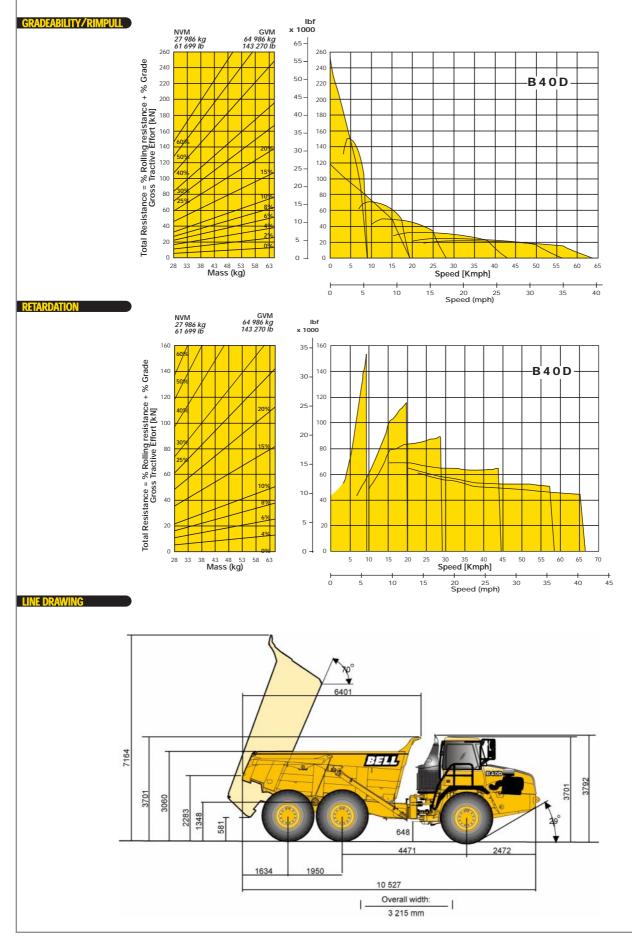


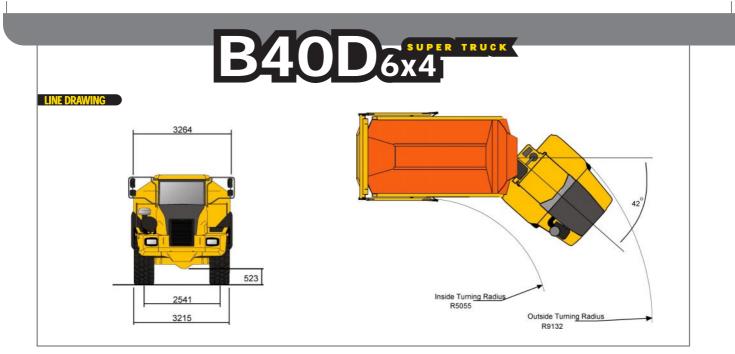
B40D6x4

ENGINE Configuration Aspiration Cooling System Gross power Net Power Gross torque Net Torque Displacement Fuel tank capacity	Mercedes Benz OM501LA V-6 Turbocharged and intercooled Liquid cooled with single pass radiator as well as charge air cooler 315 kW (422 hp) @ 1 800 rpm SAE J1349 308 kW (413 hp) @ 1 800 rpm 2 000 Nm (1,473 lbft) @ 1 080 rpm SAE J1349 1 974 Nm (1,453 lbft) @ 1 080 rpm 11,95 litres (730 cu.in) 485 / (128 US gal)	valv System pressure 810 ELECTRICAL SYSTEM Voltage 24 V Battery type Two Battery capacity 2 x Alternator rating 28 V STEERING SYSTEM Hyd	o maintenance free permanently sealed 105 Ah (optional 2 extra batteries) V 100 A Irostatically actuated by two double acting
TRANSMISSION Layout Gear layout Gears Clutch type Control type Torque converter layout Vehicle speeds TRANSFER CASE Layout AXLES Differential type Final drive type Housing type BRAKING SYSTEM SERVICE BRAKE Maximum brake force PARK & EMERGENCY Maximum brake force AUXILLIARY BRAKE Maximum Retardation VHEELS Tyre Size Type Max ground pressure (laden) SUSPENSION Front type Rear type	 Allison HD 4560 with integral retarder & dual shifting programme Engine mounted box with rear output Constant meshing planetary gears, clutch operated 6 Forward, 1 Reverse Hydraulically operated multi-disc Electronic Hydrodynamic, with lock-up in all gears 1st 2nd 3rd 4th 5th 6th R 9,1 19,3 28,0 43,0 56,0 63,0 8,0 km/h 5.7 12.5 17.5 27.0 35.0 39.3 5.0 mph VGR 17000 Three in-line helical gears Bell 25 tonne Spiral bevel type with Controlled Traction Differentials (CTD) on front and middle axle Outboard heavy duty planetary on front and middle axle Steel fabricated Dual circuit, full hydraulic actuation vented dry disc caliper brakes on all three axles 193 kN (43,390 lbf) Spring applied, air released driveline- mounted disc. 440 kN (98,920 lbf) Automatic exhaust brake and Engine Valve Brake (EVB) 830 kW (1,113 hp) 26.5R25 Radial Earthmover 156 kPa (23 psi) Semi-independent leading A-frame supported by nitrogen/oil struts Pivoting walking beams equalize the load on each axle with laminated suspension blocks. Each axle is coupled to the chassis by a Tri- Link system of three rubber-bushed links for ideal vertical movement and a transverse link for lateral restraint 	Angle +- 4 Lock to lock turns 4,7 BODY Capacity: Struck 4,7 Rated payload 36 C Raise time 13 s Power down time 7,6 Tipping angle 70 c OPERATING WEIGHTS Empty: Front 13 C Rear 65 Total 27 C Laden: Front 182 Middle 23 2 Rear 22 4 Total 63 C STANDARD ECUIPMENT Cab ROM Prot fence stru • Still Angle +- 4 Comparison of the sett Brakes Ven Fully other