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Volvo BM 616B Backhoe Loader

CATEGORY: [BACKHOE LOADERS](#) →**MANUFACTURER:** [VOLVO](#) →**MODEL:** [BM 616B](#) →[See all Volvo BM 616Bs for sale](#)

General Specifications

Backhoe

Bucket Dig Force	7,518 lbs (3,410 kg)
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Dig Depth	14 ft (4 m)
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Reach From Swivel	19 ft (6 m)
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Dimensions

Ground Clearance	1 ft (0 m)
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Height to Top of Suspended Cab	9 ft (3 m)
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Transport Length	27 ft (8 m)
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Wheelbase	8 ft (2 m)
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Engine

Displacement	256 cu in (4,200 cu cm)
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Engine Model	BM D42
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Gross Power	79 hp (59 kw)
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Net Max Torque	196 lbs ft (265 nm)
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Number of Cylinders	4
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Hydraulic System

Pump Flow Capacity	30 gpm (113 lpm)
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Pump Type	gear pump
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Relief Valve Pressure	2465 psi
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Loader

Bucket Breakout Force	9,217 lbs (4,181 kg)
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Clearance at Max Dump Height	9 ft (3 m)
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Reach at Max Dump Height	2 ft (1 m)
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Operating Specifications

Alternator Supplied Amperage	43 amps
Cooling System Fluid Capacity	4 gal (16 l)
Fuel Capacity	25 gal (96 l)
Hydraulic System Fluid Capacity	50 gal (190 l)
Max Weight	19,731 lbs (8,950 kg)
Oil System Fluid Capacity	3 gal (11 l)
Operating Voltage	24 volts
Tire Size Front - 2wd / 4wd	12.5-20/10
Transmission Fluid Capacity	6 gal (22 l)

Tires

Rear Tires Size	18.4-34/14
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Transmission

Max Speed	19 mph (31 kph)
Max Speed - Reverse	19 mph (31 kph)
Number of Forward Gears	4
Number of Reverse Gears	4
Transmission Type	Volvo BM hydromechanical gearbox with powershift