

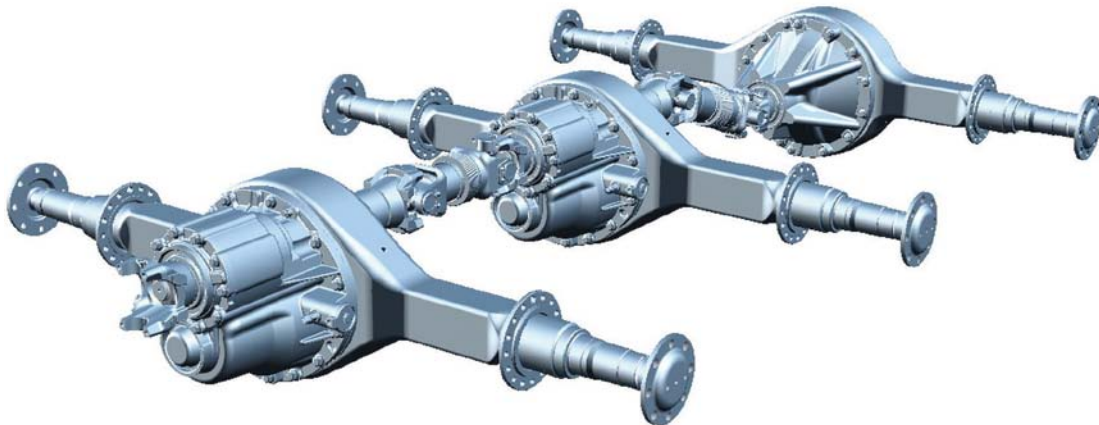
DANA

Spicer® Heavy-Duty Tri Drive Axles

T78-190P

The family of
heavy-duty tri drive
axles for applications up
to **176.5 Tonnes GCM***

Ideally suited for demanding vocational applications including construction, heavy haul, logging, oil field, and mining.



FEATURES

- Broad ratio coverage for optimum performance across a variety of vocations.
- Designed for greater strength to maximise durability and reliability in even the toughest applications, including:
 - Extra wide face-width primary and helical gearing.
 - High capacity bearing and gearing systems.
 - An integrated ring gear and wheel differential mounting system that eliminates bolted joints.
 - Large wheel differential gearing.
 - An integral pinion cage and carrier that also eliminates a potential leak path.
 - Heat-treated steel differential cases for strength and wear resistance.
 - Heavy wall housings.
- Dana patented exclusives include:
 - A threaded input adjuster that precisely sets end play in the power divider without the use of shims, eliminating a potential leak path and improving reliability.
 - A hypoid gearing design that improves interaxle driveline angles to minimise vibration.
 - An on-demand lube pump that reduces temperatures as much as ten percent, extending lubricant life and reducing internal friction and wear.
- Options include driver-controlled wheel differential lock for maximum traction over slippery, loose or uneven surfaces.

SPICER®

Drivetrain Products

* 176.5 tonnes available only with written application approved by Dana.

Spicer® Heavy Duty Tri Drive Axles

Specifications:

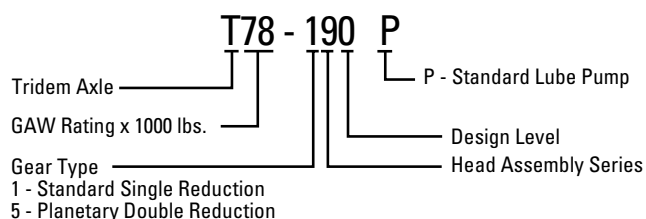
MODEL	MAX GAW RATING (HIGHWAY)*	RATIOS
T78-190P	35, 380kgs	3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14, 6.83, 7.17

*Ratings vary by ratio and duty cycle. Refer to publication AXAG0200 or contact Dana CVS Application Engineering for more information.

Available Options Include:

- Driver-controlled wheel differential lock for maximum traction. For T78-190P, the wheel differential lock feature can be retrofitted even after the vehicle is built or in use.
- Carrier integrated retarder mount means more drivetrain options with increased strength, brake performance, and reduced complexity.

Nomenclature:



Extra wide face-width gearing provides greater strength for increased durability at higher loads.



Larger wheel differential gearing means maximum strength and reliability over previous models.



Patented, on-demand lube pump for optimal spin-out protection without the added heat.

For spec'ing or service assistance, call (03) 9213-5555 or visit our website at www.dana.com.au

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SPICER®
Drivetrain Products