

# PEERLESS<sup>®</sup>

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## TRANSMISSIONS



### MST Series Manual Shift Transaxles

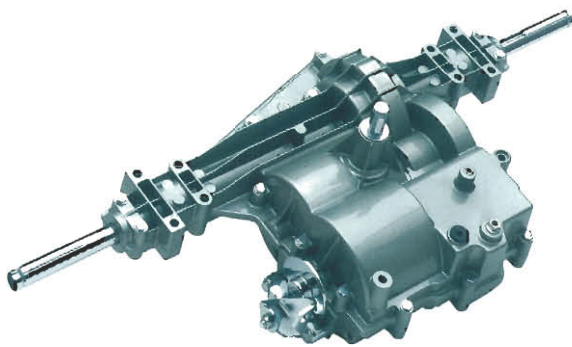
*Driving choice. Delivering dependability.*



Industry leading Peerless MST series transaxles are the best transaxle built in its class. MST's provide ultimate performance, durability and ease of operation for all your residential walk-behind and riding mower needs. Designed for use in commercial applications such as: power wheel barrows & wagons, aircraft tugs, and walk-behind mowers. Available with up to six forwards speeds and one reverse. MST, why would anyone settle for anything less!

## Technical Specification

### Features & Benefits



- **Housing** - Die-cast aluminum housing offers outstanding heat dissipation and durability. Housing is sealed to prevent the entry of water and dirt, extending life of components.
- **Lubrication** - EP-320 gear lube.
- **Axle Shafts** - 3/4" (19.05 mm) with key slots.
- **Differential** - Automotive-type sintered metal bevel gears provide smooth, long lasting performance.
- **Bushings** - All shafts rotate on oil impregnated bronze bushings, except the input shaft which uses needle bearings. (Axle Bearings Optional).
- **Vehicle Brake** - Can be used as a parking brake. (NOTE: Brake effective only when power source is declutched from transmission. CAUTION: Brake will require periodic maintenance and adjustment to assure safe operation of equipment.
- **Gear Ratio's** - Forward 68.559:1, 60.249:1, 47.464:1, 34.279:1, 30.918:1, 27.932:1, 22.853:1, 20.676:1, 15.235:1, 13.711:1 & Reverse 47.464:1

### MST Series Transaxles

<b>Output torque</b>	225 ft. lbs. (305 N-m)
<b>Maximum Forward Speed</b>	6
<b>Axle Size</b>	3/4" (19.05 mm)
<b>Maximum Input Speed</b>	2,000 rpm
<b>Maximum Tire Diameter</b>	20" (508 mm)
<b>Weight on Tires</b>	525 lbs. (238 kg)
<b>Mounting - 4 point</b>	Axle mounts on both sides of transaxle
<b>Weight box to offset front mounted implements</b>	100 lbs. (45.4 kg)
<b>Wheel Weight Total</b>	70 lbs. (31.8 kg)
<b>Neutral Switch</b>	Optional
<b>Input Type</b>	Pulley & Belt
<b>Net Weight</b>	38 lbs. (17.2 kg)

### Peerless 820 Series Manual Shift Transaxles

Peerless 820 Series transaxles are available with 1" (25.4 mm) axle shafts. Output Torque Capacity 450 ft. lbs. (610 N-m)



Specifications subject to change without notice.

812-883-7981 - USA Sales / Factory  
 812-883-7892 - USA Engineering  
 0044 1932 599079 - European Sales & Engineering

[www.peerlessgear.com](http://www.peerlessgear.com)

## PEERLESS® GEAR

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