



MT-2000

Half-lane Milling Machine



*Moving the
World Forward*

Introducing milling machines from your trusted partner in road equipment

The leader in paving and compaction equipment is proud to introduce its newest product line: asphalt milling machines. The new line of milling machines from Ingersoll Rand are designed with your productivity, safety, and serviceability in mind. With a worldwide distribution network, global engineering resources, and input from customers just like you, Ingersoll Rand is a partner you can trust in all phases of roadway construction and rehabilitation.



Innovation and technology for a new level of milling performance



(3) Distinct cutting speeds

Three available engine speeds allow you to match cutting productivity, as well as fuel consumption and sound level, to individual job requirements. The “Deep-cut Power Bulge” low speed selection is available for tough or deep cut efficiency while the high speed selection offers the highest productivity on shallow cuts. The standard cutting speed provides maximum horsepower and efficiency at normal cutting depths.



Circle steer capability

The MT-2000 is the first large milling machine to offer circle steer, with the ability to turn the machine within its own length. In addition to circle steer, the MT-2000 also offers front, rear, coordinated, and crab steering modes for the most maneuverability in its class.



Load control technology

Improve overall productivity with load control technology from Ingersoll Rand. This feature manages track speed to not exceed the parameters set for conveyor capacity and engine speed.



Advanced diagnostics & communication

The MT-2000 incorporates advanced technology for machine diagnostics and troubleshooting. Choose from one of eight different diagnostic screens for detailed information on machine performance. Messages are displayed in common language, rather than codes, to aide in understanding.



Walk-in service compartment

The innovative walk-in service compartment allows for easy access to the engine, hydraulic components, fan, and coolers. In addition to the benefit of working in a protected environment, reduced diagnostic and maintenance times will add value to your bottom line.

Designed for your productivity and safety

A Microprocessor-controlled engine

The Tier III compliant, Cummins diesel engine provides 600 hp at 1,800 rpm to meet your strict productivity requirements.

B Versatile ground controls

Ground control stations are located at each corner of the machine for ground person convenience. Plug optional grade control sensors and grade control panels into any of six ground locations for versatility in grade control operations.

C Support legs and tracks

The four track configuration features robust support legs with over-center valves for greater control and smooth operation. Tapered roller bearings in the track rollers reduce track overheating for longer life.

D Dual operator stations

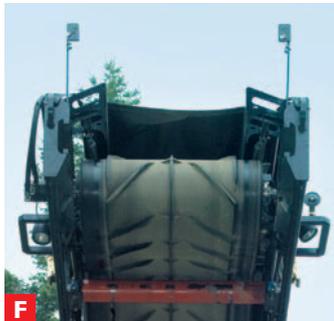
The identical stations feature a four-way sliding seat and console that can extend laterally beyond the machine frame for improved visibility. Adjustable control panels and a vibration-isolating deck mat add to operator comfort on long workdays. A folding right-side platform and stairway allow for access from both sides of the machine, yet swing forward for flush storage.

E Robust cutter drum

Ingersoll Rand continues its industry leadership in drum manufacturing by rolling the milling drum core. Configure the finished drum to meet your individual needs:

- 79 3/4" and 86" widths
- Quick-change or weld-on holders
- Fine or standard spacing patterns





F High production conveyors

The 36" gathering and discharge conveyors are designed with a theoretical capacity of 1330 cubic yards per hour to meet and exceed your production requirements.

Features include:

