



MODEL 824

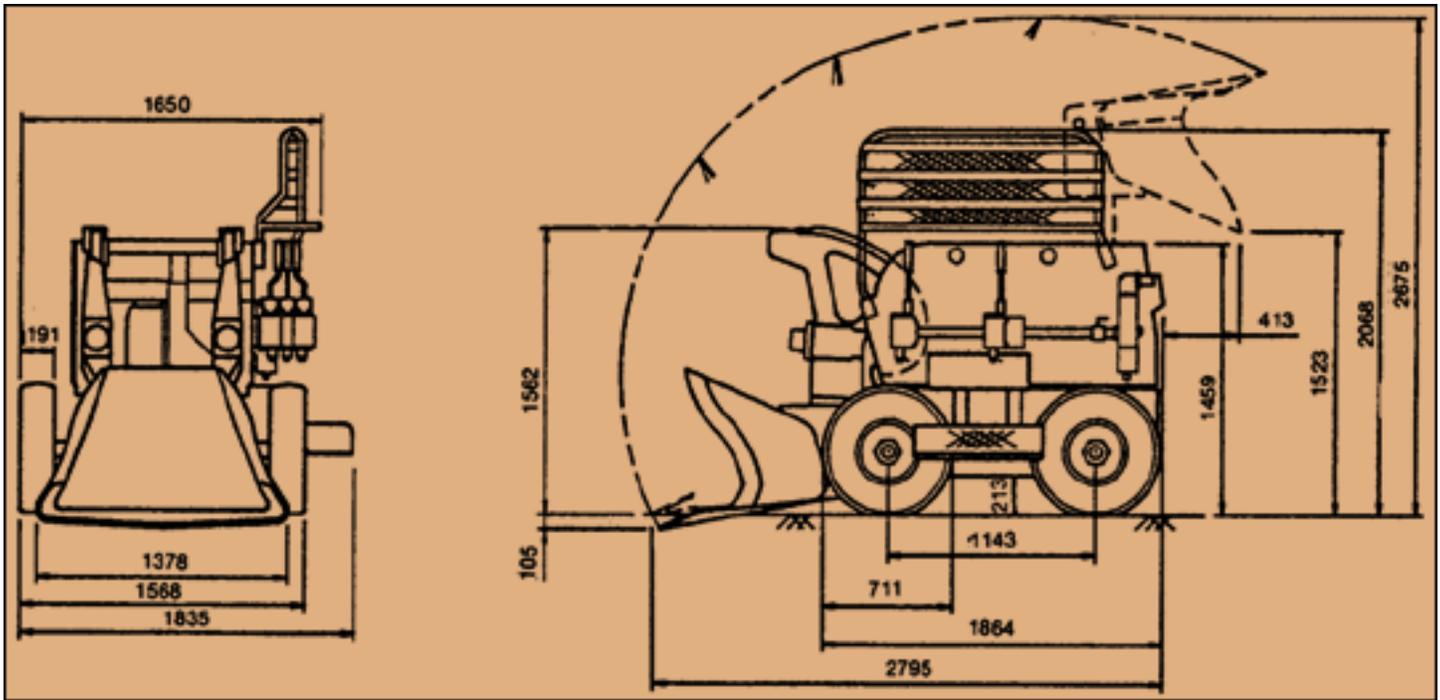
ROCKER SHOVEL LOADER



The Eimco Model 824 is a four-wheel-drive Rockershovel similar to the well-known Eimco crawler mounted Rockershovel. It is mounted on four extra rubber moulded tyres giving exceptional manoeuvrability, coupled with long life of the drive train components.

Three identical Eimco 20 h.p. five cylinder radial compressed air motors power the unit, one for the bucket operation and one for each pair of wheels at each side, giving differential steering and spin turns. All controls are by Eimco spool valves giving minimum pressure drop through the system. The traction and bucket levers are conveniently placed for ease of operation and are spring-loaded for automatic return to neutral. A power shut-off valve air filter and oil mist lubricator are incorporated on the machine. The rocker arms have fully enclosed built-in spring buffers to minimize loading shock. Involute rocker arm rail ends provide positive thrust support throughout the digging and crowing action of the bucket. The Eimco Model 824 is a rugged, reliable, fast easily manoeuvrable rock loader for use in mines, tunnels, slopes, draw points, etc. where mine cars, hoppers, conveyors, dumpers, etc, are to be loaded.

It is a high output loader with minimum maintenance costs.



TRACTION MOTORS

Two EIMCO Model 271, 5 cylinder radial compressed air motors each developing 20 b.h.p. at 90 p.s.i. (6.33 kg/cm²)

BUCKET MOTOR

One EIMCO Model 271, 5 cylinder radial compressed air motor developing 20 b.h.p. at 90 p.s.i. (6.33 kg/cm²)

AIR REQUIREMENTS

Air Pressure Range -60 to 100 p.s.i. (4.21 to 7.03 kg/cm²)

Recommended Air Pressure -90 p.s.i. (6.33 kg/cm²)

Recommended Air Hose Size 50 mm (2")

SPECIFICATIONS

Standard Machine

Breakout force at Bucket Lip	2368 kg	5220 lb
Weight	4360 kg	9780 lb
Bucket Capacity	0.425 m ³	15 cu.ft.
Travelling speed	6.10 k.p.h.	3.50 m.p.h.

OPTIONALS

1. Solid Rubber Steel Banded Tyres.
2. Higher Discharge/ Height to 1980 mm (6'6")
Please consult Eimco Elecon for this option.
This option is not recommended with pneumatic tyres.

We reserve the right to amend, without prior notice, the information and technical data given in this specification.

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