Gro • m OPTIONAL EQUIPMENT (Fac Exh Lubrick 12 Cab Face Cab Face Cab Face Cab Face Cab Face Cab Face Cab Face Cab Face Cab Face F	s degrees 692 kg (30,186 lbs) 257 kg (16,594 lbs) 767 kg (14,919 lbs) 986 kg (61,699 lbs) 272 kg (40,289 lbs) 277 kg (49,562 lbs) 986 kg (141,088 lbs) PS/FOPS certification tective rear window guard • Handrails on ders • Tilt cab for service access • Gas it supported door • Tinted safety glass iding windows • Rearview mirrors- regular wide angle •Electric adjust and heated ors (one per side) • Sun visor liper/washer with intermittent control It and telescoping steering wheel djustable, air suspension seat with actable seat belt • Fold-away trainer seat or retractable seat belt • HVAC climate trol system with filtered and ducted air gral transmission output retarder with 6 ings ted dry disc callipers on all three axles y hydraulically actuated • Spring applied elease park brake on rear driveshaft und driven emergency steering echanical autogate ctory and field installed) aust body heating • Groeneveld central ication system • Body liners • Flashing con • Work lights • Artic reverse light
HYDRAULIC SYSTEM Pump Type Application Flow: Pressure: Filter:	Full load sensing system serving the prioritized steering, body tipping and brake functions. A ground-driven, load sensing emergency steering pump is integrated into the main system Variable displacement, loadsensing piston Steering, tipping, hydraulic brake charging and cooling fan drive 300 // min (79.26 US gal/min) 25 MPa (3,626 psi) 10 micron	filter tyre Provision for: FM	ectrical horn • 2 extra batteries • Fuel heating element • High speed compound and 2-way radios • Reverse camera and m • Wiggins quick fuelling system

B40D6x4



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What makes the B40D Super Truck a great performer...

- High speed
- High performance engine with increased power and torque
- Improved cab setting new standards in comfort, sound levels and simplicity in operation
- Tailgate fitted as standard
- Increased pay load
- Improved tip cycles
- Tighter turning circle
- Fewer scheduled service requirements
- Improved service access
- Electronic component protection
- Powerful hydraulic transmission retarder drastically cuts brake use extending pad life up to a factor of five
- Rops/Fops certified

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All dimensions are shown in millimetres, unless otherwise stated between brackets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. Photographs featured in this brochure may include optional equipment. Strong Reliable Machines Strong Reliable Support



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