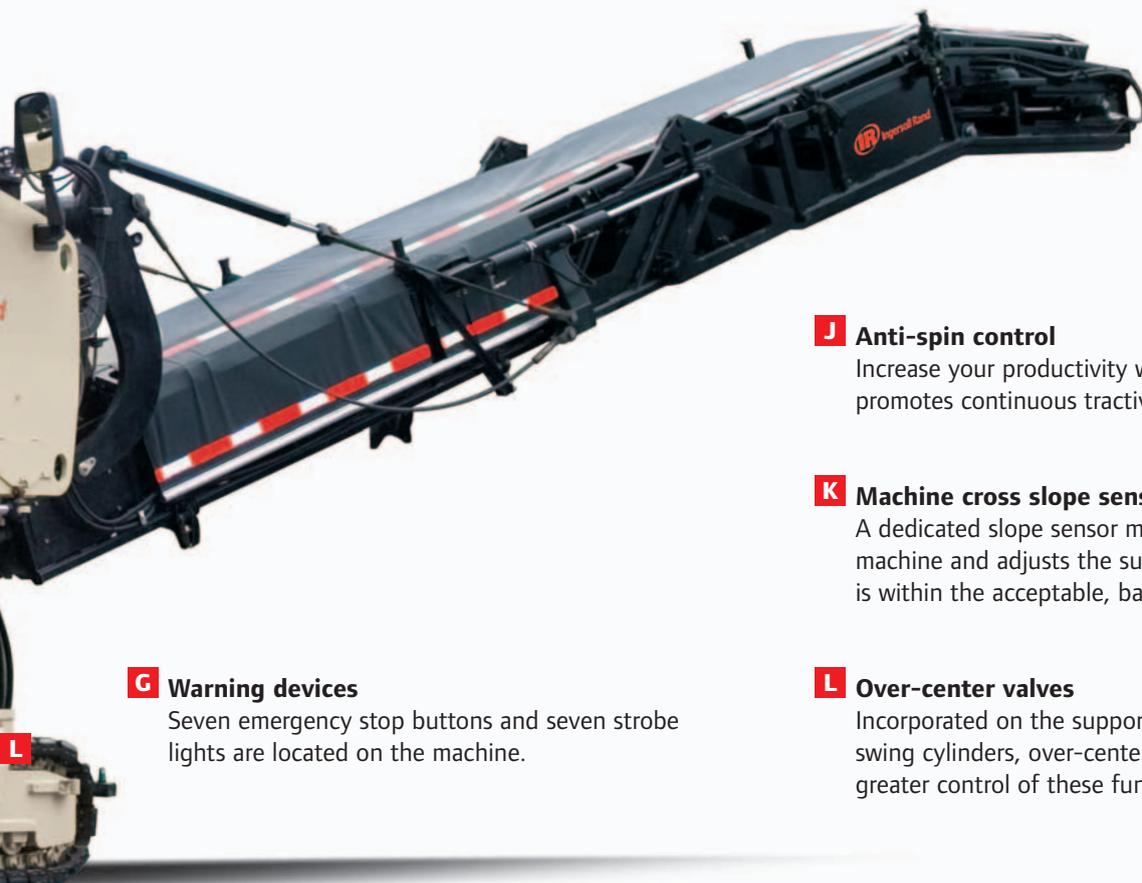
- Independently controlled with variable speed
- Reversible direction
- Hydraulically tensioned belts
- Conveyor cover and under-side material guards
- Spray bars for dust suppression
- Hydraulically-raised gathering conveyor
- Optional hydraulically-folding conveyor available

H Variable water spray system

Easily accessible spray bars are located in each conveyor for dust suppression, and in the drum for cutter teeth cleaning and cooling. Each is independently adjustable to ensure proper flow.

I Adjustable work lights

Fourteen adjustable halogen work lights provide optimal visibility during nighttime milling applications.



G Warning devices

Seven emergency stop buttons and seven strobe lights are located on the machine.

J Anti-spin control

Increase your productivity with anti-spin control that promotes continuous tractive effort.

K Machine cross slope sensor

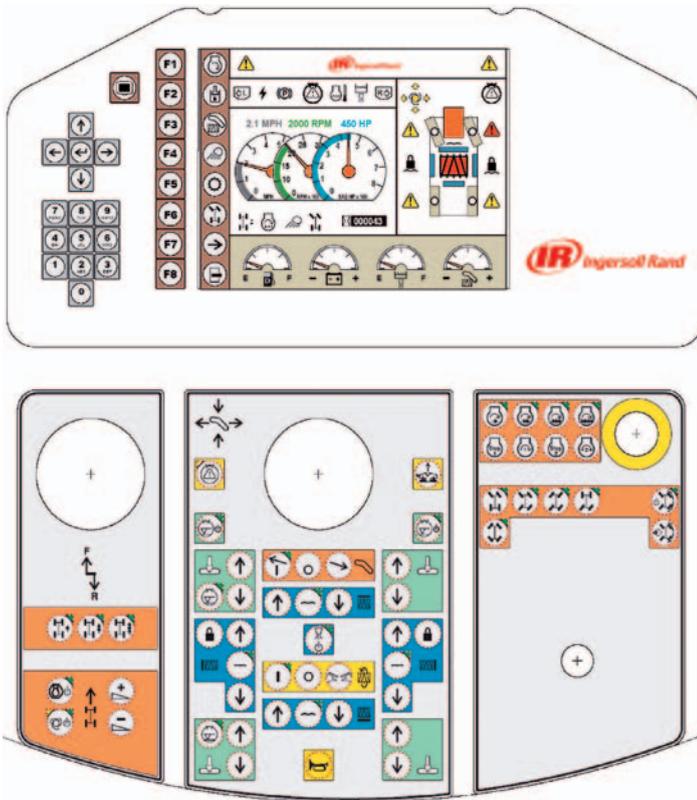
A dedicated slope sensor monitors the cross slope of the machine and adjusts the support legs until the machine is within the acceptable, balanced range.

