

Transmissions/Transaxles and Brakes for Outdoor Power Equipment and Leisure/Utility Vehicles

Condensed Specifications



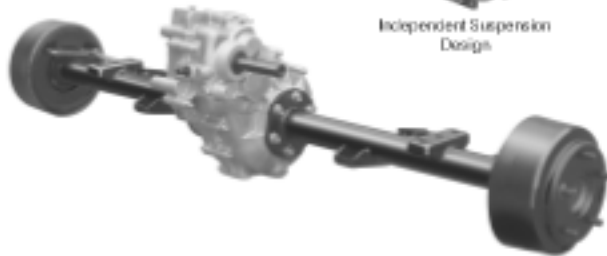
SPICER

Leisure / Utility Vehicles



MODEL H-12

- High Efficiency Model Features Quiet Helical Gear Design.
- Nominal Load Rating of 1500 lbs. (Heavy-duty Option is Available.)
- Designed to Accept Electric Motors.
- Available Ratios Range from 8.91 up to 14.76.*
- Input Torque Ratings: 12 ft.lbs. Continuous, 48 ft.lbs. Maximum Intermittent.
- Brakes Options Include 160mm (Mechanical or Hydraulic.) or 7" (Mechanical or Hydraulic).
- Wheel Mounting Options: 4 on 4" B.C. or 5 on 4.5" B.C.
- Optional Independent Suspension Design.



MODEL H-12 FNR

- High Efficiency Model Feature Constant Mesh Helical Gear Design.
- Nominal Load Rating of 1500 lbs. (Heavy-duty Option is Available.)
- Mechanical "Rotary Actuating" Ground Speed Governor.
- Mechanical "Rotary" Shift Forward to Reverse.
- Available Ratios:

Forward	10.15:1	12.58:1	13.25:1*
Reverse	11.00:1	13.64:1	14.36:1*
- Standard Input Torque Ratings: 24 ft.lbs Continuous, 96 ft.lbs. Maximum Intermittent.
- Brakes Options Include 160mm (Mechanical or Hydraulic) or 7" (Mechanical or Hydraulic).
- Wheel Mounting Options: 4 on 4" B.C. or 5 on 4.5" B.C.
- Optional Independent Suspension Design.



MODEL H-12 FNR with Mechanical Diff Lock

- High Efficiency Model Feature Constant Mesh Helical Gear Design.
- Nominal Load Rating of 1500 lbs. (Heavy-duty Option is Available.)
- Mechanical "Rotary Actuating" Ground Speed Governor.
- Mechanical "Rotary" Shift Forward to Reverse.
- Available Ratios:

Forward	10.15:1	12.58:1	13.25:1*
Reverse	11.00:1	13.64:1	14.36:1*
- Standard Input Torque Ratings: 24 ft.lbs Continuous, 96 ft.lbs. Maximum Intermittent.
- Brakes Options Include 160mm (Mechanical or Hydraulic) or 7" (Mechanical or Hydraulic).
- Wheel Mounting Options: 4 on 4" B.C. or 5 on 4.5" B.C.
- Optional Independent Suspension Design.
- Locking Differential Feature with Rotary Actuator is Available.
- Bolt-on Module Provides Manual Operation to Lock/Unlock the Differential.
- Rotary Actuator with Lever is Available in four Different Locations.

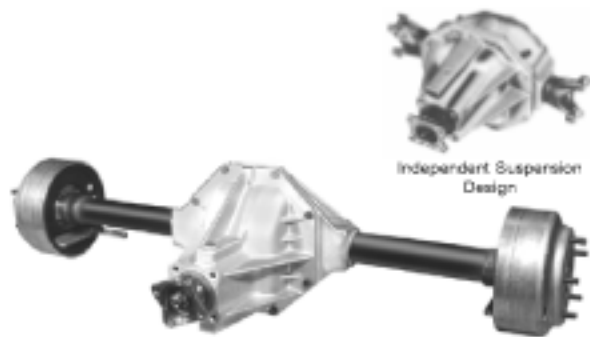


MODEL GT-20 AXLES

- In-line Hydrostatic Transaxle Design.
- Nominal Load Capacity of 1800 lbs.
- Available Ratios: 15:1, 20.9:1 and 30.0:1.
- Brakes Options Include 7" (Mechanical or Hydraulic).
- Wheel Mounting Options: 4 on 4" B.C. or 5 on 4.5" B.C.
- Optional Limited Slip Differential.
- Optional Independent Suspension Design.

*Other ratios available upon request.

Leisure / Utility Vehicles (Cont)



MODEL 18 AXLES

- Features Conventional Driveshaft Design.
- Nominal Load Capacity of 1800 lbs.
- Designed and Rated for 12 to 18 hp Engines.
- Available Ratios: 5.17:1, 12.25:1.
- Brake Options Include 7" (Mechanical or Hydraulic).
- Wheel Mounting Options: 4 on 4" B.C. or 5 on 4.5" B.C.
- Optional Limited Slip Differential.
- Optional Independent Suspension Design.

