

- ROPS/FOPS certification
- Protective rear window guard
- Tilt cab for service access
- Gas strut supported door
- Tinted safety glass
- Sliding windows • Rear view mirrors - regular and wide angle
- Sun visor
- Wiper/washer with intermittent control
- Tilt and telescoping steering wheel
- Adjustable, air suspension seat with retractable seat belt
- Fold-away trainer seat with retractable seat belt
- HVAC climate control system with filtered and ducted air
- Rotating beacon
- 12 V power outlet/12 V cigarette lighter Ash tray
- Drinks holder
- Cooled/heated lunch box
- I-Tip programmable bin tip • Sound insulated to 76 dB(A) to ISO 6396
- Radio/CD/Tape
- Memory Module Air horn

MDU Features

- Operator / Site selected speed control
- Tipping counter
- Trip timer Trip distance
- Transmission gear selection
- Fuel Consumption
- Diagnostics
- Intermittent wiper timing control Speedo calibration for alternative
- Metric /Imperial unit selection
- Warning lights with audible buzzer

- Engine coolant temperature
 - Engine oil pressure
 - Transmission oil temperature
 - Fuel
 - Tachomete
 - Battery voltage Hourmeter
 - Odometer
 - System air pressure

- Ground driven emergency steering
- Bin safety prop
- Articulation lock • Integral transmission output retarder
- with 6 settings

- (Factory or field installed)
- On Board Weigh System (OBW)
- Electrically adjustable rearview mirrors - one per side
- Groeneveld auto greasing system
- Retractable sun visor
- Exhaust body heating
- Autogate Body liners
- Fleetmatic Satellite Monitoring System
- Driver ID and immobiliser
- Forward working lights
- Artic reverse light
- Fuel heater
- External windshield visor
- Headlight protection grills
- Rear window wiper
- Antenna mounting bracket • System for reverse camera
- Wiggins quick fuelling system
- Tyre pressure monitoring

*standard specification for machines may vary according to region



What makes the **B25** D a great performer...

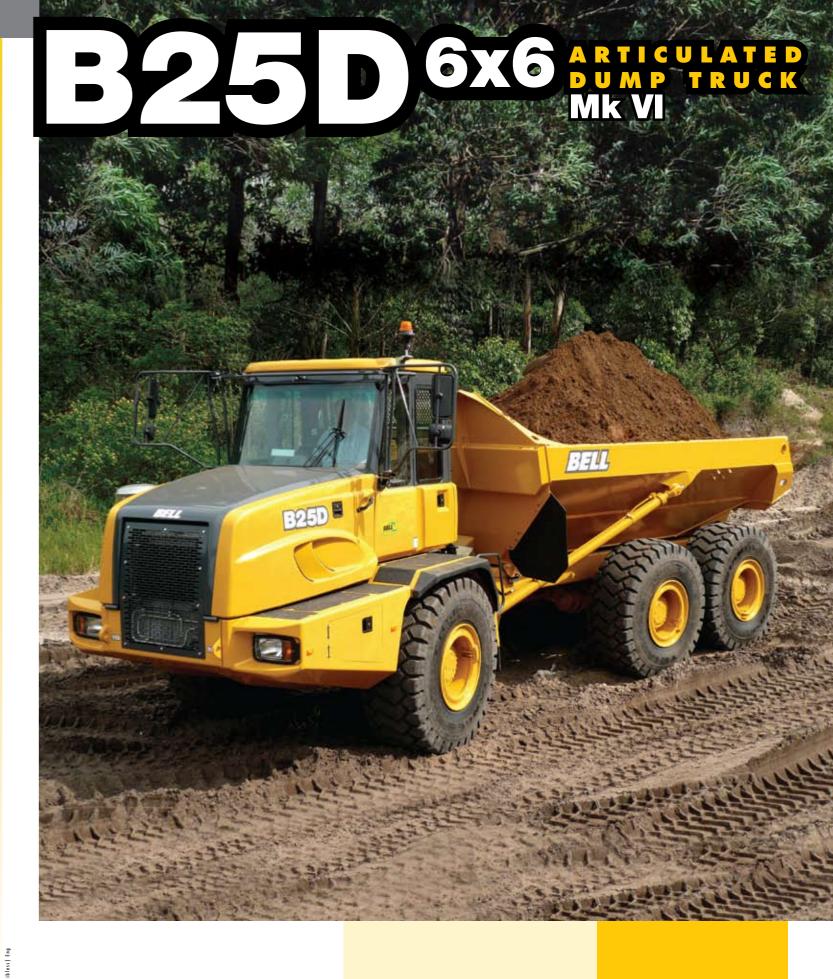
- With a highly efficient power and drivetrain combined with low rolling resistance, the Bell B25D delivers superior fuel efficiency
- High performance engine with increased power and torque and long service intervals
- Powerful hydraulic transmission retarder drastically cuts brake use extending pad life up to a factor of five
- Fewer scheduled service requirements
- Supreme driver comfort from a nitrogen over oil strut independent suspension system
- Deluxe cab setting new standards in comfort, sound levels and simplicity in operation
- Tight turning circle
- Electronic component protection
- Easy service access
- Fast tip cycles
- Low ground pressure to work jobs other trucks can't



