

ZT-4400™

Heavy Duty Commercial

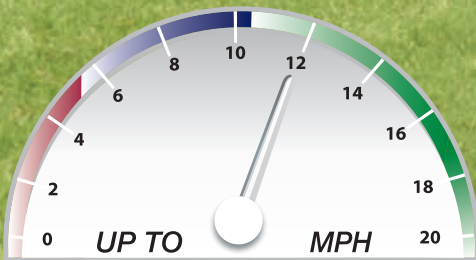
NEW

- Oversized 1.25" axle to support heavier loads
- Heavy-duty bearings for longer life
- Charge pump for increased performance
- Hydraulic circuit protection

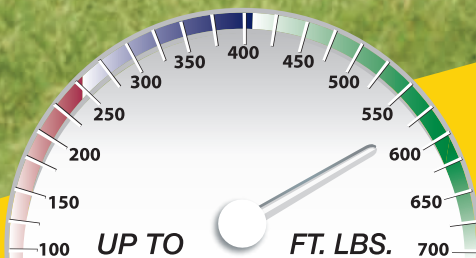


HYDRO-GEAR®

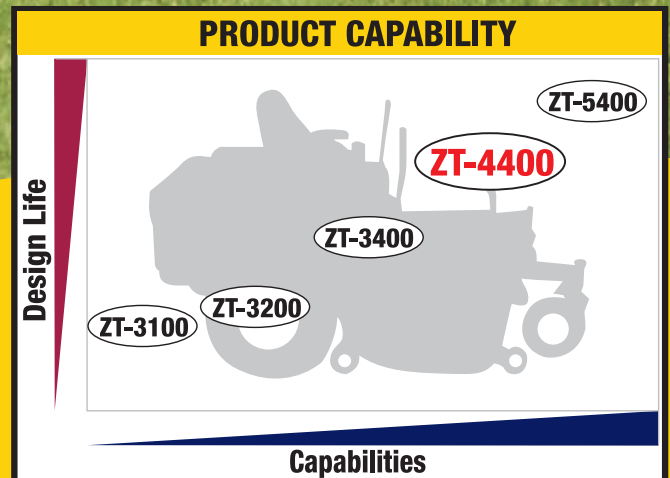
COMMERCIAL



SPEED



TORQUE

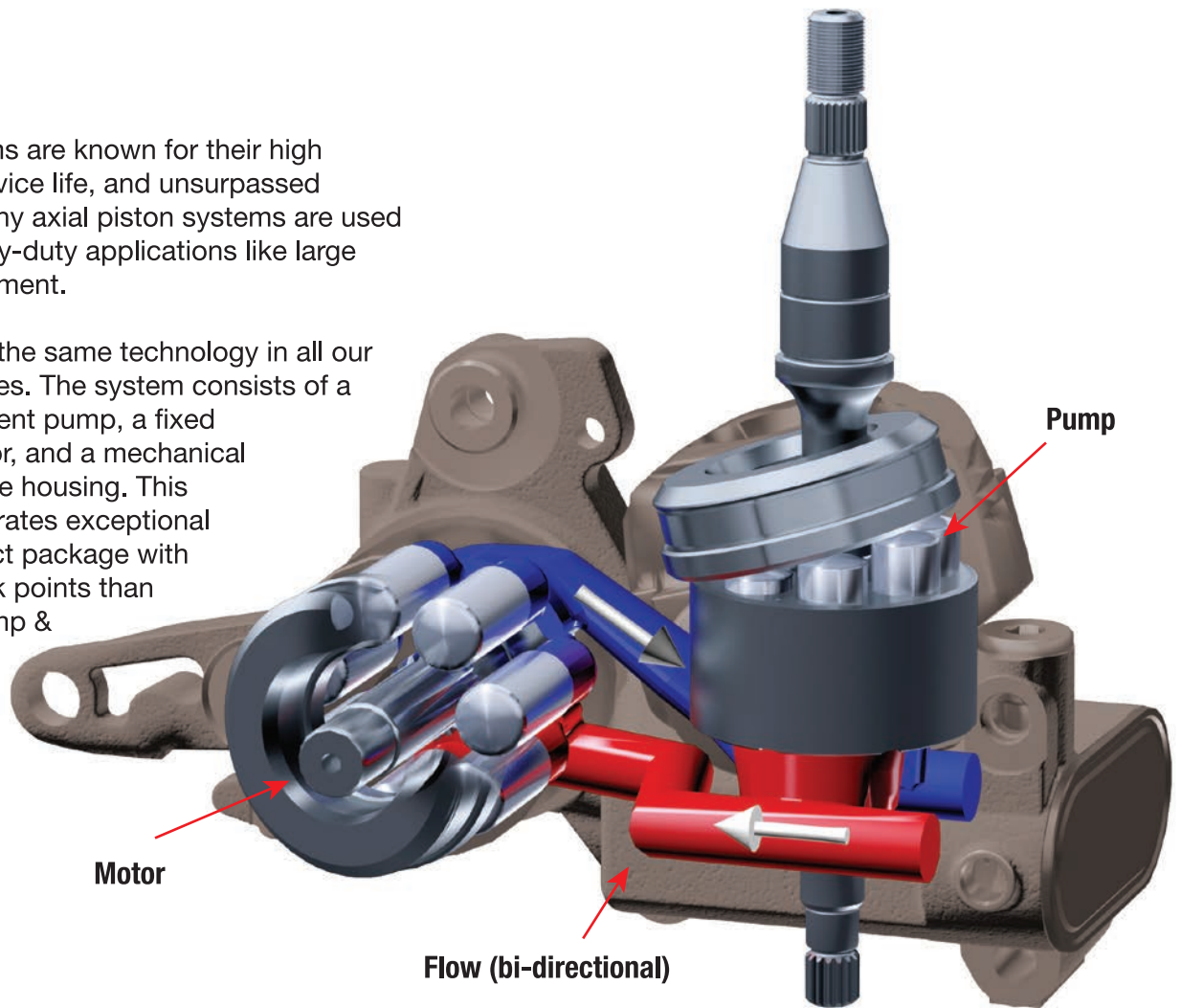


Quiet, Reliable, Efficient

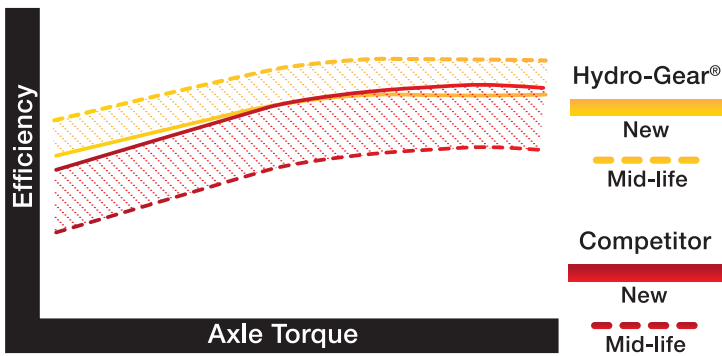
The Technology

Axial piston systems are known for their high efficiency, long service life, and unsurpassed durability. That's why axial piston systems are used extensively in heavy-duty applications like large earthmoving equipment.

Hydro-Gear® uses the same technology in all our integrated transaxles. The system consists of a variable displacement pump, a fixed displacement motor, and a mechanical reduction in a single housing. This configuration generates exceptional torque in a compact package with fewer potential leak points than traditional split pump & motor systems.



