

# Bogie Mounted Brake System - Twin Cylinder



**Description :** Bogie Mounted Brake System (BMBS) - Twin cylinder

**Application :** Wagons, Proven in UIC market

**Key Benefits of Product :**

- Internal amplification through Wedge principle on pistons; No need for Bell-Crank lever for external amplification
- Brake cylinder is equipped with built-in double acting slack adjuster positioned within the beams; Avoids overhanging
- No risk of parallelogram instability, High efficiency and Consistent output force at all wear conditions.
- Light weight & flexible high strength structural steel beam plates
- Brake block replacement can be done easily
- Reduced uneven brake block wear due to Twin Cylinder arrangement
- Key for Brake block securing can be inserted both from top and bottom
- The Brake Beam can be dismantled without dismantling bogie for ease maintenance

- Plastic liner for low friction sliding and ease of replacement
- Lesser number of joints and efficient force transfer configuration

**Technical Features :**

- Block output force : 25 kN (customizable)
- Output stroke : 45 mm Max.
- Slack adjustment : 249 mm Max.
- Hand brake force : 32 kN (customizable)
- Weight : ~ 200 kg per bogie

**References :**

- Matisa, Switzerland
- SNCF, France
- Axiom, UK
- TWA, Europe
- Australian market