L Over-center valves

Incorporated on the support legs, conveyor lift, and swing cylinders, over-center valves give the operator greater control of these functions.

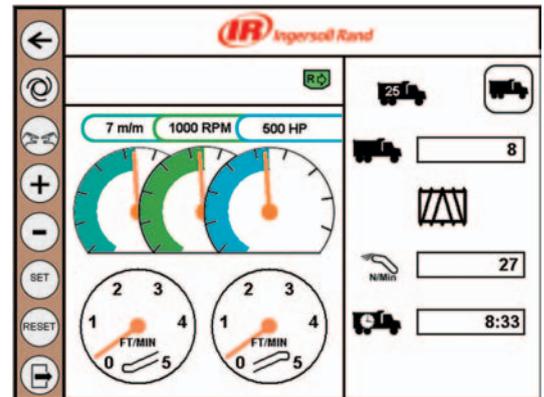
Operation and diagnostics at your fingertips

The MT-2000 incorporates advanced technology for machine diagnostics with intuitive operator panels that are easy to understand and operate. Each control panel includes a brightly illuminated display panel that allows the operator to view the master control screen or one of the various diagnostic screens.



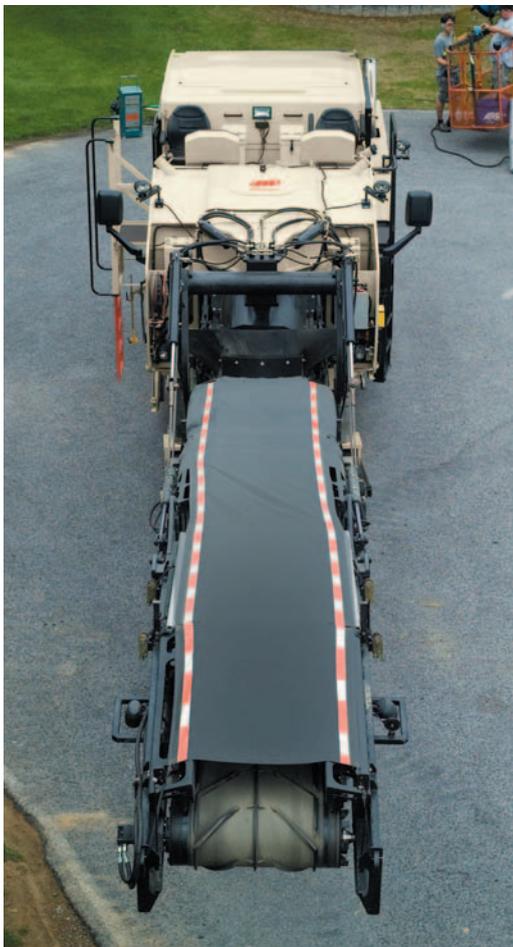
- An intuitive switch layout and easily understood international labels promote safety and ease of operation.
- The primary function screen displays a summary of basic machine performance and operation settings. The machine overview conveniently displays real-time track positioning.
- A one-touch raise switch turns off the drum, conveyors, and water system, then raises the legs simultaneously to prepare for transport out of the cut.

- Choose from 1 of 8 additional diagnostic panels for detailed information on:
 - Engine & hydraulic performance
 - Propel, drum, and conveyor information
 - Automation and lighting
- A unique truck loading screen monitors and records daily milling progress.
- Performance messages and diagnostic information are displayed in common language, rather than codes, to aide in troubleshooting.
- LED indicators show power to the valve for ease of switch troubleshooting.
- Backlit membrane switches provide excellent illumination for nighttime milling applications.



A machine designed with you in mind

Not only did we put all of our global engineering resources into this milling machine, but we also sought out input from our customers to better understand the challenges you face on a daily basis. You're out there everyday and we understand productivity and reliability determine the success of your business.



With the introduction of our milling products, Ingersoll Rand can now serve you at all stages of the road building process. Ingersoll Rand has a 75 year history in the paving industry with our Blaw Knox paving line, a legacy that has produced many industry standards and remains the choice of professionals. Together with our compaction lines, you can achieve maximum productivity in all phases of the road construction and rehabilitation process.





Experience the power of Ingersoll Rand construction and road building equipment, industry-leading support, and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earthmoving equipment, material handlers, and concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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