



S-2-HD BOGIE

BOGIE FOR STANDARD* APPLICATION

As the most popular bogie for AAR interchange service, the S-2-HD has a long and well-proven history for global heavy haul service, and includes optional features and accessories to meet specific operational requirements.

Wheelbase	1778 mm
Track gauge	1435 mm
Wheel diameter	915 mm, when new
Journal to journal distance lateral	20006.6 mm
Axle load	32.42 metric tons (standard AAR): design available up to maximum 45 metric tons
Suspensions	Split wedge variably damped with AAR spring groups
Bogie design	With or without shear pads for axle steerability
Side bearing distance lateral	1270 mm
Center bowl diameter	406.4 mm
Brakes	Foundation brake rigging, or universally accepts bogie-mounted brakes such as TMX, UBX and/or others with AAR unit guide brake beams
Regions sold	Unconditionally approved for interchange service in USA, Canada, and Mexico (AAR M-976); revised design used in other countries, including Australia, Brazil, Guinea, and Mauritania

*Barber® bogie standard models and suspensions can be redesigned for different track gauge and clearance diagram per international and/or local requirements

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