

The Spicer® 990: An independent front suspension axle solution

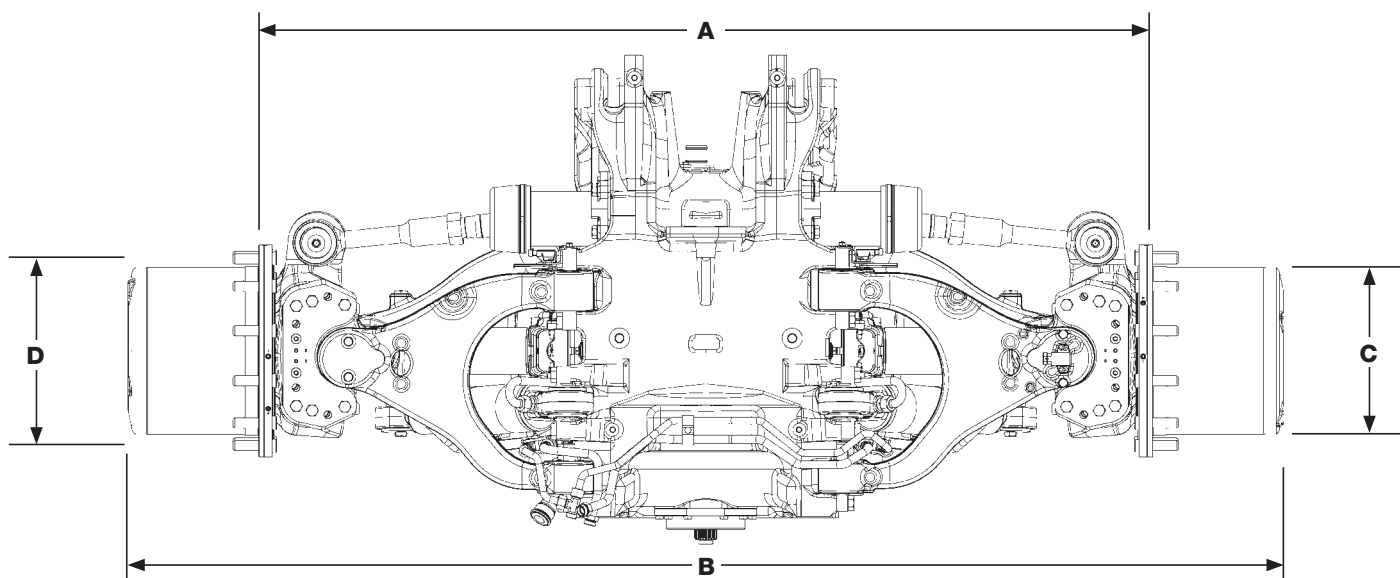
For open field tractors up to 372.9 kW (500 hp), the Spicer 990 axle offers high power and torque to improve both productivity and comfort. The system's independent front suspension is designed to improve traction and increase speed, with integrated sensors that enhance driving quality. ABS and CTIS features are available options.

Integrated into the frame of the tractor, the 990 axle provides OEMs with easy assembly and reduced vehicle complexity.



Spicer® 990 Independent Front Suspension Axle

For Open Field Tractors Up to 372.9 kW (500 hp)



DESIGN FEATURES

Axle Mounting	Integrated into vehicle frame
Bevel Gear	Spiral bevel gear – Gleason cut
Input Flange Options	40 x 2 x 30 x 18 DIN 5482
Double Reduction	3 ground planets
Service Brakes	Wet discs with pneumatic actuation
Differential Options	100% differential lock
Maximum Steering Angle – Degrees	39

INSTALLATION DIMENSIONS (mm)

A – Flange to Flange	1,966
B – Planetary Hub Length – Hub to Hub	2,538
C – Wheel Pilot Diameter	370
D – Wheel Bolt Circle Diameter	425

TECHNICAL DATA

Planetary Reduction Ratio	6:1
Bevel Set Ratios	2.9:1
Overall Ratio	17.6:1
Maximum Output Torque (daNm)	11,960
Load Capacity (daN); Static	11,000
Load Capacity (daN); Dynamic	10,000