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

Strong Reliable Machines







Gross Power: 205 kw (275 hp) Gross Torque: 1 000 Nm (735 lbft) Rated Payload: 23 200 kg (51,147 lbs)



cylinder, turbocharged, intercooled, low emission diesel engine

Gross power Net Power Gross torque 1 000 Nm (736 lbft) @ 1 200 -1 600 rpm Net torque 970 Nm (714 lbft) @ 1 200 -1 600 rpm 6,37 litres (389 cu.in)

Displacement Fuel tank capacity Auxilliary Brake

Certification Non Regulated

Control Type Electronic

13100 Layout Output Differential

High strength steel fabricated with spiral bevel type gears on the limited slip locking differential and heavy duty outboard planetary gears.

Bell 15T

Dual circuit, full hydraulic actuation caliper brakes on all wheels Maximum brake force PARK & EMERGENCY Spring applied, air re Spring applied, air released driveline mounted disc. Maximum brake force 396 kN (89,000 lbf)

Engine Valve Brake (EVB)

AUXILLIARY BRAKE Automatic exhaust brake and Maximum retardation 442 kW (593 hp)

Earthmover

Mercedes Benz inline 6

205 kW (275 hp) @ 2 200 rpm 198 kW (265 hp) @ 2 200 rpm

340 I (90 US gal) Exhaust brake Engine Valve Brake (EVB)

OM 906 LA.111/4-00 meets Europe (EU) step2; OM 906 LA.E3A/1 meets Europe (EU) step 3

Engine mounted, fully automatic ZF planetary transmission with six forward gears and one reverse gear. Hydrodynamic with lock-up in all gears. 6HP592C Ecomat 2 plus

Remote mounted

Three in-line helical gears. 67/33 torque proportioning, Pneumatically lockable on the move.

Pivoting walking beams, distributing equal load through laminated rubber suspension blocks. Each axle is coupled to the chassis by four rubberbushed links for ideal vertical movement.

Variable displacement with load sensing system incorporating a ground driven emergency steering pump. 184 l/min (48.6 gal/min)

Hydrostatically actuated, low effort, fast acting.

Two double-acting steering

10 micron

Lock to lock turns Steering Angle



Semi-independent, quad rubber mounted leading arm linkages supported by

Raise Time nitrogen and oil filled struts. Lowering Time Tipping Angle

System Pressure

Battery Type

25 Mpa (3915 psi)

Battery Capacity

19 44 28 33 53 5 mph 8 km/h

Two double-acting, single

stage, dump cylinders

Air drier with heater and

integral unloader valve,

serving park brake and

Two maintenance free

permanently sealed

2 X 105 Ah

28 V 80 A

auxilliary functions

810 kPa (117 psi)

