

**PM822 COLD PLANER**  
**MINERBIO, ITALY**

 Ship Weight  
 lbs

 LIST PRICE  
 AT DEALER

**Standard Equipment:**
**POWERTRAIN**

CAT C18 diesel, 6-cylinder, twin  
 turbocharged, aftercooled 755 HP  
 (563 kW)  
 Power and torque curve optimized for  
 fuel efficiency  
 Engine diagnostic connector (for  
 CAT ET)  
 Air cleaner, dry type dual element with  
 integral precleaner  
 Belt, automatic tensioner  
 Fuel filter/water separator  
 Hydrostatic transmission  
 Computerized load control  
 Four tracks each with polyurethane  
 track pads  
 Dual pump propel system  
 with opposite track traction control  
 Alignment controlled steering system  
 with four steering mode  
 -front, rear and crab steer  
 -coordinated steer  
 Alignment is optimized for selected  
 mode  
 Auto tensioning track

**ELECTRICAL**

Backup alarm  
 Alternator, 100-amp  
 Batteries, two maintenance free,  
 1400 CCA each  
 Horn, forward warning  
 Ground located horn, operator warning  
 Electrical system, 24-volt  
 Work lights (4 fixed, 10 pole mount)  
 Machine diagnostic connector  
 (for CAT ET)  
 Self diagnostic system  
 Product Link equipped

**OPERATOR ENVIRONMENT**

Dual operator positions, on the left  
 and right of the operators platform  
 Operator platform with visibility to  
 both crawlers of the machine  
 Machine monitoring system  
 Lockable vandalism guards for all  
 control panels  
 Platform handrails/guardrails  
 Control and propel console with  
 LED backlit panels and joystick propel  
 and steering  
 Electronic machine management system  
 Digital graphic display for diagnostics  
 and operating instructions

LED wake-up model with floor light  
 Integrated grade control  
 Silver-class touch screen display  
 Ramp-in, ramp-out function  
 Digital moldboard control  
 3 rotor speed selectable on control  
 panels  
 Two level warning system with action  
 light and horn (warning, critical  
 warning)  
 Quick detach fuse/relay/controller  
 Automatic throttle control  
 Camera ready display

**APPLICATION SPECIFIC COMPONENTS**

**ROTOR AND CHAMBER SYSTEM**  
 Caterpillar patented tool holder with  
 easy extraction feature  
 External floating side plates  
 Dry clutch, belt transmission and  
 automatic tensioner  
 Dedicated water spray for tool cooling  
 and dust control  
 Curb clearance right side plate  
 Moldboard with floating, locked or  
 service height levels and adjustable  
 down pressure  
 Hydraulic raiseable and floating anti-  
 slab  
**CONVEYORS**  
 Front loading  
 850 mm (33.5") belt width collecting  
 conveyor  
 850 mm (33.5") belt width discharge  
 conveyor  
 Dual stage, infinitely variable speed,  
 with independent reversing  
 60-degree swing either side of center  
 for discharging conveyor  
 Conveyor boost function

**FLUIDS**

Extended life coolant with protection  
 to -34C (-29F)

**OTHER STANDARD EQUIPMENT**

Doors, service access, hinged, locking  
 Fuel tank 1200 L (317 gal)  
 Pressure test ports with quick connect  
 Water tank 3400 L (898 gal)  
 Sound suppression insulation kit  
 Sight gauges (water, hydraulic oil,  
 filter restriction)  
 Mirrors  
 Rear water fill

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**OTHER STANDARD EQUIPMENT (CONT.)**

12-volt ports at operator station  
Air system  
Pressure test ports with quick connect  
S.O.S. sampling ports  
Auxiliary electro-hydraulic power  
package for operational and emergency  
functions  
Operational functions:  
-electro-hydraulic powered canopy and  
engine hood lift  
Emergency functions:  
-spring applied brakes releasing  
-auxiliary services  
Air filter restriction electric  
indicator  
Compressed air lubricator and pressure  
regulator unit  
On board winterization system

|                                      |                    |                         |
|--------------------------------------|--------------------|-------------------------|
| PM822 COLD PLANER<br>MINERBIO, ITALY | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|--------------------------------------|--------------------|-------------------------|

