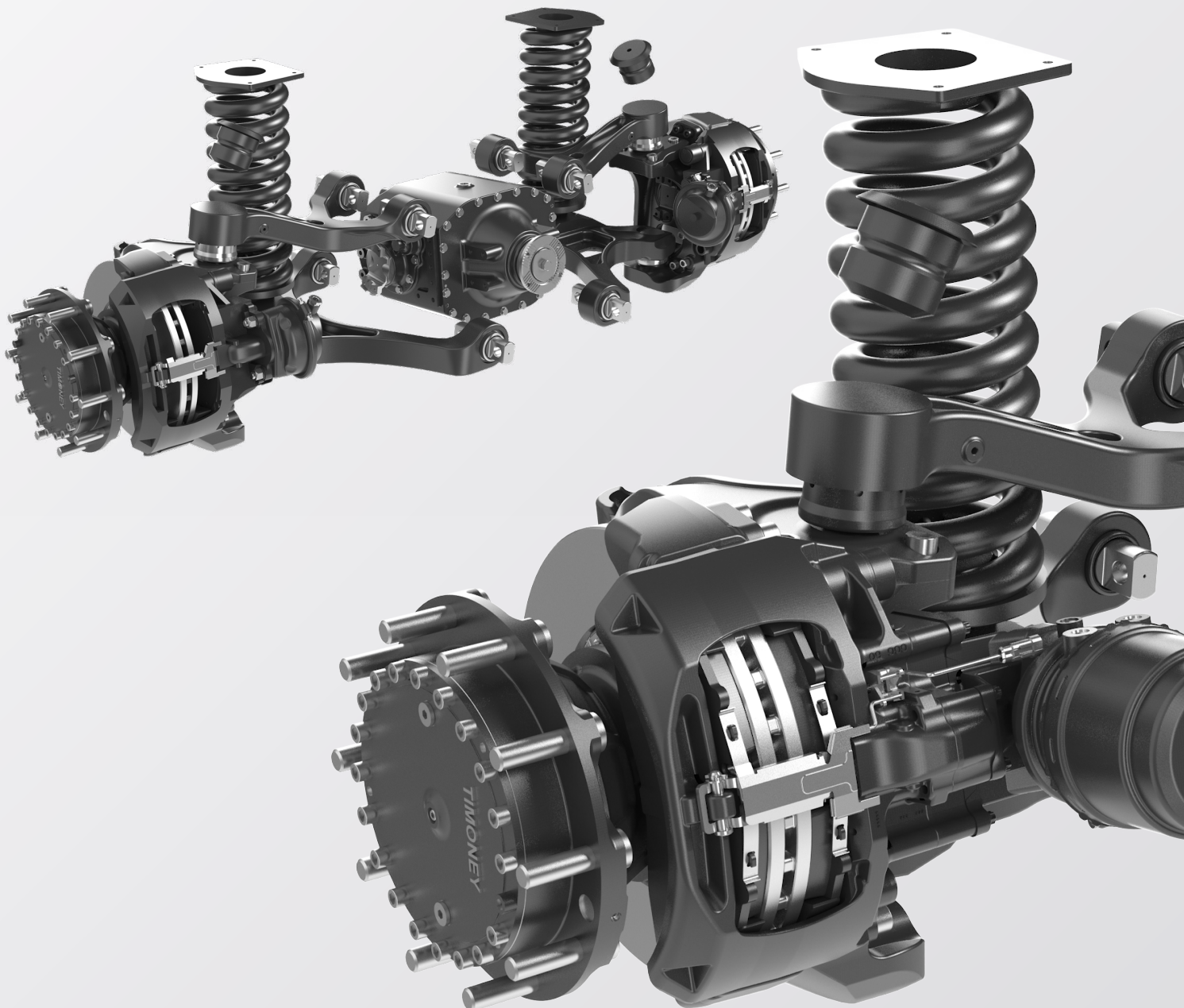


TEXELIS

T900 Axle System



The T900 Modular Vehicle Driveline System

The T900™ Modular Driveline System is designed for vehicles requiring Independent Suspension Drivelines rated at up to 9000kg on a single axle*.

It has been adopted by many OEM's for 4x4, 6x6 and 8x8 applications and proven in environments all around the world in both hot and cold climate conditions. Arduous testing and many thousands of kilometres of usage

have proven the T900™ System to be robust and reliable and to meet the demands of the most extreme conditions.

The T900™ is a modular concept that can be adapted to meet specific vehicle requirements. Complimentary systems such as Transfer Cases, Steering Systems and Amphibious Drive Transmissions enable the

T900™ System to be configured as a complete driveline solution providing optimum mobility for your vehicle and best in class performance for your customer. vehicle design services or system engineering at sub-system level. The T900 has been designed by Timoney and is manufactured by Texelis under licence

Specification

Configurations	4x4, 6x6, 8x8
For integration with	C section chassis, box section chassis, monocoque hull
GAWR	9000kg
Suspension medium	Coil spring and damper or hydro-pneumatic strut (various control modes available)
Suspension travel (bump/rebound):	200mm/160mm
Maximum axle box input torque (final drive/through drive)	9,300Nm/19,000Nm
Ratios	Various ratios– details available on application
Service brake system	Air or hydraulic disc, 44,600Nm maximum brake torque per axle
Steering lock	34° back lock
Compatible tyre sizes	Include 365/85R20, 395/85R20, 14R20, 16R20
Ground clearance	Up to 488mm with 16R20 tyres
Differential locks	Driver controlled differentials with air actuated locks
Other features	Facility to integrate with CTIS and ABS systems
Compatible complimentary systems	Single or twin axles steering and electro-hydraulic all-wheel steer systems; integrated transfer case (single or dual speed) with facility for parking brake and ground driven steering pump; mechanical transmission for amphibious drive

* Higher axle loadings may be achievable based on application assessment

TEXELIS

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