

VOLVO BM

CRANE LOADER 641



The Volvo BM 641 crane loader is designed for high capacity and features a high-torque 59 kW (80 hp) Volvo BM diesel and 4-wheel drive with large wheels for minimum ground pressure and maximum tractive and floatation power. It loads high and fast both right and left with outstanding stability owing to the Volvo BM Stablematic system. The adjustable crane boom affords great flexibility in loading. Driver comfort is superior thanks to easy operation and a rubber-mounted cab ensuring a very low noise level. The pressurized cab is effectively dust-proofed. Built for operation round the clock — standard equipment includes 8 headlamps powered by a 700-W alternator.

The 641 crane loader offers unsurpassed versatility the year round owing to its Volvo BM snap-on coupling and wide range of attachments — excavating units, buckets, pallet forks, crane jib, log forks, dozer blades, rotary brooms, grabs, etc.



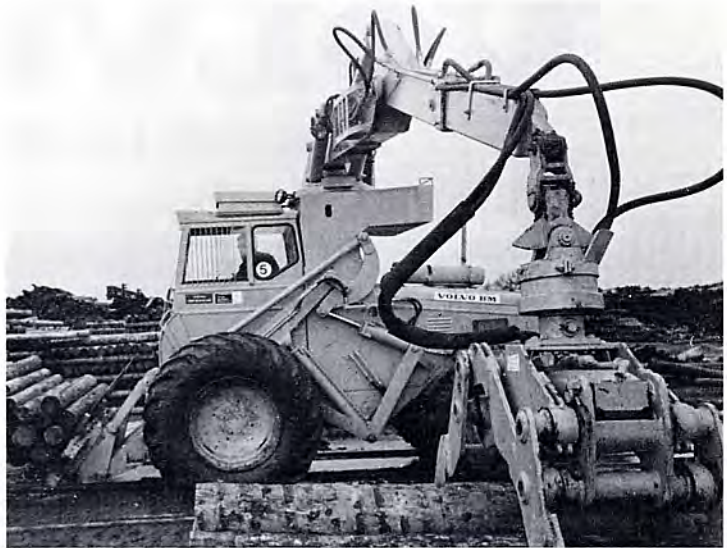
Extension hook for simple material handling.

Advantages include:

- Hydraulic system with standard components — simpler maintenance and servicing.
- High hydraulic power despite low hydraulic pressure — 11,76 Mpa (120 kp/cm², 1707 lb/sq.in).
- Convenient operation — Torque Converter and Power-Shift transmission — eliminates clutch and shutdowns.
- 280 degree swing allows operator to pick up material over a large area.
- Better compact load — knuckle boom allows grab to fit down in carrier.
- Volvo BM Stablematic — automatic hydraulic stabilizer permits loading to both sides without extra counter weights.
- Outstanding driver comfort — reduces operator fatigue — increases capacity.
- Possibility of using Volvo BM attachments for different material handling.
- Several "optional extras" are included among the standard equipment and included in the basic price — ready to go.

Safety equipments, optional extras

- Pressure gauge for crane boom load pressure with warning system.
- Locking valve for boom and tilt arm cylinders, at hose failures.



Specification for the Volvo BM 641 crane loader

Loader

Total weight (incl. liquid in all wheels)	12 230 kg (26 970 lb)
Width of machine	2 350 mm (92.5 in)

Crane

Crane, type	Volvo BM	
Load at side operation max. reach	4.1 m (161 in)	600 kg (1 323 lb)
Load at side operation min. reach	1.8 m (71 in)	1 700 kg (3 748 lb)
Length of crane boom incl. adjustable extension	5.6 m (18 ft 2 in)	
Max clearance under grab at a reach of 10 ft 2 in (3.1 m)	6.2 m (20 ft 4 in)	
Lift capacity	6 000 kpm (43 000 lb.ft.)	
Swing angle, crane boom, right-hand side	95°	
Swing angle, crane boom, left-hand side	185°	
Swing angle, crane boom, total	280°	

Grab

Grip area	0.5 m ² (5 1/2 ft ²)
Grab opening	1.7 m (5 ft 2 in)

Cab ventilator

Pressurizing cab ventilator with two two-speed fans, air cleaners and 4 adjustable air intakes	
Capacity	8 m ³ /min (280 ft ³ /min)

Tires	Standard	Extra
Front	18.4—30/10	23.1—26/10
Rear	14.9—24/10	

The manufacturer reserves the right to change specifications without prior notice.