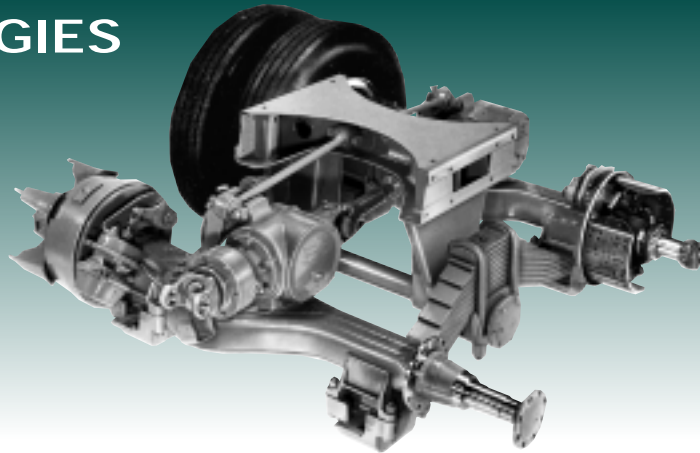


MACK

BOGIES



S582

58,000 LBS [26 300 kg]

DETAIL SPECIFICATIONS

REAR AXLES

MAKE: MACK

Axle Model	S582	
Capacity	58,000 [26 300 kg]	
Creep Rating, Pounds..	75,000 [34 000 kg]	
(Max. 5% mileage @ 5 mph)		
Gross Combination Weight Rating:		
	<u>Turnpike</u>	<u>Paved</u>
w/Std. CRDPC112 - CRD113 Up to:	155,000	130,000
	[70 300 kg]	[58 900 kg]
w/Opt. CRDP202 - CRD203 Up to:	200,000	170,000
	[90 700 kg]	[77 100 kg]

See MackTraq for specific GVW/GCW ratings per Carrier Application Guidelines. Failure to follow these guidelines may void Mack's Carrier Warranty.

Carriers

Type

Standard Dual Reduction Top Mounted with Inter-Axle Power Divider & 4 Pinion Closed Differential
 Optional . Air Assisted Inter-Axle Power Divider Lockout
 Optional (CRD2021-2031) Interwheel Power Divider
 Standard Iron - CRDPC112 - CRD113

Available Ratios:

3.86; 4.17; 4.42; 4.64; 5.02; 5.32; 5.55; 5.73;
 5.88; 6.06; 6.34; 6.56; 7.00; 7.49; 8.27; 9.10

Due to application variations (engine power/torque, transmission, tire size and duty cycle) some ratios may not be acceptable for GCW/GVW ratings listed.

Optional Iron - CRDP202 - CRD203

Available Ratios:

3.63; 3.94; 4.35; 4.73; 5.02; 5.46; 5.95; 6.41; 7.08; 8.37

Due to application variations (engine power/torque, transmission, tire size and duty cycle) some ratios may not be acceptable for GCW/GVW ratings listed.

Carriers (Continued)

Oil Capacity, pints Carrier Bowl, each 26 [12.3L]
 Bevel gear compartment, each carrier
 (112/113) 8 [3.8L]
 (202/203, 2021/2031) 8.5 [4.0L]
 Inter-Axle Power Divider
 (112) 1.0 [0.5L]
 (202/2021) 1.5 [0.7L]
 Drain Plugs Magnetic

Axle Housing, Type

Cast ductile iron with forged spindles pressed into housing
 Diameter Inner Bearing 4.0" [102 mm]
 Outer Bearing 4.0" [102 mm]
 Spindle Bore 2.75" [70 mm]

Axle Shafts, Type

Material Free splined both ends
 Induction Hardened
 Chromium Molybdenum Steel
 Body Diameter 1.890" [48 mm]
 Diameter over Splines 2.200" [56 mm]
 Splines, Number & Type 43-Involute

Brakes

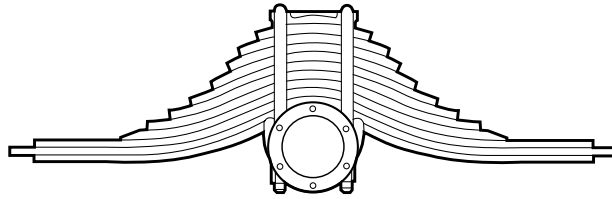
Service Brake
 Type "S" Cam
 Manufacturer Meritor
 Actuation Air
 Lining Size, Dia. 18.0" [457 mm]
 Width 7" [178 mm]
 Lining Thickness 0.75" [19 mm]
 Lining Area, Total 1,000 in² [6 452 cm²]
 Chamber Size—Sq. In. Per Wheel 1 @ 30 [194 cm²]
 Slack Adjuster Length 6" [152 mm]
 Brake Adjustment Self Adj.
 Parking Emergency Brake Spring Loaded Chamber

Auxiliary Spring Brake

Type Spring Loaded Chambers
 (Double Diaphragm Type)
 Spring Release Mechanical
 No. of Units Four (One Unit per Wheel)

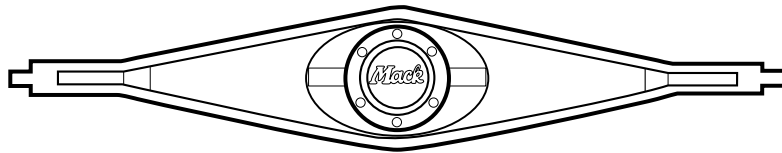


SUSPENSIONS



MULTILEAF CAMEL-BACK SPRING

MACK Unit Symbol	SS582
Capacity (Ground Load Rating)	58,000 [26 300 kg]
Load Centers	54" [1 372 mm]
Spring Centers (Chassis Width)	38.35" [972 mm]
Spring Width	5" [127 mm]
Number of Leaves & Thickness:	
Std. Spring	13 @ .788" [20 mm]
Anti-Sway	10 @ .1.00" [25 mm]
Axle Retention	Upper & Lower Rubber Shock Insulators, Spring Brackets Integral with Housing, Cast Steel Caps
Trunnion Bracket & Crossmember	Fabricated Steel Crossmember with Upper Gussets & Cast Steel Trunnion Brackets (Eagle Claw Type)
Spindle	Solid
Bushing	Bronze
Torque & Propulsion	Horizontal Torque Rods and Springs



WALKING BEAM

MACK Unit Symbol	SW582
Capacity (Ground Load Rating)	58,000 [26 300 kg]
Load Centers	54" [1 372 mm]
Beam Centers (Chassis Width)	38.25" [972 mm]
Beam, Type	I-Section
Material	Fabricated Steel
Width	5" [127 mm]
Axle Retention	Upper & Lower Rubber Shock Insulators, Spring Brackets Integral with Housing, Cast Steel Caps
Trunnion Bracket & Crossmember	Fabricated Steel Crossmember with Gussets & Cast Steel Trunnion Brackets (Eagle Claw Type)
Spindle	Solid
Bushing	Bronze
Torque & Propulsion	Horizontal Torque Rods and Walking Beams

The information in this brochure was accurate as known as of the date of the publication. Illustrations may not be representative of current product. Mack Trucks, Inc. reserves the right to make changes in specifications, equipment or design, or to discontinue models or options without notice at any time.