PM820

PM820 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 1640 mm x 300 mm (64.5" x 12") 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

-mont, rear and crab

-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

ROTOR AND CHAMBER SYSTEM

Camera ready display

APPLICATION SPECIFIC COMPONENTS

Caterpillar patented tool holder with easy extraction feature External floating side plates Dry clutch, belt transmission and automatic tensioner Tool water cooling with dedicated spray system Curb clearance right side plate Moldboard with floating, locked or service height levels and adjustable down pressure Hydraulic raiseable and floating antislab **CONVEYORS** Front loading 850 mm (33.5") belt width collecting 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) Steering guide

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Ship Weight lbs

LIST PRICE AT DEALER

OTHER STANDARD EQUIPMENT (CONT.)

Mirrors Rear water fill 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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PM820

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.

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PM820 COLD PLANER MINERBIO, ITALY Ship Weight lbs		LIST PRICE AT DEALER		
496-5011	PM820 COLD PLANER		\$613,650	
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 u	sed on a MISC or	ler	

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
LANE	SELECTIO	DN .		
	0P-9002	LANE 2 ORDER	0	NC
	0P-9003	LANE 3 ORDER		NC
POW	ERTRAIN			
El	V <i>GINE</i>			
L	496-4982	ENGINE, CAT C18 ACERT		NC
HYDF	RAULICS			
W	ATER FILL	PUMP		
L	396-4803	PLUG, NO WATER FILL PUMP	0	NC
L	374-6812	PUMP, WATER FILL, HIGH CAPACITY		\$2,690
D	UST EXTRA	ACTION		
L	377-2969	VENTILATION SYSTEM	ıultiple	\$9,880
Н	IGH PRESS	URE WASHDOWN		
P	396-4801	NO HIGH PRESSURE CLEANER	0	NC
L	374-6811	PUMP, WASHING, HIGH PRESSURE	0	\$5,340 \$5,340 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER High pressure washdown water pump, including (1) 15 m (50 ft) of hose on reel.	v	40/310 NI
ELEC	TRICAL			
LI	GHTING			
L	374-1436	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 discharg conveyor, 2 lights on the top rear face of the machine and 4 lights on the rear face of the machine.	0 ge	\$1,060 \$1,060 NI

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
ELEC	TRICAL (C	CONT.)		
LI	GHTING (C	Cont.)		
L	477-9167	LIGHTS, LED		\$7,680
		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 discharg conveyor, 2 lights on the top rear face of the machine and 4 lights on the rear face of the machine.		\$7,680 NI
OPER	RATOR ENV	TRONMENT		
O	PERATOR S	STATION		
L	378-8243	NO CANOPY	0	NC
L	374-1443	CANOPY, FOLDING, HYDRAULIC	_	\$10,140
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hydraulically folding canopy with extendible side win	0 ngs	\$10,140 NI
SE	EATS			
L	376-4122	PLATFORM, NO SEATS	0	NC
L	376-4111	SEAT FULL SIZE SUSPENSION	0	\$4,235
O	PERATOR F	FIXED DISPLAY		
L	393-6393	SINGLE CENTER DISPLAY		NC
L	393-6394	control. Also includes brackets. DOUBLE CENTER DISPLAY	0 e	\$4,245
G	RADE AND	SLOPE CONTROLS		
L	501-3599	PLUG, NO INBOARD SKI	0	NC
Р	380-3868	INBOARD SKI		\$3,005
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Inboard ski bracket assembly for both left and right machine, reading position from position sensing cylir Includes bracket, ski and sensor.		\$3,005 NI

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS

PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

L	472-2959	PRODUCT LINK, SATELLITE PL631	\$432
L	472-2960	PRODUCT LINK, SATELLITE PLE631	\$799
L	468-9668	PRODUCT LINK, CELLULAR PL641	NC
L	468-9504	PRODUCT LINK, CELLULAR PLE641	\$367

