

AWDTM

NEW GENERATION TL RANGE

TL



ADVANCING TRADITIONAL VALUES



AWD's new generation TL truck range has built on the engineering reputation of the well established Bedford TL models, but incorporating many premium features and advances in specification.

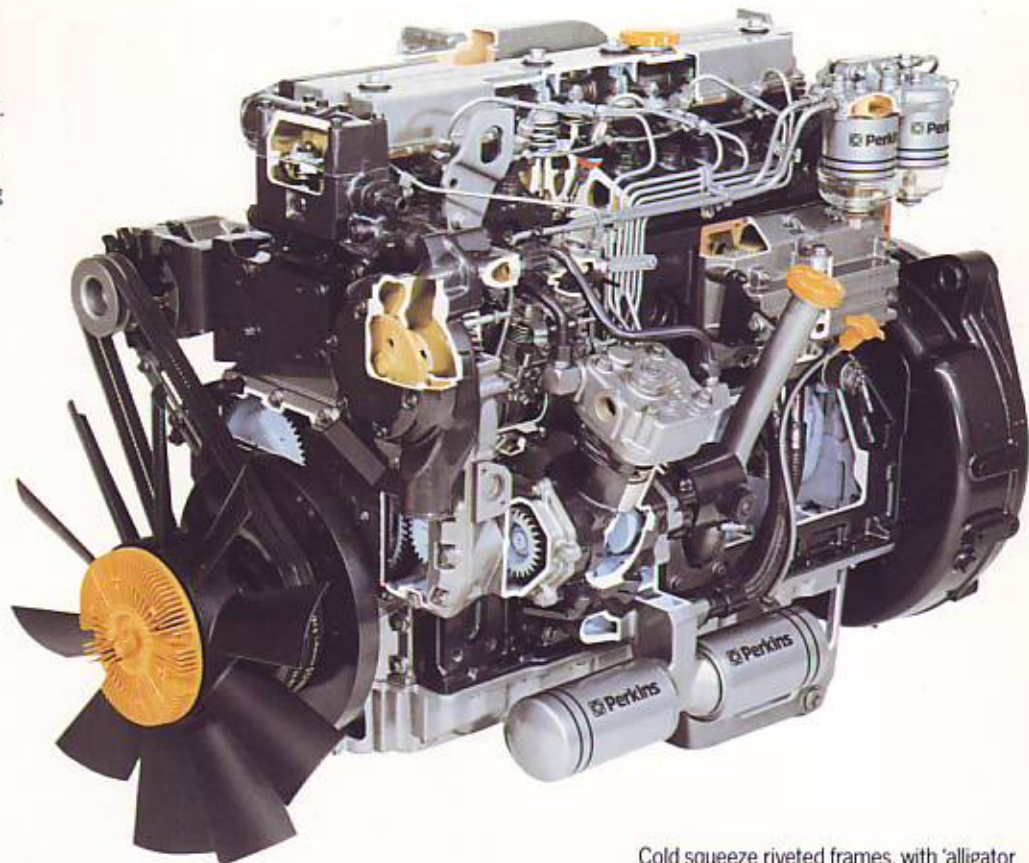
Spanning from 6,5 to the legal maximum of 17 tonnes GVW, these new TL 4x2 rigids are a highly effective blend of proven experience and creative improvement, competitive in ability, price and in quality. And they are backed by an organisation totally committed to customer satisfaction, with a dedicated, professional distributor network, and the fullest range of support services.

In fact, all the benefits resulting from over half a century of Bedford's truck engineering tradition are combined with the energy, expertise and enthusiasm of AWD Ltd – the largest entirely British-owned truck manufacturer, and a major part of the largest privately-owned commercial vehicle operation in Europe.



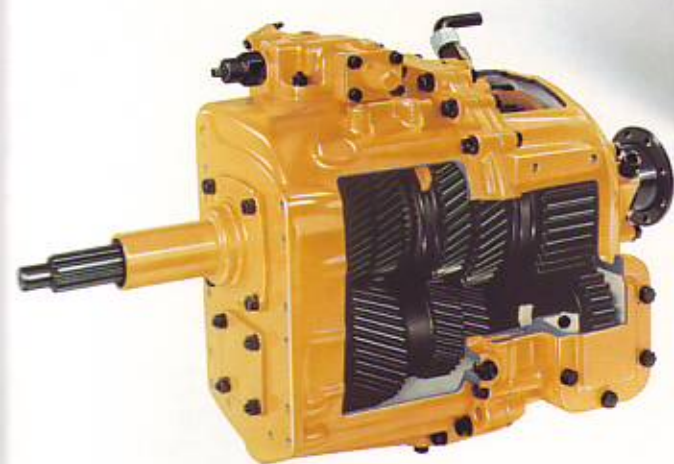
Premium drivelines feature on all TLs. Spicer 5-speed, fully synchromesh overdrive transmissions on TL 7-14; 8-14 and TL 9-14. The TL 12-16 and TL 13-16 take a Spicer 5-speed or as an option, an Eaton 6-speed. The Eaton 4106 6-speed gearbox is standard on the 17 tonne model with a 9-speed range change to be offered as an option. Rear axles are proven AWD hypoid or Rockwell.

