

**PM820 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

PM820 COLD PLANER
MINERBIO, ITALY

Ship Weight
lbs

LIST PRICE
AT DEALER

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

PM820 COLD PLANER MINERBIO, ITALY	Ship Weight lbs	LIST PRICE 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.

PM820 COLD PLANER MINERBIO, ITALY	Ship Weight lbs	LIST PRICE AT DEALER
--------------------------------------	--------------------	-------------------------

0G-0712	PM820 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
-----	------------	-----------------------	--------------------	-------------------------

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.		

USE	REF NO.	MANDATORY ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
-----	------------	-----------------------	--------------------	-------------------------

OTHER ATTACHMENTS**ADDITIONAL WATER SPRAYING SYSTEM**

L	376-4133	DUST REDUCTION ADDIT. (2M/79")	0	\$2,475
			0	\$2,475 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 NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ELECTRICAL				
P	363-7444	LIGHT, HAZARD, CANOPY 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights, magnetically mounted.		\$344 NI
P	394-0410	LIGHT, HAZARD 0 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights mounted to the conveyor and rear of the machine.		\$715 \$715 NI
P	374-1437	LAMP, LED (FIXED) 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.		\$505 NI
P	398-7378	LAMP, LED (POLE MOUNT) 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.		\$660 NI
P	394-9642	LAMP, HALOGEN (MAGNETIC) 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a single halogen lamp with magnetic mounting.		\$316 NI
P	376-4129	LIGHT, TRUCK SIGNAL 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Red / Green light to communicate with truck driver		\$555 NI

OPERATOR ENVIRONMENT

P	374-1445	UMBRELLA 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.		\$700 NI
P	532-7658	WINDSCREEN 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		\$7,080 \$5,280 NI

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

OTHER ATTACHMENTS**GRADE AND SLOPE CONTROLS**

P	376-4136	SENSOR, SONIC, AVERAGING 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		\$10,230 NI
P	416-2036	SENSOR, SONIC, FOR STRING LINE 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		\$4,110 NI
P	387-9468	DISPLAY, OPTIONAL 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional display (1) with mounting bracket for ground/operator station Order qty 3 maximum		\$2,850 NI

VISIBILITY ENHANCEMENTS

L	387-9552	REAR CAMERA 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	\$895 \$895 NI
L	387-9467	CONVEYOR CAMERA 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	\$1,100 \$1,100 NI
P	376-4123	CAMERA, AUX 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Camera with cable and magnetic mount. Can be placed anywhere within cable length.		\$750 NI

ROTOR SERVICING TOOLS

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

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

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
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER		
		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	497-9842	ROTOR, K STD - 15 MM, FLD 0		\$40,490 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		AVAILABLE FROM MINERBIO FACTORY AND BALTIMORE PDC		
		Latest Design tool holder system with 2010 mm (79.1") cut width.		
		Allows for quick change of tool holder without the need for welding,		
		replaceable bolt on kicker paddles, tooth spacing 15 mm.		
		Includes: 170 Bits		
C	567-0932	ROTOR, K FINE - 8 MM, FLD 0		\$58,710 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		AVAILABLE FROM MINERBIO FACTORY AND BALTIMORE PDC		
		Latest design tool holder system with 2010 mm (79.1") cut width.		
		Allows for quick change of tool holder without the need for		
		welding, replaceable bolt on kicker paddles, tooth spacing 8 mm.		
		Includes: 276 bits		
C	559-1545	ROTOR, K COARSE - 18 MM, FLD 0		\$38,470 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		Latest design tool holder system with 2010 mm (79.1") cut width.		
		Allows for quick change of tool holder without the need for		
		welding, replaceable bolt on kicker paddles, tooth spacing 18 mm.		
		Includes: 150 bits		

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

FIELD INSTALLED ATTACHMENTS (CONT.)

C	582-7727	ROTOR, K COARSE - 25 MM, FLD 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Latest Design tool holder system with 2010 mm (79.1") cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 25 mm. Includes: 122 Bits ONLY FOR USE WITH: LANE 3		\$35,760 NI
C	575-7463	ROTOR, K MICRO - 6MM, FLD 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Latest design tool holder system for micro milling with 2010 mm. (79.1") 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: 350 bits		\$72,880 NI
C	501-2144	ROTOR, H MICRO - 6X2 MM, FLD 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Weld on tool holders for micro milling with 2010 mm (79.1") cut width. Advanced design of weld on bit blocks to allow micro finish with a tooth spacing 6x2 mm. Includes: 672 Bits		\$88,520 NI

PACKING

0G-0068	PACK, MISCELLANEOUS MATERIAL 0		NC
---------	------------------------------	---------	--	----