



Freight Car
Solutions



UBX[®]

Truck Mounted Brake System



The Most Versatile, Lightweight Braking Solution in the Industry

The UBX[®] Truck Mounted Brake offers a cost-effective alternative to traditional, body mounted braking systems. Made of durable, lightweight materials, it's almost half the weight of conventional brake rigging and is engineered to meet nearly all brake force requirements simply by changing levers. It is easy to install and conveniently eliminates the need for reconditioning of the existing brake beams or cylinders.

- Compatible with both 70 and 100 ton applications
- Integrated standard Group "N" hand brake connection, #24 brake beam and 2" brake shoes
- Double-acting automatic slack adjuster with infinite adjustment capabilities
- Maintenance-free air spring actuator and piston travel indicator



CUSTOMER BENEFITS:

- + 45% lighter than a body mounted brake for easier installation
- + Handles full, single wear of wheel and shoes to condemning limits with no adjustments
- + Requires no special bolster, attachments or saddles
- + Lowers operating costs by reducing shoe wear and hand brake linkage
- + Superior sealing air actuator eliminates contaminants

Prototype



Ready to quote



Ready to produce



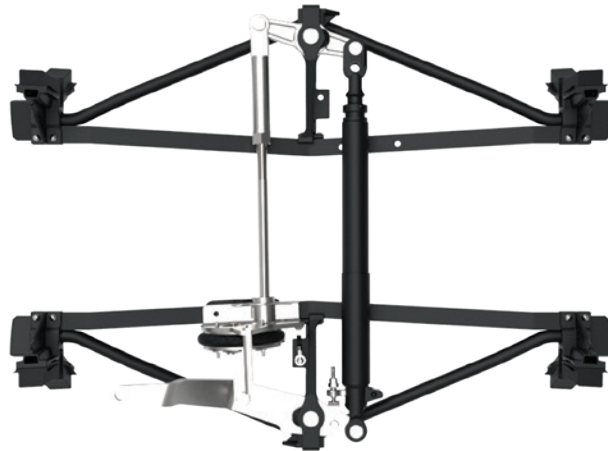
In production



A Practical Upgrade to Reduce the Costs Associated with Materials and Labor

Additional benefits of use:

- Optimized airbags eliminate the need to adjust brake cylinder pipe volume
- Easy to install and adjust



Product Specifications	10" Diameter Short Travel	10" Diameter Long Travel
Nominal PT	3.75"	4.50"
Air Actuator		
Clearance Volume	55 cu. in.	55 cu. in.
Displaced Volume	185 cu. in.	220 cu. in.
Nominal Output Force @ 65 psi	3,400 lbs.	2,850 lbs.
Output Force Per Truck @ 80% Efficiency		
Low 5.25 Lever Ratio	14,281 lbs.	11,971 lbs.
Mid 5.60 Lever Ratio	15,233 lbs.	12,769 lbs.
High 6.0 Lever Ratio	16,321 lbs.	13,681 lbs.
UBX® Truckset	With Hand Brake	Without Hand Brake
Weight	Approx. 400 lbs.	Approx. 385 lbs.

To discover everything the UBX® Truck Mounted Brake System can do, contact:

Wabtec Corporation
 1001 Airbrake Avenue, Wilmerding, PA 15158 USA
 (888) 264.0011
 wabtec.com
 email: info@wabtec.com