

TIREBOSSTM

Tire Pressure Control

Total Tyre Pressure Control at your fingertips!

TPC International Profile

- Privately held company based in Edmonton, Alberta, Canada established in 1996.
- Commercial systems operating in over 15 countries with established support structures
- Supplying TPCS into the UK since 2006.
- 120 units now operating in the UK.
- 2 units introduced into Ireland in 2013.
- Support & Service are key strengths

Many Diverse Applications



What is TIREBOSS?

A computerized Tyre Pressure Control System that allows a driver to monitor and adjust tyre pressures to match his load and speed, while in motion.

Basic Principle



High tire pressure concentrates vehicle weight to a small contact surface area.

Reducing tire pressure creates a longer footprint and distributes the load over a larger area.



Benefits

Lowering the tyre pressure results in:

- Increased traction and mobility
- Superior performance in soft ground
- Reduction in assist vehicles
- Reduced soil compaction
- Smoother ride – less vibration
- Increased tyre life and ability to regroove
- Reduced vehicle maintenance costs

Controller



- The “brain” of the TIREBOSS system and its operator interface
- Displays visual & audible alerts
- Pre-programmed to match your specific application and configuration
- Provides operational warnings
- Various language options

Driver Only Makes Simple Selections And The Control Automatically Does The Rest

Example Settings

Company:		James Jones & Sons		TIREBOSS™ Tyre Pressure Control		
SETTING #	SETTING DESCRIPTION	Steer PSI	Drive PSI	Trailer PSI	MAX Mph	MAX TIME
1	Highway Empty		65	65	none	NO LIMIT
2	Off-Highway Empty		60	60	50	NO LIMIT
3	Push Road Loaded		45	65	20	NO LIMIT
4	Secondary Loaded		65	85	30	NO LIMIT
5	Main Line Loaded		70	100	50	NO LIMIT
6	Highway Loaded		80	130	none	NO LIMIT
7	Emergency Traction		35	65	05	5 MIN
8	Tractor Only-Bobtail		50	130	none	NO LIMIT
6 x 2 & Trl with maxi tyres						APP-5

Trailer Axle



TPC INTERNATIONAL
TIRE PRESSURE CONTROL INTERNATIONAL LTD.

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Drive Axle Hardware is Practical & User Friendly



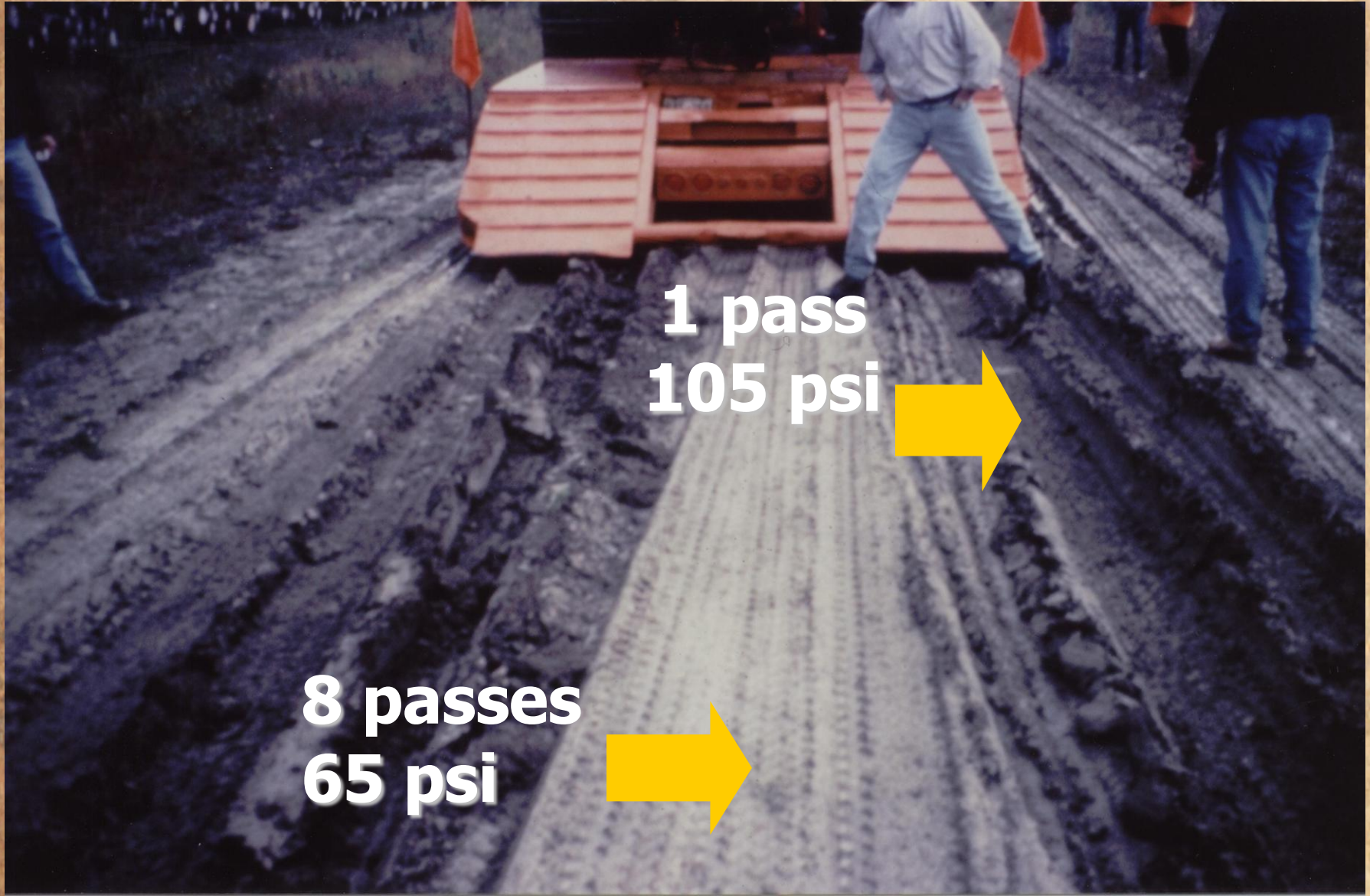
External Hardware Proven Durable



Log Haul in BC Canada



Demonstrated Results



GOING FORWARD

Forest Road Specification



Changing Vehicle Configurations

- **Various Changes can include:**
 - 6 x 2 (with lift axle) instead of 6 x 4
 - Less aggressive tyres – longer life
 - Lighter chassis and trailer components
 - Lower HP engines

Arctic 6 x 2 (with tag) and Maxi tyres on trailer



Tire Pressure Control International

For more information contact:

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Thanks for your attention