

PM622 COLD PLANER
MINERBIO, ITALY

Ship Weight
lbs

LIST PRICE
AT DEALER

Standard Equipment:

POWERTRAIN

CAT C18 diesel, 6-cylinder,
turbocharged, aftercooled 630 HP
(470 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
Remote jump start receptacle
Halogen work lights (7),
4 fixed locations
Machine diagnostic connector
(for CAT ET)
Self diagnostic system
Product Link ready

OPERATOR ENVIRONMENT

Dual operating 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 diagnostic
and operating instructions
LED wake-up mode 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
Three selectable rotor speeds
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,

PM622 COLD PLANER
MINERBIO, ITALY

Ship Weight
lbs

LIST PRICE
AT DEALER

OTHER STANDARD EQUIPMENT (CONT.)

filter restriction)
Steering guide
Mirrors
Rear water fill
12-volt ports at operator station
Air system
S.O.S. sampling ports
Auxiliary electro-hydraulic power
package for operational and emergency
functions
Operational functions:
-canopy and/or engine hood unlift
Emergency functions:
-spring applied brakes releasing
-auxiliary services
Air filter restriction electric indicator
Compressed air lubricator and pressure
regulator unit
On board winterization system

PM622 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.

0G-0527	PM622 MISC MATL 0 AVAILABLE FROM MINERBIO FACTORY	NC
---------	--	----

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**

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 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 Two rotating amber beacon lights, magnetically mounted.		\$344 NI
P	394-0410	LIGHT, HAZARD 0 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Two rotating amber beacon 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 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Red / Green light to communicate with truck driver		\$555 \$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 1352 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		\$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 RH and LH 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: European 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.	0	\$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	388-1047	ROTOR TURNING DEVICE 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER	0	\$3,050 \$3,050 NI

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

OTHER ATTACHMENTS (CONT.)**MISC ATTACHMENTS**

P	376-4130	CUTTING BIT TRAY	0	\$434
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER	0	\$434 NI
		Two additional trays between rear crawlers for bit storage		
P	376-4126	PUMP, FUEL TRANSFER	0	\$1,645
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER	0	\$1,645 NI
		Allows for transfer of fuel from non-pump container		
P	376-4132	LOW PRESSURE WASH DOWN	0	\$1,465
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER	0	\$1,465 NI
		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		
		ONLY FOR USE WITH: LANE 3		
C	582-8826	ROTOR, K COARSE - 25 MM, FLD	0	\$38,180 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 25 mm.		
		Includes: 131 Bits		

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

FIELD INSTALLED ATTACHMENTS (CONT.)

C	575-7467	ROTOR, K MICRO - 6MM, FLD 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Latest design tool holder system for Micro Milling with 2235 mm (88") 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: 386 Bits		\$77,810 NI
C	511-5050	ROTOR, H MICRO - 6X2 MM, FLD 0 CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Weld on tool holders for micro milling with 2235 mm (88") cut width. Advanced design of weld on bit blocks to allow micro finish with a tooth spacing 6X2 mm. Includes: 748 Bits		\$111,170 NI

DOCUMENTATION

OF-5109	CERTIFICATE OF ORIGIN.	0		\$89 NET
---------	-----------------------------	---	--	-----------------

PACKING

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