

Easi-Miner



*MAY BE SHOWN WITH OPTIONAL EQUIPMENT

Model 1224

High mobility to assure easy travel on site.
The flexibility to mill materials of different hardness grades, and
produce a clean and level surface.

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The Easi-Miner is a continuous surface miner machine that incorporates its own design in a cutting head that rips and loads material onto a primary conveyor. Eliminating need for primary crushers and providing real time updates on the machine keeps your job site efficient.



Ground to Truck in Fewer Steps

Dual Conveyor System

Designed to handle high volume output, both the primary and discharge conveyors have a variable belt speed up to 820 feet per minute. This provides a loading capability of 1 ton every 2 seconds, keeping your operation moving at it's most productive pace. With a swing arc of 180 degrees (90 to each side), and a maximum ground discharge of 29 feet, loading fresh milled material straight into any truck or trailer is simple. Designed with high spiral shoulders to push the material to the drum center, and cutting teeth to properly size material, product can be loaded straight onto trucks eliminating a primary crusher, loading continuously or quickly depositing product into windrows.



Quad-track Crawler System

With the quad track crawler system the Easi-Miner can be ran adjacent to any high wall. Giving your team the ability to excavate within inches of the mine walls and within an inch of the thinnest seam bottoms. Equipped to handle a 10% grade, it can travel speeds up to 2.25 mph at a ground pressure of 22 psi.

Cutting Head

The cutting head can cover an area of up to 14 feet across and 24 inches deep in a single pass. Sizing and

production requirements are customized by choosing specific head patterns, pick type, drum diameter. The cutting teeth can be arranged to properly size the material to the needed size.



Ready for Transport without Any Additional Steps

In one handy machine it combines the dual conveyor system, quad track crawler and up-milling cutting head, doing away with the need for primary crushers, bulky loaders, sizable haul trucks and time-consuming permits. Eliminating the demand for the costly items, rippers and vertical drills, while succeeding in keeping costs down and reducing valuable time wasted processing materials.

Built To Last

Endurance/Longevity

By designing the cutting head to extract the material in a downward motion, it covers distance more effectively. Mined materials pass through the digging assembly and dual conveyor system a single



time before being immediately transferred to be transported or windrowed directly behind the machine, eliminating the extra stress to the frame and tracks.

Control System

The pressurized cab is placed to offer a clear view of all sides of the machine, along with a fully adjustable seat. The control system monitors over 30 critical machine functions, giving the operator a virtual overview and real time updates. These performance measures can also be stored for future analysis or viewed in real time at off-site locations. AC and DC lighting units are mounted on the cab for increased visibility, extending workable hours.



Product Specifications

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| Engine | CAT C32 1200 HP Tier IV Final |
| Gearbox | North American FA-360 |
| Dimensions | |
| Overall Machine Length | 92 ft 8 in (28.24 m) |
| Overall Machine Width | 17 ft in (4.98 m) |
| Operating Weight | approx. 385,000 lbs (174,633 kg) |
| Front Tracks (L x W x H) | 158 x 20 x 52 in (4013 x 508 x 1320 mm) |
| Rear Tracks (L x W x H) | 185 x 20 x 52 in (4699 x 508 x 1320 mm) |
| Main Conveyor Belt (L x W) | 27 ft x 72 in (8.23 m x 1.82 m) |
| Discharge Conveyor (L x W) | 50 ft x 72 in (15.24 m x 1.83 m) |
| Capabilities | |
| Production | 2500-2800 tons per hour (2268-2540 tonnes) |
| Cutting Width | 14 ft (4.27 m) |
| Cutting Depth | 0-24 in (0-610 mm) |
| Standard Rotational Speed of Cutting Head | 62 rpm |
| Belt speeds | 0-820 ft per minute (0-250 m per minute) |
| Discharge Conveyor Swing | 180° arc |
| Capacities | |
| Fuel Tank | 525 gallons (1987 liters) |
| Hydraulic Oil | 400 gallons (1514 liters) |



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Custom heads for exact sizing

Dual Conveyors keep up to high volume operations

Quad-Track Crawlers provide precise steering

Designed, engineered & proven for long-term use the Easi-Miner eliminates drilling, blasting and primary crushers.



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