Lane 2 is reserved for the Base Order Management Program.  
Please use Lane 2 when placing orders that are part of the  
Base Orders Management Program.

| PM822 COLD PLANER<br>MINERBIO, ITALY | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|--------------------------------------|--------------------|-------------------------|
|--------------------------------------|--------------------|-------------------------|

|         |                                 |    |
|---------|---------------------------------|----|
| 0G-0713 | PM822 MISC MATL ..... 0         | NC |
|         | AVAILABLE FROM MINERBIO FACTORY |    |

Only reference numbers that have the text  
"ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a MISC order

| USE                      | REF NO.  | MANDATORY ATTACHMENTS                                                                                                                                                                                                                                                                                                           | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|--------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|
| ELECTRICAL               |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| LIGHTING                 |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| L                        | 374-1436 | LIGHTS, HALOGEN . . . . .                                                                                                                                                                                                                                                                                                       | 0                  | \$2,365                 |
|                          |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes 14 halogen lights: 1 light facing each of the<br>4 tracks, 2 lights facing the rear of the cutter box,<br>2 lights mounted on the top front end of the discharge<br>conveyor, 2 lights on the top rear face of the machine<br>and 4 lights on the rear face of the machine. | 0                  | \$2,365 NI              |
| L                        | 477-9167 | LIGHTS, LED . . . . .                                                                                                                                                                                                                                                                                                           | 0                  | \$7,800                 |
|                          |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes 14 LED lights: 1 light facing each of the<br>4 tracks, 2 lights facing the rear of the cutter box,<br>2 lights mounted on the top front end of the discharge<br>conveyor, 2 lights on the top rear face of the machine<br>and 4 lights on the rear face of the machine.     | 0                  | \$7,800 NI              |
| OPERATOR ENVIRONMENT     |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| OPERATOR STATION         |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| L                        | 374-1443 | CANOPY, FOLDING, HYDRAULIC . . . . .                                                                                                                                                                                                                                                                                            | 0                  | \$10,290                |
|                          |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Hydraulically folding canopy with extendible side wings                                                                                                                                                                                                                              | 0                  | \$10,290 NI             |
| GRADE AND SLOPE          |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| L                        | 380-3870 | CONTROL, CAT G&S SYSTEM . . . . .                                                                                                                                                                                                                                                                                               | 0                  | \$7,580                 |
|                          |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Measures grade from the position of side plates, using<br>position sensing cylinders. Provides information to machine<br>displays for operation of grade control.                                                                                                                    |                    |                         |
| GRADE AND SLOPE CONTROLS |          |                                                                                                                                                                                                                                                                                                                                 |                    |                         |
| P                        | 380-3868 | INBOARD SKI . . . . .                                                                                                                                                                                                                                                                                                           | 0                  | \$3,050                 |
|                          |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Inboard ski bracket assembly for both left and right side of<br>machine, reading position from position sensing cylinder.<br>Includes bracket, ski and sensor.                                                                                                                       | 0                  | \$3,050 NI              |

| USE | REF<br>NO. | MANDATORY ATTACHMENTS | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|-----|------------|-----------------------|--------------------|-------------------------|
|-----|------------|-----------------------|--------------------|-------------------------|

**OTHER ATTACHMENTS****ADDITIONAL WATER SPRAYING SYSTEM**

|   |          |                                          |   |            |
|---|----------|------------------------------------------|---|------------|
| P | 376-4112 | DUST REDUCTION ADD. (2.2M/88") . . . . . | 0 | \$2,520    |
|   |          |                                          | 0 | \$2,520 NI |

ALSO AVAILABLE ON A MISCELLANEOUS ORDER

Additional water spraying system for dust reduction, including additional spraying bars located inside the rotor housing and the conveyors.

NOTE: Local regulations or job specifications may require use of a ventilation system and/or additional dust reduction options. Please check your local requirements and job specs for conformance.