FUEL SYSTEMS

FUEL TANK

L	374-1279	TANK, FUEL STANDARD 0	NC
L	374-1280	TANK, FUEL FAST FILL	\$3,565

OTHER ATTACHMENTS

ROTOR HOUSING

L	496-5008	CHAMBER 2.0M/79" N	MILLING	. 0	\$57.120

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U. S. DOLLAR CURRENCY

Effective 02JAN2019 PM820-007

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
ОТ	HER ATTACH	IMENTS (CONT.)		
	MILL ROTOR	S		
-	517-0847	ROTOR, K SYSTEM - STD	l") cut width. ed for welding,	\$39,890
	399-5679	ROTOR, G SYSTEM - STD FOR USE IN LANE 3 ONLY CUSTOM ATTACHMENT - PLEASE CONTACT THE F. FOR AVAILABILITY Three-piece conical tool holder system with 2010 mn Allows for quick change of tool holder without the ne welding, replaceable bolt on kicker paddles, tooth sp Includes: 178 Bits	ACTORY a (79.1") cut width. ed for	\$56,560
C	507-2019	ROTOR, J SYSTEM - STD FOR USE IN LANE 3 ONLY CUSTOM ATTACHMENT - PLEASE CONTACT THE F. FOR AVAILABILITY. Taper-fitted tool holder system with 2010 mm (79.1") Allows for quick change of tool holder without the newelding, 172 cutting teeth, with spacing 15 mm. Includes: 172 Bits	ACTORY	\$58,040
	510-5649	FOR USE IN LANE 3 ONLY CUSTOM ATTACHMENT - PLEASE CONTACT THE F. FOR AVAILABILITY Three-piece conical tool holder system with 2010 mn cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 8 mm.	ACTORY	\$82,090
;	505-2908	Includes: 280 Bits ROTOR, H SYSTEM - MICRO FOR USE IN LANE 3 ONLY CUSTOM ATTACHMENT - PLEASE CONTACT THE F. FOR AVAILABILITY Weld on tool holders for micro milling with 2010 mm Advanced design of weld on bit blocks to allow micro with a tooth spacing 6x2 mm.	ACTORY (79.1") cut width.	\$87,890
	0F-5136	Includes: 672 Bits OMISSION, ROTOR	0	NC
	DISCHARGE	CONVEYOR		
	374-1368	DISCHARGE CONVEYOR NON-FOLDING	0	\$39,720
	374-1367	FOR USE IN LANE 3 ONLY DISCHARGE CONVEYOR, FOLDING	0	\$47,640
	CONVEYOR	TENSIONER		
-	399-5656	TENSIONER, MECHANICAL	0	NC

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
ОТН	ER ATTACH	IMENTS (CONT.)		
C	CONVEYOR	TENSIONER (Cont.)		
L	399-5658	TENSIONER, GREASE		\$1,095
C	CONVEYOR	SWING RELEASE		
L	418-2294	NO CONVEYOR SWING VALVE	0	NC
L	377-9877	CONVEYOR SWING VALVE		\$1,020
C	COMMISSIO	NING		
L	0P-2586	COMMISSIONING, NEEDED	0	\$6,330 NET \$6,330 NI
L	0P-2587	Commissioning Needed, trained personnel are require commission the machine. COMMISSIONING, NOT NEEDED	0	NET NC
A	DDITIONAL	WATER SPRAYING SYSTEM		
L	519-7351	COVER, NO ADDITIONAL SPRAY	0	NC
L	376-4133	DUST REDUCTION ADDIT. (2M/79")		\$2,440
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional water spraying system for dust reduction, i additional spraying bars located inside the rotor house the conveyors.		\$2,440 NI
V	VATER TAN	K GROUND LEVEL FILLING PORT		
L	387-4320	PORT, FILLING, WATER TANK	0	NC
V	VATER SIDE	FILL		
L	396-4805	PLUG, NO SIDE FILL	0	NC
L	374-1439	SIDE FILL VALVE & PORT	0	\$447
S	STEERING G	UIDE		
P	397-8284	GUIDE, TELESCOPING STEERING		NC
		Provides two telescoping steering guides with multi po adjustment for advanced steering marker placement.	oint	\$640 NI

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
OTHE	R ATTACH	IMENTS (CONT.)		
S	TEERING G	UIDE (Cont.)		
P	501-0412	GUIDE, STANDARD STEERING		NC
		Provides two standard steering guides with lateral adpendulum markers.	ljustment of	\$590 NI
FLUID	os			
H	YDRAULIC	OIL		
L	374-1432	HYDR. OIL HYDO ADVANCED 10W	0	NC
L	374-1433	CAT standard hydraulic oil HYDRAULIC OIL, BIODEGRADABLE	0	\$6,040
L	374-1434	recommended when environmentalcompliance is req HYDRAULIC OIL, HIGH AMBIENT FOR USE IN LANE 3 ONLY Hydraulic synthetic oil is recommended when high a operation is typical for machine.	0	\$2,325
INSTI	RUCTIONS			
DE	ECAL PACK	KAGES		
L	520-4383	FILM, NORTH AMERICA	0	NC
SE	ERVICE INS	TRUCTIONS		
	421-8926	SERIALIZED TECHNICAL MEDIA KIT	Maintenance tory Notification ng facility. Manuals (OMM) vill vary.	NC