Brake Accessories



MASTER CYLINDERS

- Available for Single or Duo System.
- Compatible with DOT 3 Brake Fluid.
- Aluminum or Cast Iron Designs.
- Bore Sizes from .75" to 1.125" Diameter.



PARK BRAKE CABLES

- 1200 Lb. Proof Tested.
- 1 X 19 Preformed Galvanized .125" Cable.
- Plastic Coated.



HOSES and STEEL LINES

- Hoses meet FMVSS 106 Requirements.
 - Steel Lines per SAE J527.
 - Corrosion Protection on Lines/Fittings.
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Brake Assemblies



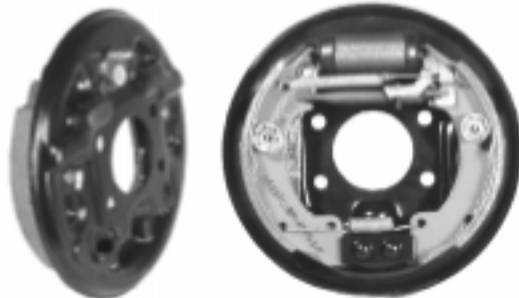
160 x 30mm HYDRAULIC BRAKE

- Nominal Torque Rating 5,000 in.-lbs.
 - Available with or without Parking Lever.
 - Automatic Adjustment.
 - Non-Servo Floating Shoe Design.
 - Non-Asbestos Linings.
 - Available on Model H-12 and H-12 FNR Axles.
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160 X 30mm MECHANICAL BRAKE

- Nominal Torque Rating 5,000 in.-lbs.
 - Automatic Adjustment.
 - Non-Servo Floating Shoe Design.
 - Non-Asbestos Linings.
 - Available on Model H-12 and H-12 FNR Axles.
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180 X 32mm HYDRAULIC BRAKE with PARKING

- Nominal Torque Rating 8,000 in.-lbs.
 - Automatic Adjustment.
 - Non-Servo Floating Shoe Design.
 - Non-Asbestos Lining
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7.0 X 1.75 in. HYDRAULIC BRAKE

- Nominal Torque rating 11,000 in.-lbs.
 - Available with or without Parking Lever.
 - Manual Adjustment.
 - Duo-Servo floating Shoe Design.
 - Non-Asbestos Linings.
 - Available on Model H-12, H-12 FNR, 18 and GT-20 Axles.
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7.0 X 1.75 in. MECHANICAL BRAKE

- Nominal Torque Rating 11,000 in.-lbs.
 - Manual Adjustment.
 - Duo-Servo Floating Shoe Design.
 - Non-Asbestos Linings.
 - Available on Model H-12, H-12 FNR, 18 and GT-20 Axles.
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Outdoor Power Equipment



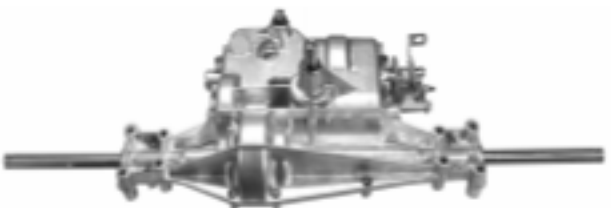
MODEL 6200

- High- performance Single Speed Transmission for Walk-Behind Mowers.
- Reduction Ratio of 3.75:1*.
- Input Speed of up to 1800 RPM.
- Housing is Constructed of a Durable, Impact Resistant DuPont Composite Material.
- Engagement / Disengagement is Controlled by a Dog-type Clutch.



MODEL 6600

- High Performance Three to Five Speed Transmission for Walk-Behind Mowers.
- Input Speed of 1800 RPM.
- Available Ratios: 1st - 5.58, 2nd - 3.68 and 3rd - 3.14
- Housing is Constructed of Durable Impact Resistant DuPont Composite Materials.
- Available with or without Internal Dog-type Clutch.



MODEL 4360

- Compact Transaxle with up to Six Speeds Forward and One Reverse.
- Designed Specifically for Front Engine Lawn Tractors.
- Available Ratios: Reverse-40:1, 1st-61.67:1, 2nd-46.67:1, 3rd-30:1, 4th-20:1, 5th-17.7:1 and 6th-12.28:1.*
- Disc Brake Option which can also be used as a Park Brake.
- Lubed for Life.



HYDROSTATIC TRANSAXLE

- Environmentally Protected Brake
- Push Valve
- Integrated Sealed Reservoir
- Wide Band Neutral
- Neutral Centering Control
- Input Shaft Diameter - 17mm
- Output Shaft Diameter - .75 in.
- Designed specifically for Front Engine Lawn Tractors.

*Other ratios available upon request.

Off-Highway Systems

Asia Pacific (China): 86 2 153 831100

Asia Pacific (Korea): 82 2 563 945 1

Europe (Italy): 39 0464 580227

North America (USA): 740 694 2055

South America (Brazil): 55 15 238 6092

Application Policy

Capability ratings, features, and specifications vary depending upon the model type of application and type of service. Application approvals must be obtained from Spicer. We reserve the right to change or modify our products or our product specifications, configurations, or dimensions at any time without notice.