The TL's new improved cab can be tilted quickly and easily by hand to a full 50°, to leave the whole of the engine, with its 'one-side' location of major service points, exposed for easy maintenance access. All routine checks can be made without tilting the cab.



Cold squeeze riveted frames, with 'alligator jaw' crossmembers, combine great strength with torsional flexibility. Deep section flat topped frames simplify body mounting and are protected by tough epoxy resin powder coat paint. Added strength is achieved by increasing the depth of frame behind the rear springs.

Brakes are air/hydraulic up to 13 tonnes, and full air at 17 tonnes. Both systems meet EEC regulations in full, and incorporate fail-safe dual circuits and a load-sensing pressure-apportioning valve to ensure stability. An exhaust brake is standard on TL 17-18 models.



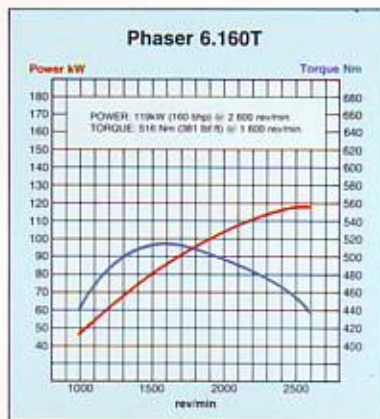
Brake air lines are fitted with 'Raufoss' connectors for dependability and run inside the chassis for added protection. Anti-freeze equipment is standard on air/hydraulic systems up to 13 tonnes and an air dryer is fitted on the 17 tonne variants.

Large telescopic shock absorbers all round combined with slipper-ended rear springs, and extra-long, friction-free, tapered leaf front springs ensure exceptional ride comfort. Cool running low profile tyres are fitted on all models above 6,5 tonnes (except TL 12-16), for added stability and longer life.

The highly acclaimed Perkins Phaser engines create new standards in power, economy and reliable long life, providing TL users with high productivity and low operating costs. The 6,0 litre turbocharged engines offer excellent low end torque and high torque rise over a broad operating range for good star stability and unrivalled flexibility in traffic or on steep grades.

Phaser engines boast premium specification features normally found only on larger power units. Features such as deep skirted lined cylinder block, oil spray cooled controlled expansion pistons, oil cooler, gear driven water pump, replaceable valve guides and seat inserts and Viton oil seals, which all add up to dependability and durability.

TL features three power ratings selected for optimum performance at each GVW. (See back page for details).



The Quadram combustion chamber gives more efficient air/fuel mixing for economy and power. An added benefit is a shorter combustion delay period which reduces the rate of cylinder pressure rise and peak cylinder pressures for a quieter, less stressed engine.

The latest computer techniques were used in the design and manufacture of Phaser, to give maximum strength with minimum weight.

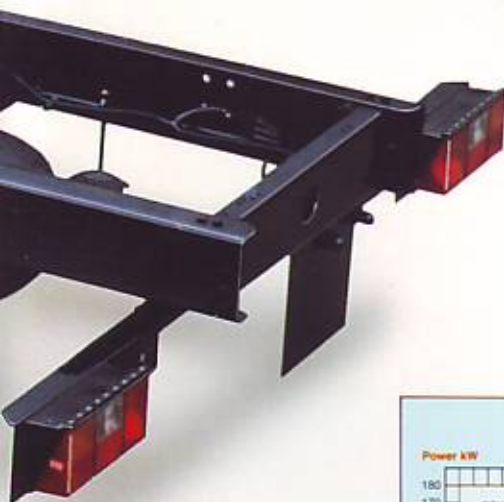
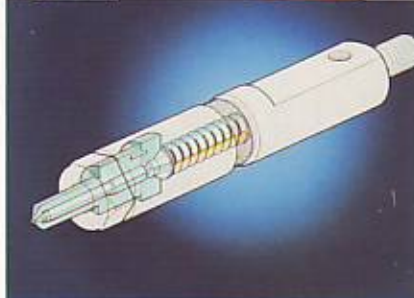
Low inertia injectors give a longer life, cleaner exhaust and lower fuel consumption by eliminating needle bounce and secondary injection. A normal adjustment period of 100 000 km is a major benefit.

Phaser's high torque and high torque rise characteristic (up to 21%) give outstanding flexibility for added economy and durability.

Phaser's deep skirted cylinder block can handle 50% overspeed, so taking a mischange in its stride.

Precise and reliable Phaser's all steel helically cut timing gear train.

Replaceable valve guides and valve seat inserts enhance reliability and reduce the cost of major overhaul. Tappet adjustment is normally only required every 60 000 km.





COMFORTABLE EFFICIENCY

The improved TL cab provides the best possible working environment for the driver. Superb comfort is combined with efficient, practical design. Spaciousness is the keynote – with plenty of headroom, a wide all-round view, and a generous shelf behind the driver. Cross cab access is excellent.