**STEERING GUIDE**

|   |          |                                       |   |          |
|---|----------|---------------------------------------|---|----------|
| P | 397-8284 | GUIDE, TELESCOPING STEERING . . . . . | 0 | NC       |
|   |          |                                       | 0 | \$650 NI |

ALSO AVAILABLE ON A MISCELLANEOUS ORDER

Provides two telescoping steering guides with multi point adjustment for advanced steering marker placement.

|   |          |                                    |   |          |
|---|----------|------------------------------------|---|----------|
| P | 501-0412 | GUIDE, STANDARD STEERING . . . . . | 0 | NC       |
|   |          |                                    | 0 | \$600 NI |

ALSO AVAILABLE ON A MISCELLANEOUS ORDER

Provides two standard steering guides with lateral adjustment of pendulum markers.

| USE               | REF<br>NO. | LANE 2 / 3 OPTIONAL                                                                                                                                                                                                          | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER         |
|-------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------|
| <b>ELECTRICAL</b> |            |                                                                                                                                                                                                                              |                    |                                 |
| P                 | 363-7444   | <b>LIGHT, HAZARD, CANOPY</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes two LED amber strobe lights, magnetically mounted.                                                                               |                    | <b>\$344 NI</b>                 |
| P                 | 394-0410   | <b>LIGHT, HAZARD</b> ..... 0<br>0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes two LED amber strobe lights mounted to the conveyor<br>and rear of the machine.                                                     |                    | <b>\$715</b><br><b>\$715 NI</b> |
| P                 | 374-1437   | <b>LAMP, LED (FIXED)</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Provides a single, high intensity LED Lamp with integrated<br>bracket for fixed mounting. To serve as a replacement<br>lamp or reserve stock. |                    | <b>\$505 NI</b>                 |
| P                 | 398-7378   | <b>LAMP, LED (POLE MOUNT)</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Provides a single LED Lamp with integrated bracket for<br>pole mounting. To serve as a replacement lamp or reserve<br>stock.             |                    | <b>\$660 NI</b>                 |
| P                 | 394-9642   | <b>LAMP, HALOGEN (MAGNETIC)</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Provides a single halogen lamp with magnetic mounting.                                                                                 |                    | <b>\$316 NI</b>                 |
| P                 | 376-4129   | <b>LIGHT, TRUCK SIGNAL</b> ..... 0<br>0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Red / Green light to communicate with truck driver                                                                                     |                    | <b>\$555</b><br><b>\$555 NI</b> |

**OPERATOR ENVIRONMENT**

|   |          |                                                                                                                                                                                                                                                                                                                                         |  |                                     |
|---|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|
| P | 374-1445 | <b>UMBRELLA</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes two umbrellas to provide operator or ground crew<br>protection from sun and rain. Single umbrella measures<br>1372 mm (54"x54") and is collapsible.<br>Includes support shaft and mounting hardware to be installed<br>on machine at customer direction. |  | <b>\$700 NI</b>                     |
| P | 532-7658 | <b>WINDSCREEN</b> ..... 0<br>0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Collapsible windscreens mount to and move with the canopy.<br>Rear windscreen can fold up into canopy cavity when not in use.<br>ONLY FOR USE WITH: 374-1443 CANOPY, FOLDING, HYDRAULIC<br>Lane 3                                                          |  | <b>\$7,080</b><br><b>\$5,280 NI</b> |

| USE | REF<br>NO. | LANE 2 / 3 OPTIONAL | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|-----|------------|---------------------|--------------------|-------------------------|
|-----|------------|---------------------|--------------------|-------------------------|

