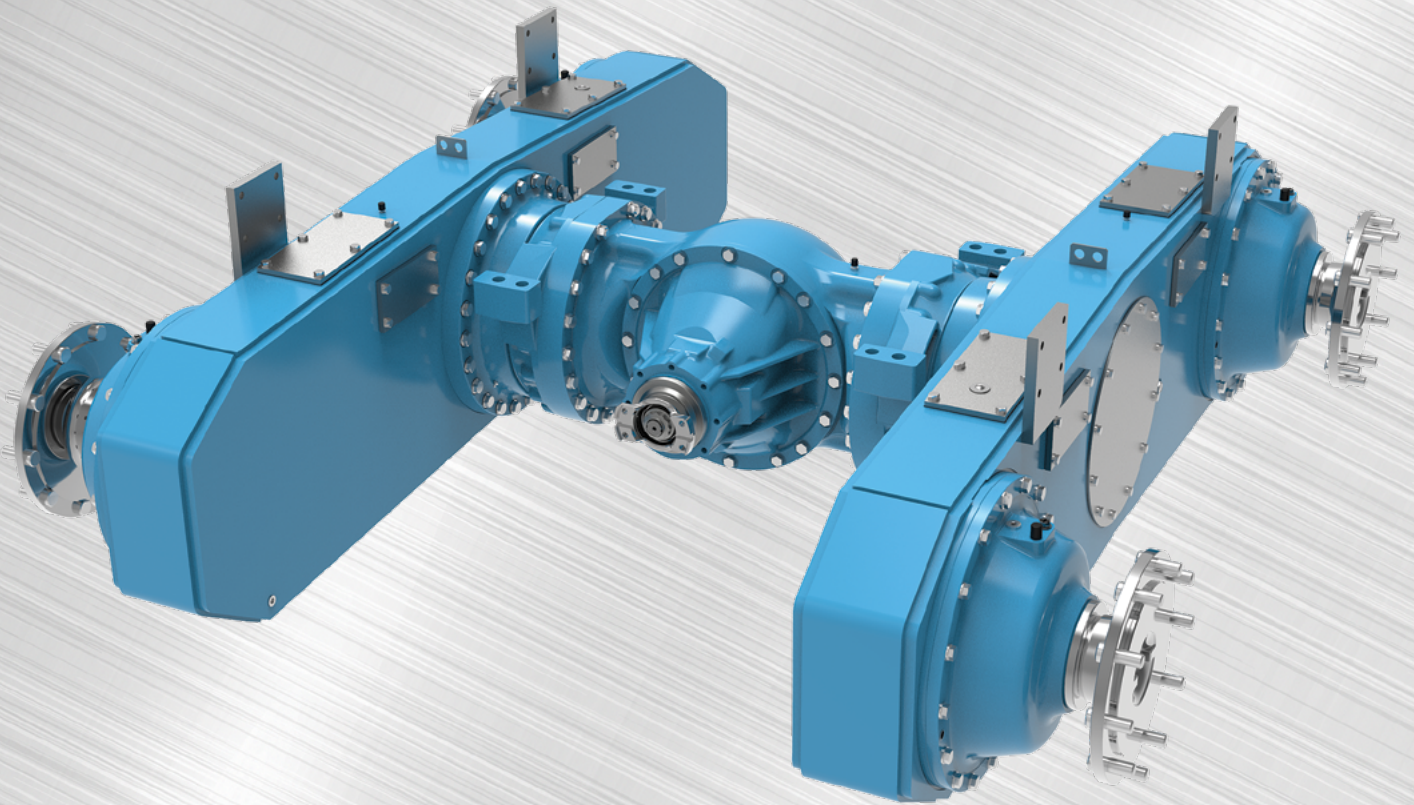




SPICER®

Drivetrain Systems

Motor Grader Rear Axle

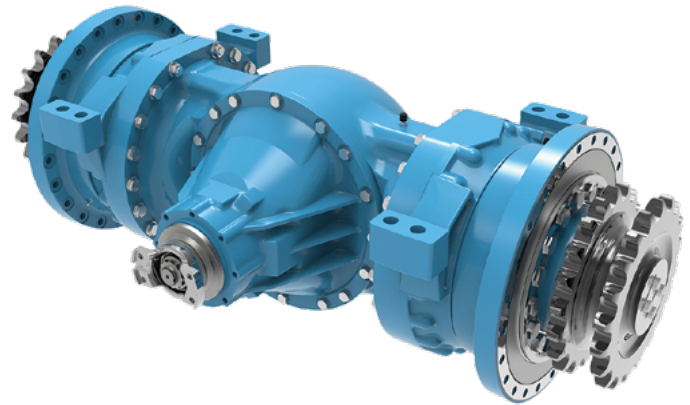


Motor Grader Rear Axle

A huge range of rear axles, available from 7,8 to 20,5 tons machine operating weight. With wet brakes on the wheels or with wet brake inboard.

The new motor grader rear axle, specifically designed with the complete tandem box, will entirely cover the motor grader needs from 10 to 20,5 tons machine operating weight.

- Quick adaptation to the ground conditions
- Right weight distribution to meet the maximum tractive effort
- Excellent working performances in rough working condition or in fine levelling
- Reliable and good braking performances in heavy conditions, such as mining
- Easy access to the drive head without disassembling the axle from the machine
- Easy serviceability and lower maintenance costs
- Planetary final reduction with 3 planets
- Cassette seals for heavy applications
- Reliable
- Strong in heavy conditions
- Wet disk brakes inboard
- Planetary final reduction with 3 planets
- **Patented special positioning of the piston brake**



Type of Axles	Max					Stud						
	Machine Operating Weight tons	Static Load tons	Axle Input Torque daNm	Peak Input Torque daNm	Braking Torque @65 bar daNm	Flange to Flange mm	Rim Cent. Diam. mm	Pilot Diam. mm	Quantity and Dimension mm	Total Ratio	Differential Locking	Input Yoke
GA 10	11,5	24,0	220	440	2800	2040	220	275	N8 M20x1,5	15,480	NO SPIN	MECH 6C
GA 14	15,5	32,0	260	520	5600	2036	370	425	N12 M22x1,5	21,183	Self lock LR 56%	MECH 7C
GA 17	17,0	35,0	310	620	5600	2070	370	425	N12 M22x1,5	20,365	100% hydr	MECH 7C
GA 15	17,0	35,0	310	620	5600	2070	370	425	N12 M22x1,5	20,365	NO SPIN	MECH 7C
GA 20	20,5	42,0	330	660	6700	2076	370	425	N12 M22x1,5	22,217	100% hydr	MECH 7C

Type of Axles	Max					Stud						
	Machine Operating Weight tons	Static Load tons	Axle Input Torque daNm	Peak Input Torque daNm	Braking Torque @20 bar daNm	Flange to Flange mm	Rim Cent. Diam. mm	Pilot Diam. mm	Quantity and Dimension mm	Total Ratio	Differential Locking	Input Yoke
FG 65	7,8	24,0	185	370	2000					15,600	Self lock LR 56%	MECH 5C
FG 140/170*	17,0	35,0	310	620	3025					16,296	Self lock LR 56%	MECH 7C

* Inlet and outlet ports for external oil cooling circulation

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