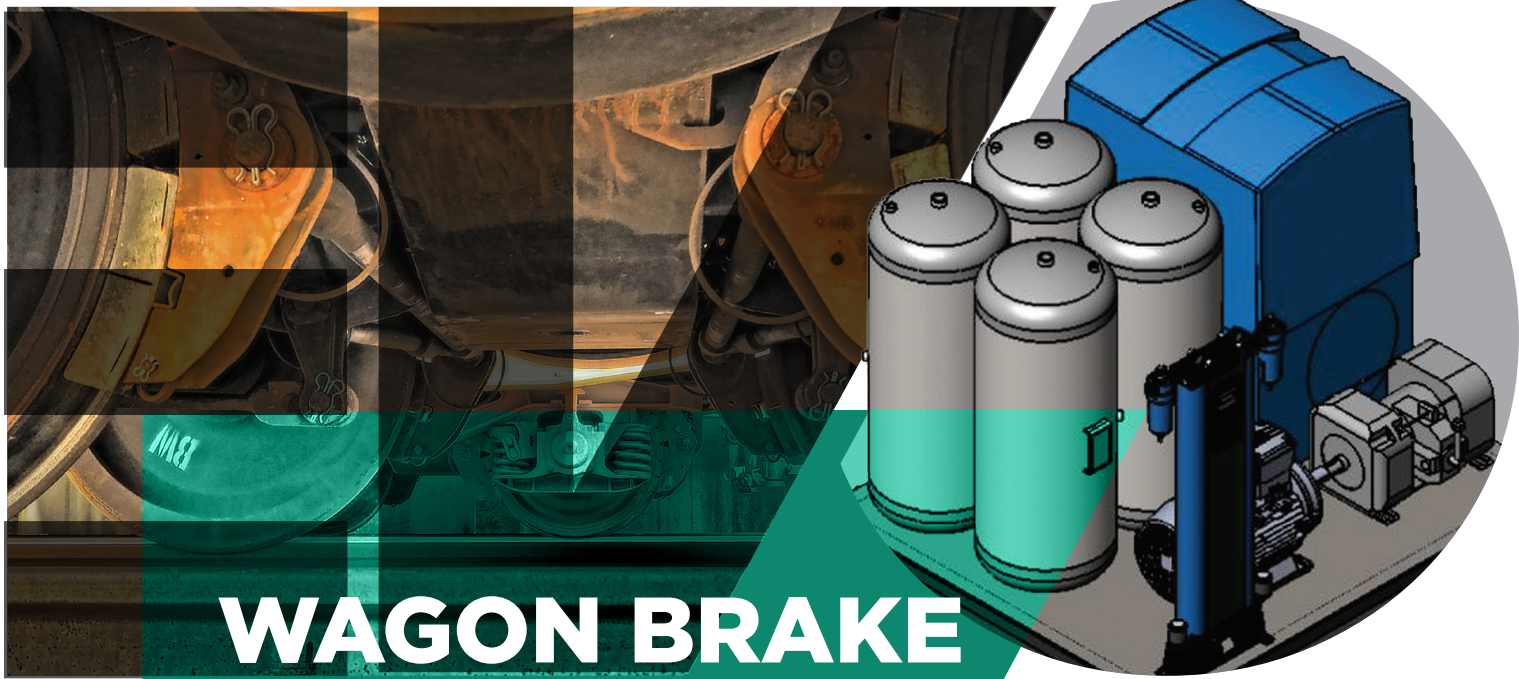


EVORAIL BT1



WAGON BRAKE TEST SYSTEM

The Evorail Wagon Brake Test unit is designed to allow rail operators to test the brake system on multiple wagons coupled together at the same time.

The unit makes use of an advanced control system to test and certify the train and is designed to test both vacuum and air brake wagons.

The system incorporates the necessary filtration and air drying equipment to guarantee the quality of the air supply to the wagons.

The unit can be configured to run with or without external air / vacuum supply

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SPECIFICATIONS

PHYSICAL DIMENSIONS

Approximate weight	1000 kg
Approximate dimensions	Width: 1,8 m
	Length: 1,7 m
	Height: 2,0 m

INPUT

Voltage supply	3-Phase 380 VAC
	50 Hz supply
Full load current	46 Amps
Starting current	115 Amps
Operating temperature	1 to 45 degrees Celsius

COMPRESSED AIR SUPPLY

Working pressure range	7.5 to 13 bar
Air flow rate at 10 bars	3.21 m ³ /min



VACUUM SUPPLY

Oil container capacity	4.6 Litres
Oil consumption	85 ml/hr (approximately 27 hours for half oil tank)
Oil type	Single grade oil with the following specifications: APICF/CF4 or higher ACEA: E2 or higher
Vacuum pressure	1000 mbar
Volume flow rate:	5.33 m ³ /min

CONTROL SYSTEM

PLC based digital control system

- Digital pressures measurement
- Customizable pressure setpoints for main reservoir
- Customizable brake control pressure points
- Flow rate measurement
- 7" touch screen digital display
- Robust control handle
- Selection of air / vacuum brake system