

**PM825 COLD PLANER  
MINERBIO, ITALY**Ship Weight  
lbsLIST 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

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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.

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0G-0714	PM825 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 lbs	LIST PRICE AT DEALER
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**HYDRAULICS*****HIGH PRESSURE WASHDOWN***

L	374-6811	PUMP, WASHING, HIGH PRESSURE . . . . .	0	\$5,420
			0	\$5,420 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER High pressure washdown water pump, including (1) wand with 15 m (50 ft) of hose on reel.		

**ELECTRICAL*****LIGHTING***

L	374-1436	LIGHTS, HALOGEN . . . . .	0	\$2,365
			0	\$2,365 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 14 halogen lights: 1 light facing each of the 4 tracks, 2 lights facing the rear of the cutter box, 2 lights mounted on the top front end of the discharge conveyor, 2 lights on the top rear face of the machine and 4 lights on the rear face of the machine.		
L	477-9167	LIGHTS, LED . . . . .	0	\$7,800
			0	\$7,800 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 14 LED lights: 1 light facing each of the 4 tracks, 2 lights facing the rear of the cutter box, 2 lights mounted on the top front end of the discharge conveyor, 2 lights on the top rear face of the machine and 4 lights on the rear face of the machine.		

**OPERATOR ENVIRONMENT*****OPERATOR STATION***

L	374-1443	CANOPY, FOLDING, HYDRAULIC . . . . .	0	\$10,290
			0	\$10,290 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hydraulically folding canopy with extendible side wings		

***GRADE AND SLOPE***

L	380-3870	CONTROL, CAT G&S SYSTEM . . . . .	0	\$7,580
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Measures grade from the position of side plates, using position sensing cylinders. Provides information to machine displays for operation of grade control.		

***GRADE AND SLOPE CONTROLS***

P	380-3868	INBOARD SKI . . . . .	0	\$3,050
			0	\$3,050 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Inboard ski bracket assembly for both left and right side of machine, reading position from position sensing cylinder. Includes bracket, ski and sensor.		

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

L	518-0989	DUST REDUCTION ADD. (2.5M/98") . . . . .	0	\$2,575
			0	\$2,575 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.

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

**OPERATOR ENVIRONMENT**

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

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

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

**VISIBILITY ENHANCEMENTS**

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

**ROTOR SERVICING TOOLS**

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



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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	517-0842	ROTOR, K STD - 15 MM, FLD . . . . . 0		\$46,680 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		Latest Design tool holder system with 2505 mm (98.6") cut width.		
		Allows for quick change of tool holder without the need for welding,		
		replaceable bolt on kicker paddles, tooth spacing 15mm.		
		Includes: 203 Bits		
C	567-0907	ROTOR, K FINE - 8 MM, FLD . . . . . 0		\$67,690 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		AVAILABLE FROM MINERBIO FACTORY AND BALTIMORE PDC		
		Latest Design tool holder system with 2505 mm (98.6") cut width.		
		Allows for quick change of tool holder without the need for welding,		
		replaceable bolt on kicker paddles, tooth spacing 8 mm.		
		Includes: 338 Bits		
C	567-2017	ROTOR, K COARSE - 18 MM, FLD . . . . . 0		\$44,350 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		Latest Design tool holder system with 2505 mm (98.6") cut width.		
		Allows for quick change of tool holder without the need for welding,		
		replaceable bolt on kicker paddles, tooth spacing 18 mm.		
		Includes: 177 Bits		

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**FIELD INSTALLED ATTACHMENTS (CONT.)**

<b>C</b>	<b>582-8830</b>	<b>ROTOR, K COARSE - 25 MM, FLD</b> . . . . . 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Latest Design tool holder system with 2505 mm (98.6") cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 18 mm. Includes: 177 Bits ONLY FOR USE WITH: LANE 3		<b>\$41,230 NI</b>
<b>C</b>	<b>575-7471</b>	<b>ROTOR, K MICRO - 6MM, FLD</b> . . . . . 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Latest design tool holder system for Micro Milling with 2505 mm (98.6") cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, and tooth spacing of 6 mm to provide micro finish. Includes: 431 Bits		<b>\$84,020 NI</b>

**PACKING**

<b>0G-0068</b>	<b>PACK, MISCELLANEOUS MATERIAL</b> . . . . . 0	<b>NC</b>
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