

EIMCO MODEL 12B Specifications

Eimco 12B air-powered RockerShovel[®] rail-mounted loader will load one to two tons of rock per minute in headroom ranging from 79 to 83 inches.

Loads up to the face with any one of numerous rail advance methods.

The Eimco 12B is powered by Eimco Model 200 5-cylinder radial air motors to provide dependable power with minimum air consumption.

The upper deck is easy to swing for side digging and complete cleanup of the muck. Controls are simple and arranged for easy and safe operation of the machine.

The low center of gravity and high flange wheels keep the 12B on the track with powerful digging action. Self centering controls, operator step plate and guard bar meet all mine safety requirements.

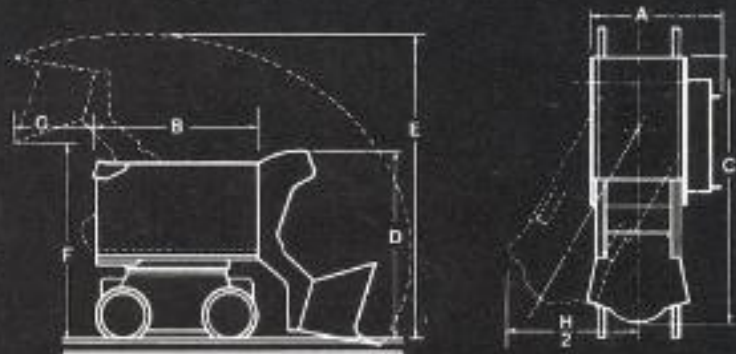
The air motors provide safe operation under all dust or gaseous conditions and the high starting torque gives high digging force. The Eimco-designed motors will not burn out when stalled.

Every 12B part is engineered and built for heavy-duty continuous loading of rock. Heavy shafts and bearings withstand the instant reversal and transmission of high torque. All main components are steel castings for extra strength and lower maintenance. Selective heat-treating of key components give long life without structural failures.

Standard parts, available throughout the world, keep replacement costs low. All wearing parts are easily accessible for quick convenient maintenance and keep downtime to a minimum.

Incline loading attachments are available for operation on down slopes to 25°. Adjustable digging width stops are available.

Buckets are heavy-duty with pointed lip design to give better penetration into the muck. Cast alloy steel bottoms are used in the bucket.



MACHINE DIMENSIONS

	English	Metric
A. Overall width (loading)	29"*	735 mm.*
Overall operating width (without step plate)	34"*	865 mm.*
B. Overall length (caging)	44"	1120 mm.
C. Overall length, bucket down	71" - 78"	1805 - 1980 mm.
D. Overall height, bucket down	48" - 51"	1220 - 1295 mm.
E. Headroom height, (depends on cars to be loaded)	78 1/2" - 83"	1995 - 2110 mm.
Headroom height (special)	68" - 76"	1730 - 1930 mm.
F. Discharge height of bucket	48" - 59"	1170 - 1500 mm.
G. Discharge distance behind loader	14" - 24"	355 - 610 mm.
H. Cleanup range	75" - 83"	1905 - 2110 mm.
Cleanup range with side plow	99" - 107"	2515 - 2720 mm.
Range of track gauges	15" - 36"	380 - 915 mm.
Air consumption	250 cfm	7.08 cm ³ /m.
Air pressure range	60 - 125 psi	4.2 - 8.8 kg./sq. cm.
Air hose size	3/4" - 1"	20 - 25 mm.
Complete loading cycle average in seconds	6	6
Bucket capacity (SAE rating)	4 1/2 - 6 cu. ft.	0.13 - 0.17 cu. m.
Loading capacity, avg. volume of material per minute	20 - 35 cu. ft.	0.5 - 1.0 cu. m.
Motors (air) Eimco Model 200	2	2
Capacity of car loaded efficiently	12 - 50 cu. ft.	0.3 - 1.5 cu. m.
Weight (total), assembled	4,200 lbs.	1906 kg.
Weight of heaviest piece	760 lbs.	355 kg.

* Applies to 18" (455 mm) gauge track. Overall width for machines using other gauge on request.

The manufacturer reserves the right to change the specifications and/or design of this vehicle at any time without notice.