



EIMCO 12 & 21

ROCKERSHOVEL LOADERS

RAIL MOUNTED AIR POWERED
LOADERS FOR SMALL AND
MEDIUM SIZED HEADINGS

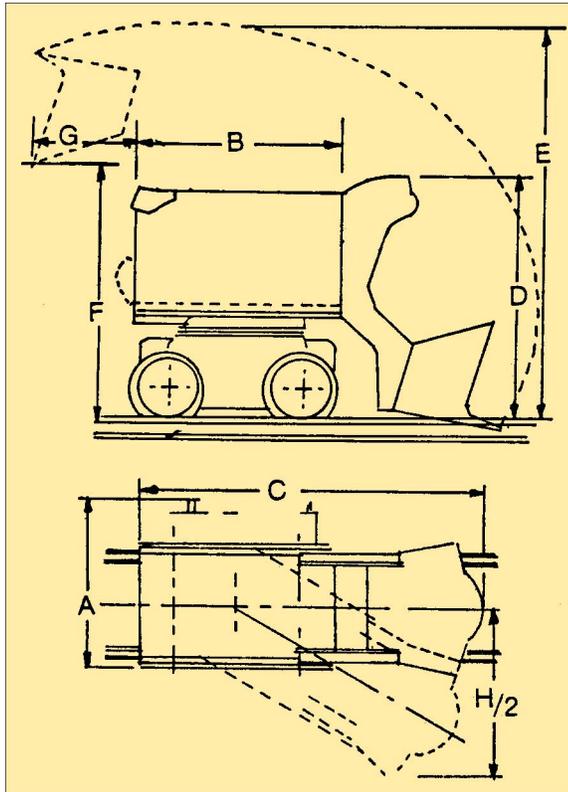


The **EIMCO 12 & 21 ROCKER SHOVEL LOADERS** are manufactured by EIMCO ELECON strictly in accordance with the original standards set by EIMCO, USA. Every part is engineered for heavy duty continuous rock loading. All main components are steel castings for extra strength and less maintenance. Selective heat treating gives long life without structural failures.

Features:

- Dependable Rock loading
- Simple, self centred controls for easy and safe operation
- Low centre of gravity
- Easy swinging of upper deck for side digging
- Wide tread wheels with deep flanges for extra stability
- Power swing, as an option, for virtual pinpoint control of bucket position.
- For operation in gradient steeper than 1 in 6, special slope loading attachments are available on Model 21.

SPECIFICATION



	Model 12	Model 21
A Overall width (Caging)*	735mm	851 mm
Overall operating width*	865 mm	1067 mm
B Overall length (Caging)	1120mm	1397 mm
C Overall length bucket down	1805-1980 mm	2210-2286 mm
D Overall height bucket down	1220-1295 mm	1422-1549 mm
E Headroom height (depend on cars to be loaded)	1995-2110 mm	2235-2515 mm
Headroom height (Special)	1730-1930 mm	—
F Discharge height of bucket	1170-1500 mm	1321-1727 mm
G Discharge distance behind loader	355-610 mm	457-711 mm
H Cleanup range	1905-2110 mm	2286-2489 mm
Cleanup range with side plough	2515-2720 mm	2896-3107 mm
Range of track gauge	380-915 mm	457-1219 mm
— Air pressure range	4.2-8.8 kg/cm ²	4.2-7.0 kg/cm ²
— Air hose size	20-25 mm	25-32 mm
— Complete loading cycle average in seconds	6	7
— Bucket capacity	.13-.17m ³	.21-.28 m ³
— Loading capacity, average volume of material per minute.	0.5-1.0 m ³ /min.	0.99-1.41 m ³ /min.
— Motors (air)	2	2
— Capacity of car loaded efficiently	0.3-1.5m ³	0.56-2.83 m ³
— Weight completely assembled	1905 Kg.	3266 Kg.
— Weight of heaviest piece	355 Kg.	558 Kg.
— Air Consumption	250 cfm	300 cfm

* Width varies according to track gauge. Actual width for specific track gauge on request.

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

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