

# Spicer® Single Reduction Heavy-Duty Tandem Drive Axles



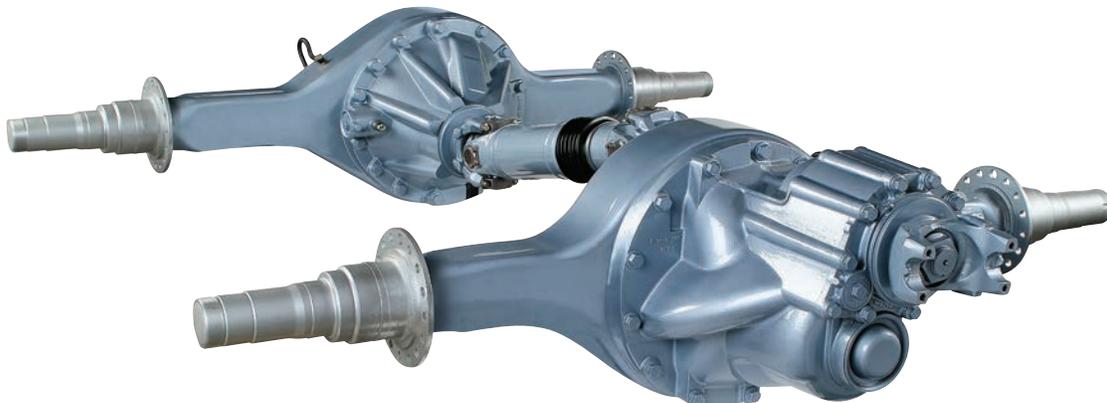
**SPICER®**  
Drivetrain Products

D170

46,000 lbs. [20,865 kg] – 50,000 lbs. [22,680 kg]

## Single reduction, heavy-duty tandems for vocational applications from 46,000 to 50,000 lbs. GAWR.

The D170 series tandems are ideal for construction, heavy haul, logging, oil field, refuse, and other demanding vocational applications.



FEATURES	BENEFITS
Ratio coverage from 3.07 through 7.17:1.	Broad ratio coverage allows maximum performance across a variety of vocations.
Extra wide face-width gearing.	Greater strength for added durability.
High capacity gearing and bearing system.	Durability and reliability with higher horsepower/torque engines.
Forged, heat-treated steel differential cases.	Significantly stronger for increased gear and bearing life.
16 large, fine-pitch, M20 bolt ring gear fasteners.	High clamp load for reliable performance.
Integrated ring gear and wheel differential mounting system.	Eliminates bolted joint for improved reliability.
Large wheel differential gearing.	Maximum strength, higher power density.
Integral pinion cage and carrier.	Added strength and eliminates a leak path.
Best-in-class interaxle driveline angles.	Reduces driveline torsionals for less vibration and wear.

# Spicer® D170 Series Single Reduction Tandem Drive Axles

## Specifications:

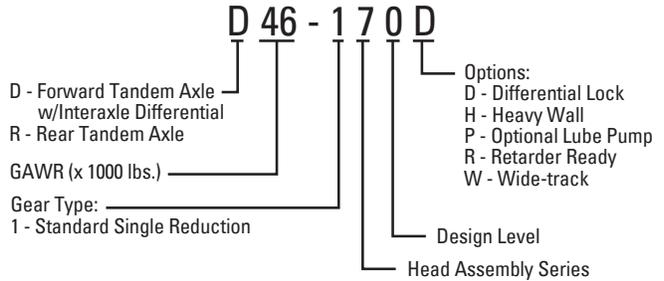
MODEL	GAWR (LBS.)	NOMINAL GCW (LBS.)*	RATIOS
D46-170	46,000	160,000	3.07, 3.21, 3.42, 3.58, 3.73, 3.91, 4.10, 4.30, 4.56, 4.78, 5.25, 5.38, 5.57, 6.14,
D50-170	50,000	160,000	6.83, 7.17

\*Varies by duty cycle.

## A full range of available options for optimal operation and durability with less required maintenance.

- Driver-controlled wheel differential lock for maximum traction. Available on both forward and rear axle.
- Carrier integrated retarder mount means more drivetrain options with increased strength, brake performance, and reduced complexity.
- Wide-track axles for maximum stability.
- Patented axle breather design allows unrestricted air flow – a no maintenance feature.
- Integral welded suspension brackets for increased strength and durability.
- Optional lube pump does not require external filters or filter changes.

## Nomenclature:



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



*Larger wheel differential gearing means maximum strength and reliability.*



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

For spec'ing or service assistance, call 1-877-777-5360 or visit our website at [www.dana.com](http://www.dana.com)

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