12 s

6 s

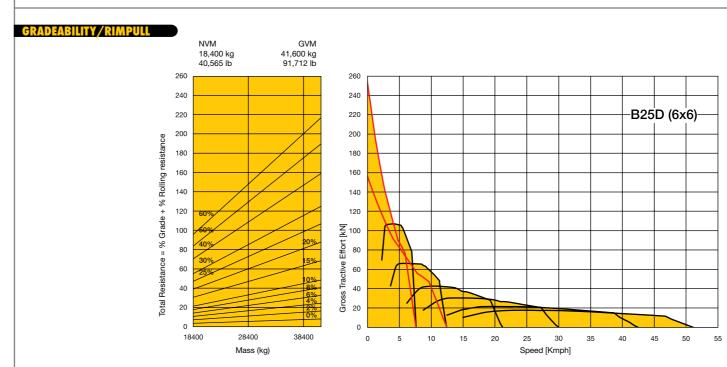
70°

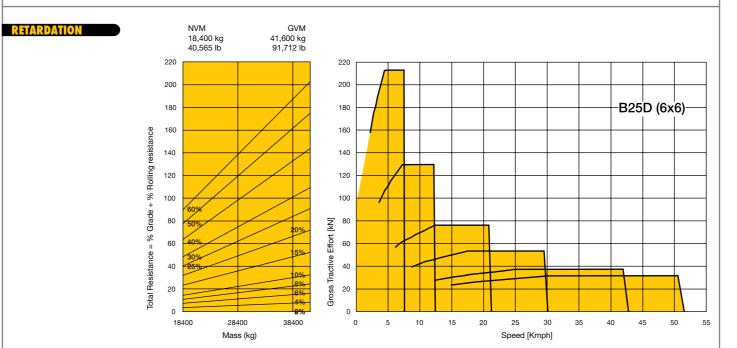


+-45°

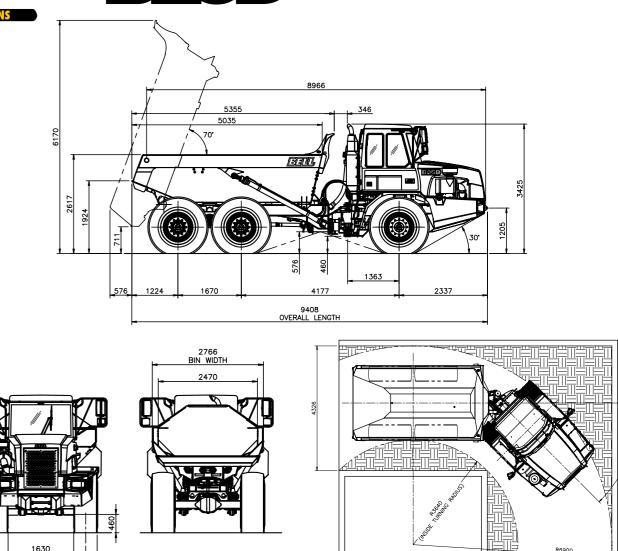
LOAD CAPACITY & GROUND PRESSURE

WEIGHTS			GROUND PRESSURE			LOAD CAPACITY		
UNLADEN	kg	lbs	UNLADEN	kPa	psi	BODY (Ribbed reinforced)	m³	cu.yd
Front	9,620	21,208	Front	92	3.5	Struck Capacity	10,8	14.1
Middle	4,420	9,744	Middle	43	6	SAE 2:1 Capacity	13,8	18.1
Rear	4,360	9,612	Rear	41	6	SAE 1:1 Capacity	16,9	22.1
Total	18,400	40,565	Total			SAE 2:1 Capacity		
LADEN			LADEN			with Autogate	14,5	19
Front	12,860	28,351	Front	250	36			
Middle	14,400	31,747	Middle	303	44	Rated Payload	23 200 kg	51,147 lbs
Rear	14,340	31,614	Rear	302	44			
Total	41,600	91,712						









TURNING RADIUS