EFFICIENCY



Hydro-Gear® transaxles utilize an axial piston pump and motor. Competitors use an axial piston pump coupled to an old-fashioned geroller motor. Both systems offer similar efficiencies when new. Yet, axial piston systems' efficiency improves with usage while geroller systems can lose up to 10% efficiency as they wear.

LONGEVITY

Hydro-Gear® products are designed and built to be the most reliable hydrostatic drive systems in Lawn & Garden.

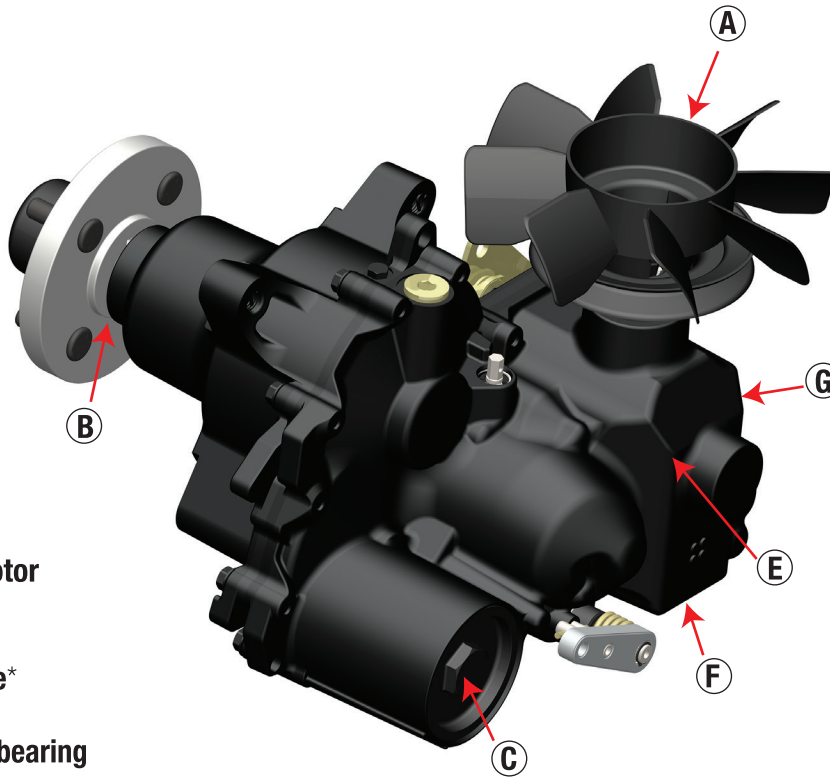
Our residential and commercial products are subjected to rigorous checks during, and after, the assembly process. The end result is a drive system built for maximum performance and durability. With proper scheduled maintenance, a Hydro-Gear transaxle installed in a mower will provide many years of reliable service and last the life of the mower.