**OTHER ATTACHMENTS****GRADE AND SLOPE CONTROLS**

|   |          |                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                    |
|---|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|
| P | 376-4136 | <b>SENSOR, SONIC, AVERAGING</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Sonic averaging ski for mounting on the LH or RH side,<br>consisting of two sonic sensors (in addition to the machine<br>grade control base system or the optional inboard consisting<br>of two sonic sensors (in addition to the base system) with<br>adjustable mounting arms<br>ONLY FOR USE WITH: 380-3870 CONTROL, CAT G&S SYSTEM |  | <b>\$10,230 NI</b> |
| P | 416-2036 | <b>SENSOR, SONIC, FOR STRING LINE</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Include bracket, (1) ultrasonic sensor and cables for<br>mounting at the center of the machine<br>ONLY FOR USE WITH: 380-3870 CONTROL, CAT G&S SYSTEM                                                                                                                                                                            |  | <b>\$4,110 NI</b>  |
| P | 387-9468 | <b>DISPLAY, OPTIONAL</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Additional display (1) with mounting bracket for<br>ground/operator station<br>Order qty 3 maximum                                                                                                                                                                                                                                            |  | <b>\$2,850 NI</b>  |

**VISIBILITY ENHANCEMENTS**

|   |          |                                                                                                                                                                                                                                                                                                                            |   |                                     |
|---|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------|
| L | 387-9552 | <b>REAR CAMERA</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>This camera system is used to enhance the operator's rear<br>visibility while operating. The LCD color display is designed<br>to have a sharp, clear picture with camera mounted on the<br>top rear end of the machine<br>REQUIRED BY: EU DEALERS | 0 | <b>\$895</b><br><b>\$895 NI</b>     |
| L | 387-9467 | <b>CONVEYOR CAMERA</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>This camera system is used to enhance the operator's forward<br>visibility while operating. The LCD color display is designed<br>to have a sharp, clear picture with camera mounted on the<br>top front end of the discharge conveyor         | 0 | <b>\$1,100</b><br><b>\$1,100 NI</b> |
| P | 376-4123 | <b>CAMERA, AUX</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Camera with cable and magnetic mount. Can be placed anywhere<br>within cable length.                                                                                                                                                              | 0 | <b>\$750 NI</b>                     |

**ROTOR SERVICING TOOLS**

|   |          |                                                                                                                                                                                           |   |                                     |
|---|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------|
| P | 376-4134 | <b>PNEUMATIC BIT REMOVAL TOOL</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes pneumatic hammer, punch tools, coil hose and fittings.                                   |   | <b>\$630 NI</b>                     |
| P | 523-7587 | <b>ROTOR TURNING DEVICE</b> ..... 0<br>ALSO AVAILABLE ON A MISCELLANEOUS ORDER<br>Includes control device and electrical motor for powered<br>rotational assist when servicing the rotor. | 0 | <b>\$3,050</b><br><b>\$3,050 NI</b> |



| USE | REF<br>NO. | LANE 2 / 3 OPTIONAL | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
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**OTHER ATTACHMENTS (CONT.)****ROTOR SERVICING TOOLS (Cont.)**

|   |          |                                                                    |  |          |
|---|----------|--------------------------------------------------------------------|--|----------|
| P | 577-4176 | EXTRACTOR, TOOL HOLDER . . . . . 0                                 |  | \$278 NI |
|   |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER                            |  |          |
|   |          | Hand tool for extracting K System cutter bit tool holders which    |  |          |
|   |          | have broken at the shank inside the weld on block. Tool is engaged |  |          |
|   |          | to broken shank via a threaded pulling bolt.                       |  |          |

**MISC ATTACHMENTS**

|   |          |                                                       |   |            |
|---|----------|-------------------------------------------------------|---|------------|
| P | 376-4130 | CUTTING BIT TRAY . . . . . 0                          |   | \$434      |
|   |          |                                                       | 0 | \$434 NI   |
|   |          | Two trays between rear crawlers for bit storage       |   |            |
| P | 376-4126 | PUMP, FUEL TRANSFER . . . . . 0                       |   | \$1,645    |
|   |          |                                                       | 0 | \$1,645 NI |
|   |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER               |   |            |
|   |          | Allows for transfer of fuel from non-pump container   |   |            |
| P | 376-4132 | LOW PRESSURE WASH DOWN . . . . . 0                    |   | \$1,465    |
|   |          |                                                       | 0 | \$1,465 NI |
|   |          | ALSO AVAILABLE ON A MISCELLANEOUS ORDER               |   |            |
|   |          | Low pressure washdown system, including (1) wand with |   |            |
|   |          | 1 m (50 ft) of hose on reel                           |   |            |