The driver's seat with integral head restraint and two-man passenger seat are upholstered in a new and smart, hard wearing blue/grey cloth, with complementary vinyl door trim pads and fascia. All glass is bronze tinted to eliminate glare. Controls are comfortably positioned, and a comprehensive range of instruments including an automatic electronic two-man tachograph provides the driver with all the information he needs at a glance. Stowage areas are generous, and noise insulation excellent. Full power steering, naturally, is standard across the range.

Ali TL cabs are protected by a comprehensive modern 'Electrocoat' paint process plus a bituminous underbody sealer. Standard finish is white, with a grey windshield surround. A choice of final colours is offered, plus an attractive and striking decal stripe treatment.

The low steering wheel allows free arm movement, and integral power steering reduces driver fatigue and provides precise control.

Instruments and controls have clear, simple graphics. Automatic electronic tachograph, rev counter, oil pressure gauge and voltmeter are standard.

A powerful heater/demister with refreshing face level ventilation is incorporated. The cab also features opening $\frac{1}{4}$ vents for added fresh air.



TL RANGE PROFILE AND ABRIDGED SPECIFICATION*

MODEL	TL 7-14 (Non-HGV)	TL 8-14 (Non-HGV)	TL 9-14	TL 12-16	TL 13-16	TL 17-18
GVW (kg):	6 500	7 490	8 640	11 920	13 000	17 000
Wheelbases:	3,43m; 3,84m; 4,24m; 4,90m	3,43m; 3,84m; 4,24m; 4,90m	3,43m; 3,84m; 4,24m; 4,90m	3,05m; 4,24m; 4,90m; 5,46m	3,05m; 4,24m; 4,90m; 5,46m	4,01m; 5,69m; 6,31m
Engine (diesel):	Phaser 6.145T Turbo			Phaser 6.160T Turbo		Phaser 6.180Ti Turbo Intercooled
Gearbox (std):	Spicer 5-speed OD			Spicer 5-speed OD		Eaton 6-speed DD
(opt):				Eaton 6-speed DD		Eaton 9-speed DD
Rear axle:	AWD hypoid					Rockwell R144
Std. ratio:	3,89:1			4,86:1		4,33:1
Brakes:	Dual circuit air/hydraulic drum; Brake anti-freeze equipment					Dual circuit. Air dryer. Exhaust brake
Steering:	Integral power assisted					
Electrical: system	12V 55A alt; neg. earth					24V 45A alt, neg. earth
battery	12V 120Ah low maintenance					2 x 12V 120Ah low maintenance
Fuel tank capacity:	118 litre (26gal)			209 litre (46 gal) (123 litre: 27 gal on 3,05m WB)		209 litre (46 gal)
Tyres:	8 R 17,5	215/75 R 17,5		9 R 22,5	275/70 R 22,5	295/80 R 22,5

*For full specification details see separate Specification Sheets



Looking after operators' needs is a 47-strong nationwide distributor network that can offer a range of professional services ranging from finance, extended warranty and contract maintenance to a free 24-hour, year-round emergency service.

CONTRACT MAINTENANCE



This is no half-measure maintenance and repair scheme. It covers all maintenance costs right down to door locks and windscreen wipers and even includes tyres.

- Full protection from unexpected bills. With AWD contract maintenance you need never worry about another repair bill and you will know exactly what your truck is going to cost you from the day you invest in it. You can even have the payments inflation proofed for the full term of the contract.
- Emergency cover. Full round-the-clock roadside assistance and recovery is provided as part of AWD Contract Maintenance and the same excellent service is provided by a nationwide tyre service and windscreen company. If your vehicle is recovered for major work you will be provided with a replacement truck or be paid £100 every day your vehicle is off the road.

EMERGENCY SERVICE



It's fast, it's free, (during 2 year warranty period) and it's there when you need it most – 24 hours a day, 365 days a year. A free-phone number links you to our computerised mapping centre and with a strategically placed nationwide spread of AWD Distributors to call on, help will be with you in no time at all.

As part of the service you also receive:

- £250 instant credit facility.
- Free emergency phone calls and free message handling service.
- No charge for recovery under warranty.
- Full fleet coverage.

EXTENDED WARRANTY



A choice of three warranty plans enables you to extend the warranty on your AWD truck. Up to four years to cover parts and labour for every component with contributions towards replacement vehicle hire, recovery costs and Continental cover. You can, subject to an inspection and administration fee, transfer the warranty should you wish to sell the truck privately.

FINANCE PLANS



General Guarantee

Together with General Guarantee, AWD has designed a range of Finance Plans designed to help you acquire your truck in the most cost effective and efficient manner.

- AWD Contract Hire Plan which includes contract maintenance.
- AWD Lease Plan. Designed for the operator who considers the use of the truck more important than ownership.
- AWD Lease Purchase Plan. Ideally suited for operators who wish to enjoy the benefits of ownership with a more traditional form of financing.

Acquiring your AWD truck is made easy by using one of the AWD endorsed leasing plans arranged through General Guarantee, where all plans have been tailored to suit YOU the customer.

They all however share the common features of:

- Low initial capital outlay.
- Low monthly rentals.
- Rental periods up to 5 years.

For full details of AWD products and support services consult AWD Ltd or your local Distributor.



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