

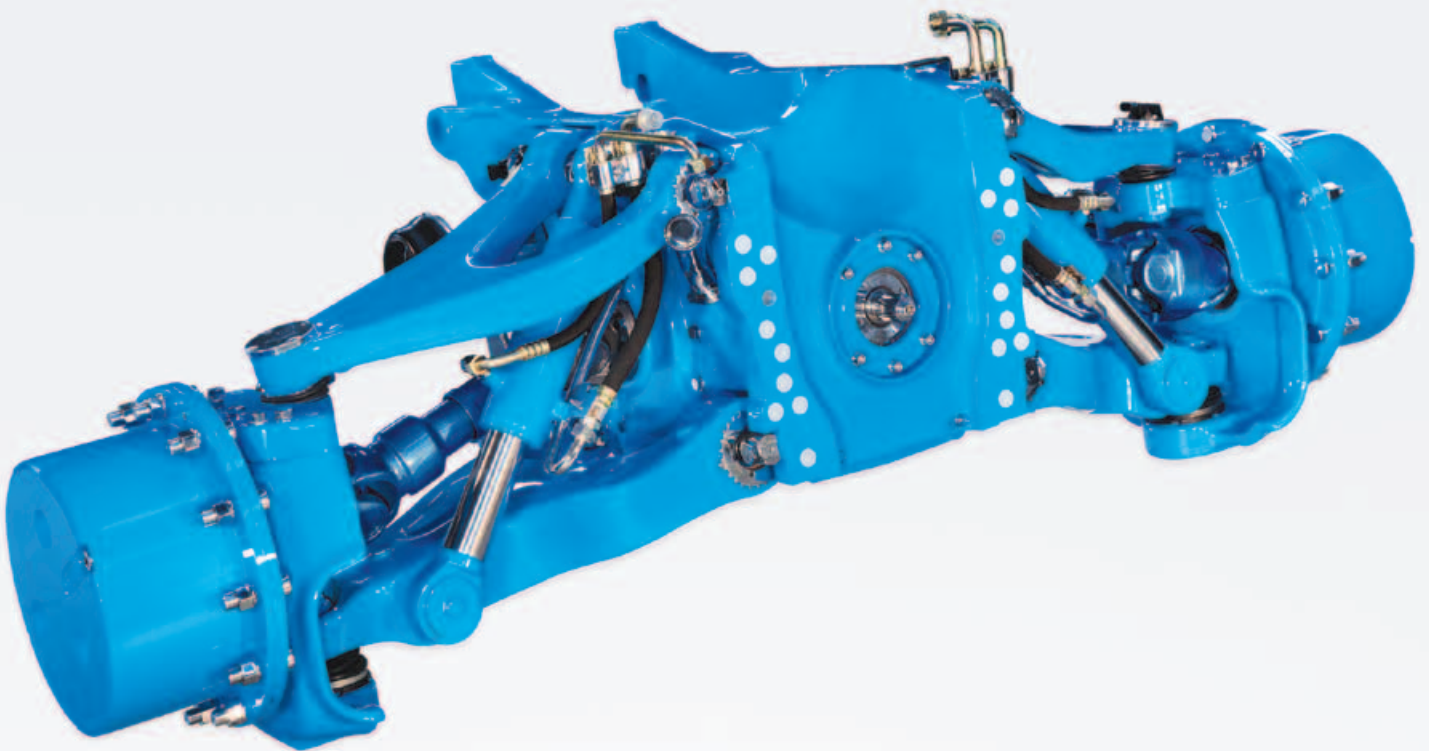
Model 970

Independent Front Suspension Axle

High Power and Torque for Open Field Tractor Applications up to 360 HP



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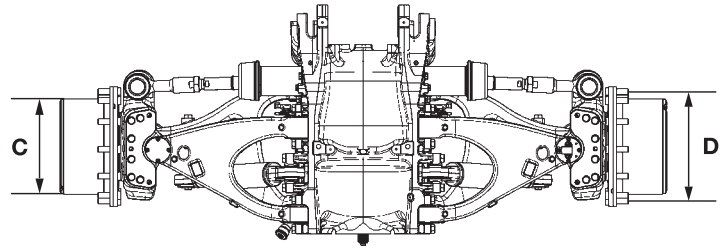
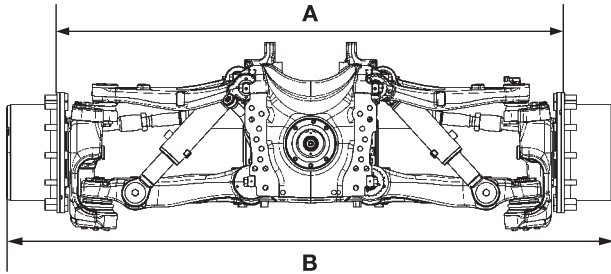
Spicer® Model 970 independent front suspension axles provide improved traction and increased speed with simpler assembly.



Model 970 Independent Front Suspension Axle

High Power and Torque for Open Field Tractor Applications up to 360 HP

Spicer® Model 970 independent front suspension axles are designed for higher horsepower tractors with increased torque limits, resulting in improved traction and increased speed. Integration into the tractor frame provides a simpler assembly and reduces vehicle complexity for the OEM, while integrated sensors improve driving quality and comfort for the operator.



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 5582
Double Reduction	3 ground planets
Service Brakes	Wet discs with pneumatic actuation
Differential Options	100% differential lock
Maximum Steering Angle — Degrees	44

Installation Dimensions (mm)

A – Flange to Flange	1,966
B – Planetary Hub Length	2,356
C – Wheel Pilot Diameter	370.8
D – Wheel Bolt Circle Diameter	425

Technical Data

Planetary Reduction Ratio	7.07:1
Bevel Set Ratios	2.4:1
Overall Ratio	16.97:1
Maximum Output Torque (daNm)	7,200
Load Capacity (Kg); Static	16,000
Load Capacity (Kg); Dynamic	8,000

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All applications must be approved by the Application Engineering Department. Specifications and/or design are subject to change without notice or obligation.