**FIELD INSTALLED ATTACHMENTS**

The following field attachments can be ordered  
through Machine Order as a miscellaneous order.

|   |          |                                                                      |  |             |
|---|----------|----------------------------------------------------------------------|--|-------------|
| C | 517-1709 | ROTOR, K STD - 15 MM, FLD . . . . . 0                                |  | \$43,230 NI |
|   |          | CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY      |  |             |
|   |          | AVAILABLE FROM MINERBIO FACTORY AND BALTIMORE PDC                    |  |             |
|   |          | Latest Design tool holder system with 2235 mm (88") cut width.       |  |             |
|   |          | Allows for quick change of tool holder without the need for welding, |  |             |
|   |          | replaceable bolt on kicker paddles, tooth spacing 15 mm.             |  |             |
|   |          | Includes: 185 Bits                                                   |  |             |
| C | 567-0904 | ROTOR, K FINE - 8 MM, FLD . . . . . 0                                |  | \$62,690 NI |
|   |          | CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY      |  |             |
|   |          | AVAILABLE FROM MINERBIO FACTORY AND BALTIMORE PDC                    |  |             |
|   |          | Latest design tool holder system with 2235 mm (88") cut width.       |  |             |
|   |          | Allows for quick change of tool holder without the need for          |  |             |
|   |          | welding, replaceable bolt on kicker paddles, tooth spacing 8 mm.     |  |             |
|   |          | Includes: 304 bits                                                   |  |             |
| C | 558-6381 | ROTOR, K COARSE - 18 MM, FLD . . . . . 0                             |  | \$41,070 NI |
|   |          | CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY      |  |             |
|   |          | Latest design tool holder system with 2235 mm (88") cut width.       |  |             |
|   |          | Allows for quick change of tool holder without the need for          |  |             |
|   |          | welding, replaceable bolt on kicker paddles, tooth spacing 18 mm.    |  |             |
|   |          | Includes: 162 bits                                                   |  |             |

| USE | REF<br>NO. | LANE 2 / 3 OPTIONAL | Ship Weight<br>lbs | LIST PRICE<br>AT DEALER |
|-----|------------|---------------------|--------------------|-------------------------|
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**FIELD INSTALLED ATTACHMENTS (CONT.)**

|   |          |                                                                                                                                                                                                                                                                                                                                                                                            |  |              |
|---|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|
| C | 582-8826 | <b>ROTOR, K COARSE - 25 MM, FLD</b> ..... 0<br>CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY<br>Latest Design tool holder system with 2010 mm (79.1") cut width.<br>Allows for quick change of tool holder without the need for<br>welding, replaceable bolt on kicker paddles, tooth spacing 25 mm.<br>Includes: 131 Bits                                               |  | \$38,180 NI  |
| C | 575-7467 | <b>ROTOR, K MICRO - 6MM, FLD</b> ..... 0<br>CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY<br>Latest design tool holder system for Micro Milling with 2235 mm<br>(88") cut width. Allows for quick change of tool holder without<br>the need for welding, replaceable bolt on kicker paddles, and<br>tooth spacing of 6 mm to provide micro finish.<br>Includes: 386 Bits |  | \$77,810 NI  |
| C | 511-5050 | <b>ROTOR, H MICRO - 6X2 MM, FLD</b> ..... 0<br>CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY<br>Weld on tool holders for micro milling with 2235 mm (88") cut width.<br>Advanced design of weld on bit blocks to allow micro finish with a<br>tooth spacing 6X2 mm.<br>Includes: 748 Bits                                                                                |  | \$111,170 NI |

**PACKING**

|         |                              |         |  |    |
|---------|------------------------------|---------|--|----|
| OG-0068 | PACK, MISCELLANEOUS MATERIAL | ..... 0 |  | NC |
|---------|------------------------------|---------|--|----|