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Bid Term: 2/20/19 - 2/19/21

should be ordered through publications.cat.com

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ELEC	TRICAL			
Р	363-7444	LIGHT, HAZARD, CANOPY		\$339 NI
P	394-0410	Includes two LED amber strobe lights, magnetically LIGHT, HAZARD	0	\$705 NI
Р	374-1437	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a single LED lamp with integrated bracket fixed mounting. To serve as a replacement lamp or r	0 for	\$500 \$500 NI
P	398-7378	stock. LAMP, LED (POLE MOUNT) ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a single LED lamp with integrated bracket pole mounting. To serve as a replacement lamp or restock.	for	\$650 NI
P	394-9642	LAMP, HALOGEN (MAGNETIC) ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a single halogen lamp with magnetic moun		\$311 NI
P	376-4129	LIGHT, TRUCK SIGNAL	0	\$545 NI
OPER	ATOR ENV	VIRONMENT		
P	374-1445	UMBRELLA	nd crew ures	\$690 NI
P	532-7658	FOR USE IN LANE 3 ONLY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Collapsible windscreens mount to and move with the Rear windscreen can fold up into canopy cavity whe ONLY FOR USE WITH: 374-1443 CANOPY, FOLD	0 e canopy. n notin use.	\$6,980 \$5,200 NI

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
	R ATTACH			
GI	RADE AND	SLOPE CONTROLS		
Р	380-3870	CONTROL, CAT G&S SYSTEM	0 ing	\$7,470 \$7,470 NI
P	376-4136	SENSOR, SONIC, AVERAGING	side, nachine consisting) with	\$10,080 NI
Р	416-2036	SENSOR, SONIC, FOR STRING LINE ALSO AVAILABLE ON A MISCELLANEOUS ORDER Include bracket, (1) ultrasonic sensor and cables for mounting at the center of the machine REQUIRES: 380-3870 CONTROL, CAT G&S SYSTEM	0 r	\$4,050 NI
P	387-9468	DISPLAY, OPTIONAL	0	\$2,810 NI
V	ISIBILITY E	NHANCEMENTS		
L	387-9552	REAR CAMERA	0 r's rear lesigned	\$880 \$880 NI
		to have a sharp, clear picture with camera mounted top rear end of the machine REQUIRED BY: EU DEALERS	l on the	
L	387-9467	ALSO AVAILABLE ON A MISCELLANEOUS ORDER This camera system is used to enhance the operator visibility while operating. The LCD color display is do have a sharp, clear picture with camera mounted	0 r's forward lesigned	\$1,085 \$1,085 NI
P	376-4123	top front end of the discharge conveyor CAMERA, AUX	0	\$740 N

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ОТНЕ	R ATTACH	HMENTS (CONT.)		
RC	OTOR SERV	/ICING TOOLS		
P	376-4134	PNEUMATIC BIT REMOVAL TOOL ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes progressive homography tools agail has	\$620 NI	
P	523-7587	Includes pneumatic hammer, punch tools, coil hos ROTOR TURNING DEVICE	\$3,005 NI	
M	ISC ATTAC	CHMENTS		
Р	376-4130	CUTTING BIT TRAY	1	\$428 NI
Р	376-4126	PUMP, FUEL TRANSFER		\$1,620 NI
P	376-4132	LOW PRESSURE WASH DOWN	0 k d with	\$1,445 NI
Р	504-6604	TOOL HOLDER EXTRACTION	0 nolders a block.	\$274 \$274 NI
FIELD	INSTALLE	D ATTACHMENTS		
		ld attachments can be ordered e Order as a miscellaneous order.		
С	394-6417	ROTOR, G SYSTEM - STD, FLD CUSTOM ATTACHMENT - PLEASE CONTACT THE FOR AVAILABILITY Three-piece conical tool holder system with 2010 m width. Allows for quick change of tool holder withou welding, replaceable bolt on kicker paddles, tooth s	FACTORY nm (79.1") cut ut the need for	\$56,560 NI
С	507-0141	Includes: 178 Bits ROTOR, J SYSTEM - STD, FLD CUSTOM ATTACHMENT - PLEASE CONTACT THE FOR AVAILABILITY Taper-fitted tool holder system with 2010 mm (79.1) Allows for quick change of tool holder without the rivelding, replaceable bolt on kicker paddles, tooth sincludes: 172 Bits	FACTORY 1") cut width. need for	\$58,040 NI

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER				
FIELD INSTALLED ATTACHMENTS (CONT.)								
С	510-5650	ROTOR, G SYSTEM - FINE, FLD	\$77,040 NI					
С	501-2144	ROTOR, H SYSTEM - MICRO, FLD	FACTORY nm (79.1") cut	\$87,210 NI				
С	497-9842	ROTOR, K SYSTEM - STD, FLD	FACTORY 9.1") cut width. need for welding,	\$39,300 NI				
DOCUMENTATION								
	0F-5109	CERTIFICATE OF ORIGIN	0	\$88 NET				
PACKING								
(Must Select One)								
	0G-0044	ROLL ON-ROLL OFF	0	NC				
	0G-0068	PACK, MISCELLANEOUS MATERIAL	0	NC				

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