

# Introducing Breaker Technology's Next Generation

## Hydraulic Drive Mining Truck!

BTI is proud to introduce their next generation, reliable and hyper-efficient **Hydraulic Wheel Drive mining truck!** This is a game changer and offers substantial benefits to your mine operation:

- This system will allow the vehicle to be at least **35% more efficient** – burning less fuel **saves you money**
- With **no torque convertor, transmission, drive shafts or axles** this vehicle will require less maintenance, **saves you money.**
- When using **four (4) wheel motors with traction control**, you can direct the torque where it is needed, **extending tire life and reducing tire costs.**

Main components in this new system are: engine, pump, **four (4) wheel motors, speed sensors, smart drive** and **MD3 Parker IQAN processor.**



FEATURES	BENEFITS
Brake and throttle controls are designed to resemble a traditional mechanical drive	Operators used to mechanical drive systems will not need to change operating techniques.
Speed sensor eliminates tire slip and directs the torque to the other wheels (traction control).	<b>Reduced tire wear</b> and damage due to slipping.
Speed is controlled while turning to provide perfect differential.	Reduced tire wear when turning and <b>better control</b> of vehicle.
Service brake is provided hydraulically, eliminating mechanical brake linings.	Reduced maintenance costs and downtime, <b>no brake linings to adjust and change.</b>
Increased efficiency allows the vehicle to tram faster with same engine size or reduce engine size.	<b>Reduce fuel consumption</b> by 35% or reduce the vent rate by using a smaller engine, saves you money.
No drive line, transmission, or torque convertor.	Machine design is simpler and <b>easier to work on.</b>



## Hydraulic Drive Mining system available on all BTI support carriers and cassette system

BTI offers the **Hydraulic Wheel Drive (HWD)** on all **LP12 mobile carriers** and the new **Mine Runner Multi-Purpose** vehicles.

**Vehicle configurations available:** *Personnel Carrier – Maintenance/Mechanic – Fuel Lube – Crane/Scissor – Lift Vehicle – Tele/aerial Boom – Shotcrete Transfer – Scissor Lift and more...*

Other features available on the LP12 HWD carriers are;

1. ROPS/FOPS ergonomic operators cab with air ride operators and passenger seat, air conditioning and heating, low noise, and excellent visibility.
2. With Hydraulic Wheel Drive the operator can select the speed to travel at – cruise control. More comfortable and safer operation.
3. With Hydraulic Wheel Drive there are fewer spare parts to carry (less inventory)
4. The LP12 HWD is available with a cassette system providing more flexibility to your mining operation with the same carry capacity.



Authorized Distributor  
Thiessen Team  
[www.thiessenteam.com](http://www.thiessenteam.com)  
Canada 604.532.8611 USA 866.777.1205

