

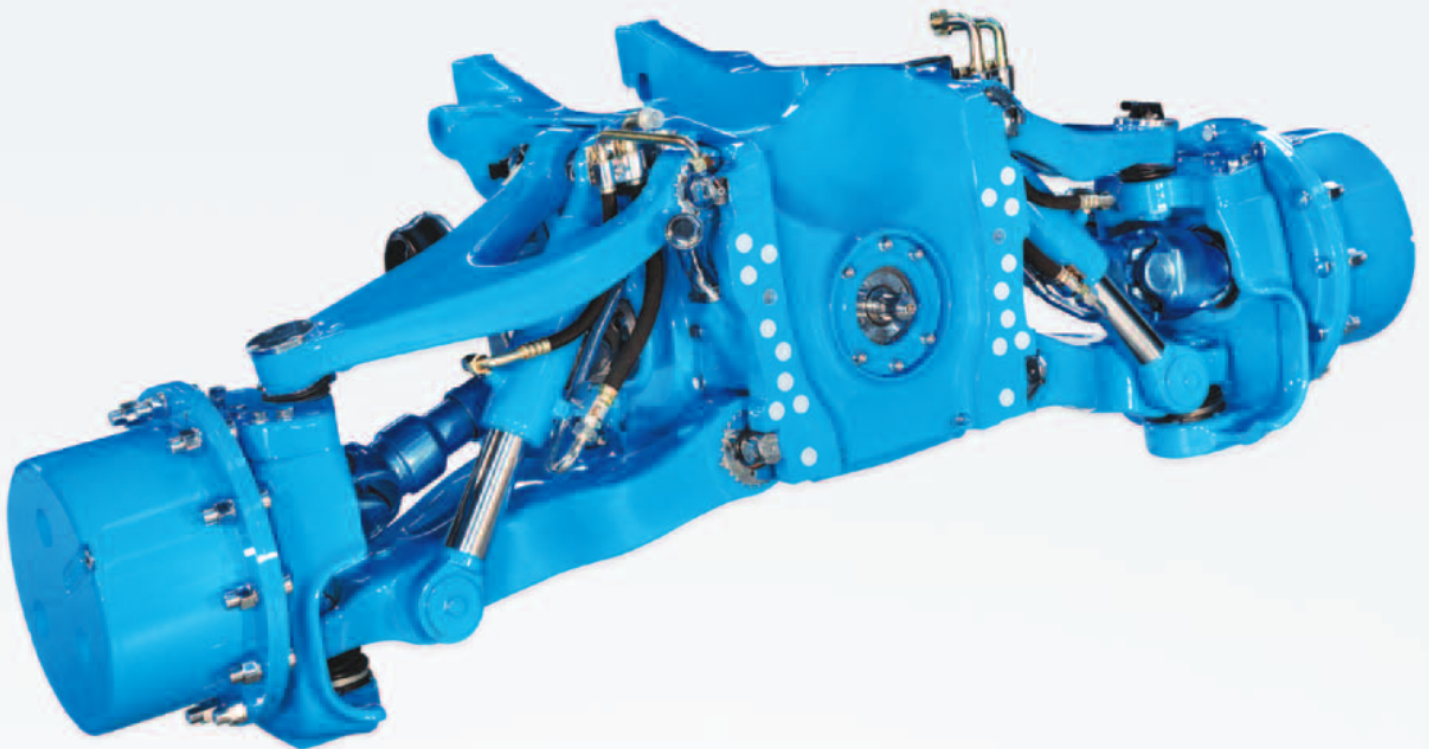
# Model 970

## Independent Front Suspension Axle

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



**SPICER®**  
*Off-Highway Systems*



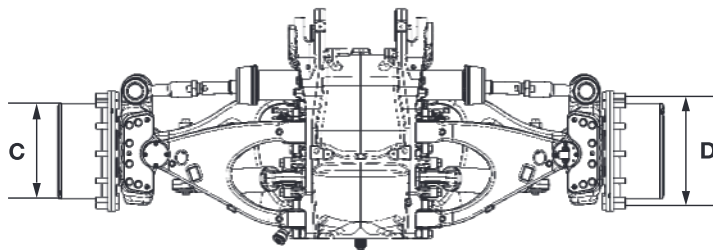
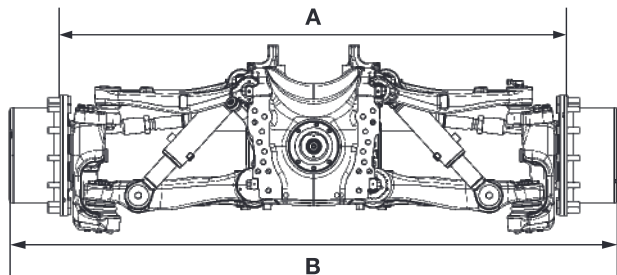
Spicer® Model 970 independent front suspension axles provide improved traction and increased speed with simpler assembly.



# 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

<b>Axle Mounting</b>	Integrated into vehicle frame
<b>Bevel Gear</b>	Spiral bevel gear – Gleason cut
<b>Input Flange Options</b>	40 x 2 x 30 x 18 DIN 5582
<b>Double Reduction</b>	3 ground planets
<b>Service Brakes</b>	Wet discs with pneumatic actuation
<b>Differential Options</b>	100% differential lock
<b>Maximum Steering Angle — Degrees</b>	44

## Installation Dimensions (mm)

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

## Technical Data

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