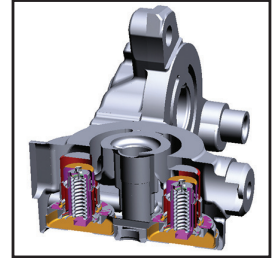
ZT-4400™

Heavy-duty commercial transaxle

- Ⓐ 8.3" fan for better cooling
- Ⓑ 1.25" axle for heavier loads
- Ⓒ Serviceable oil filter for easier maintenance
- Ⓓ Shock valves for hydraulic circuit protection*
- Ⓔ 12cc pump/16cc motor
- Ⓕ Charge pump for greater performance*
- Ⓖ High capacity thrust bearing for longer life*



Ⓒ Serviceable oil filter



Ⓓ Shock valves



Ⓕ Charge pump

* Not visible on illustration

SPECIFICATION		ZT-4400™
Overall Reduction		18.7:1
Pump Displacement	<i>in³/rev [cc/rev]</i>	0.73 [12]
Motor Displacement	<i>in³/rev [cc/rev]</i>	0.97 [16]
Input Speeds		
Maximum Hi-Idle [No Load]	<i>rpm</i>	3600
Minimum [Loaded]	<i>rpm</i>	1800
Output Torque	<i>lb-ft [N-m]</i>	up to 575 [779]
Speed	<i>mph [kph]</i>	up to 12 [19]
Gross Vehicle Weight	<i>lb [kg]</i>	up to 1800 [816]
Axle Shaft	<i>in [mm]</i>	1.25 [31.75]
Axle Shaft Options	<i>Type:</i>	4-Bolt Flange 5-Bolt Flange
Weight of Unit	<i>lb [kg]</i>	49 [22.20]



TRACK RECORD

Hydro-Gear® pioneered the first integrated hydrostatic transaxle more than fifteen years ago. Since then, Hydro-Gear has become the industry's gold standard for performance and durability for residential and commercial hydrostatic transaxles. Today, Hydro-Gear has more integrated transaxles in residential and commercial mowers than any other manufacturer.

HEAVY DUTY COMMERCIAL



ZT-4400™

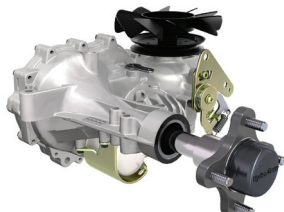


ZT-5400 Powertrain®

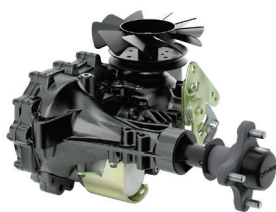
COMMERCIAL



ZT-3100®

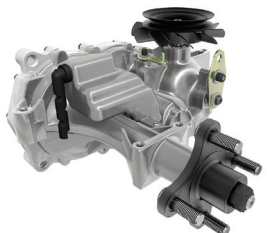


ZT-3200™



ZT-3400®

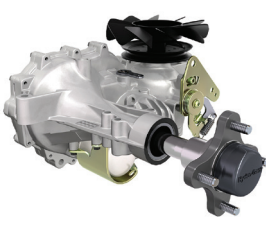
RESIDENTIAL



ZT-2100®



EZT® - (ZT-2200)



ZT-2800®

PARTS & SUPPORT



Hydro-Gear® has one of the best service networks in the industry, with 11 regional service distributors covering North America, providing technical support and regional training. Hydro-Gear distributors stock

a complete range of replacement units and repair parts.

HYDRO-GEAR® COMMERCIAL

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