

PM820 COLD PLANER
LITTLE ROCK, AR, USA (SAP)

Ship Weight
lbs

LIST PRICE
AT DEALER

Standard Equipment:

POWERTRAIN

CAT C18, inline 6-cylinder, twin turbo-charged, aftercooled 800 HP (596 kW) diesel engine
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
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 speeds 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 -37C (-34F)

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

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OTHER STANDARD EQUIPMENT (CONT.)

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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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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565-8535

PM820 02A COLD PLANER 0

\$713,910

LANE 2 - AVAILABLE FROM NORTH LITTLE ROCK FACTORY

LANE 3 - AVAILABLE FROM NORTH LITTLE ROCK FACTORY

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

To place MISCELLANEOUS MATERIAL orders, please use 0G-0712 PM820
MISC MATL and reference the Minerbio source PM820 COLD PLANER
price list for material selection. Please note, ONLY miscellaneous
material orders may be placed through the Minerbio facility.

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

0P-9002	LANE 2 ORDER	0	NC
	Only for dealers enrolled in the Base Orders Management (BOM) program.		
0P-9003	LANE 3 ORDER	0	NC

SPECIAL ARRANGEMENTS**CHASSIS**

L	557-9238	MACHINE, PM8 COMMON	0	NC
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POWERTRAIN**ENGINE**

L	558-4935	ENGINE, CAT C18	0	NC
		Meets U.S. EPA Tier 4 Final and EU Stage V emission standards.		

HYDRAULICS**WATER FILL PUMP**

L	396-4803	PLUG, NO WATER FILL PUMP	0	NC
L	374-6812	PUMP, WATER FILL, HIGH CAPACITY	0	\$2,730
		Line connected to the water tank allowing pressurized water filling from certain water systems.		

DUST EXTRACTION

L	377-2969	VENTILATION SYSTEM	0	\$10,030
		Dust and particles from operations are collected in multiple areas by hydraulically driven fan and discharged into secondary conveyor.		

HIGH PRESSURE WASHDOWN

P	396-4801	NO HIGH PRESSURE CLEANER	0	NC
L	374-6811	PUMP, WASHING, HIGH PRESSURE	0	\$5,420
		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
		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.		

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ELECTRICAL (CONT.)***LIGHTING (Cont.)***

L	477-9167	LIGHTS, LED 0		\$7,800
		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	378-8243	NO CANOPY 0		NC
L	374-1443	CANOPY, FOLDING, HYDRAULIC 0		\$10,290
		Hydraulically folding canopy with extendible side wings.		

SEATS

L	376-4122	PLATFORM, NO SEATS 0		NC
L	376-4111	SEAT FULL SIZE SUSPENSION 0		\$4,300
		Includes suspension seat with adjustable operator position.		

OPERATOR FIXED DISPLAY

L	393-6393	SINGLE CENTER DISPLAY 0		NC
		Includes one (1) center mounted display for machine operation, system diagnostic and grade and slope control. Also includes brackets.		
L	393-6394	DOUBLE CENTER DISPLAY 0		\$4,310
		Includes two (2) center mounted displays for machine operation, system diagnostic and grade and slope control. Also includes brackets.		

GRADE AND SLOPE

P	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

L	501-3599	PLUG, NO INBOARD SKI 0		NC
P	380-3868	INBOARD SKI 0		\$3,050
		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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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 0		\$439
		Product Link Pro series PL631 uses a satellite network to transmit location, utilization and health information for viewing in Product Link user applications. For use in areas with poor or no cellular coverage.		
L	472-2960	PRODUCT LINK, SATELLITE PLE631 0		\$811
		Product Link Elite series PLE631 (consisting of PL631 radio and PLE601 network manager) uses a satellite network to transmit location, utilization and health information for viewing in Product Link user applications. For use in areas with poor or no cellular coverage.		
L	468-9668	PRODUCT LINK, CELLULAR PL641 0		NC
		Product Link Basic series PL641 uses cellular networks to transmit location, utilization and health information for viewing in Product Link user applications. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		
L	468-9504	PRODUCT LINK, CELLULAR PLE641 0		\$372
		Product Link Elite series PLE641 (consisting of PL641 radio and PLE601 network manager) uses cellular networks to transmit location, utilization, health and productivity information for viewing in Product Link user applications. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		

FUEL SYSTEMS***FUEL TANK***

L	374-1279	TANK, FUEL STANDARD 0		NC
L	374-1280	TANK, FUEL FAST FILL 0		\$3, 620
		Allows for transfer of fuel from pressurized fill systems.		

OTHER ATTACHMENTS***MILL ROTORS***

L	517-0847	ROTOR, K STD - 15 MM 0		\$40, 490
		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		

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OTHER ATTACHMENTS (CONT.)**MILL ROTORS (Cont.)**

C	578-0189	ROTOR, K MICRO - 6 MM 0 FOR USE WITH LANE 3 ONLY 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
C	567-0933	ROTOR, K FINE - 8 MM 0 FOR USE WITH LANE 3 ONLY 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 8 mm. Includes: 276 Bits		\$58,710
C	559-1544	ROTOR, K COARSE - 18 MM 0 FOR USE WITH LANE 3 ONLY 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		\$38,470
C	582-7725	ROTOR, K COARSE - 25 MM 0 FOR USE WITH LANE 3 ONLY 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		\$35,760
C	505-2908	ROTOR, H MICRO - 6X2MM 0 FOR USE WITH LANE 3 ONLY 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		\$89,210
L	0F-5136	OMISSION, ROTOR 0 FOR USE WITH LANE 3 ONLY		NC

DISCHARGE CONVEYOR

L	374-1367	DISCHARGE CONVEYOR, FOLDING 0 Hydraulically downward folding discharge conveyor.		\$48,350
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CONVEYOR SWING RELEASE

L	418-2294	NO CONVEYOR SWING VALVE 0		NC
L	377-9877	CONVEYOR SWING VALVE 0 Valve actuation allows conveyor to swing free when connected to certain transport fixtures for turning.		\$1,035

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OTHER ATTACHMENTS (CONT.)**COMMISSIONING**

It is recommended that startup and commissioning of machines be included as part of the machine sale. The net charge covers a three day commissioning event. Trained personnel cover proper machine setup, basic maintenance, operation and application on a customer's jobsite. To request and schedule a machine commissioning event, dealers will need to contact the Caterpillar Paving Technical Training group by filling out the online request form.

URL: https://www.catpaving.com/registration/class_request_form

L	OP-2586	COMMISSIONING, NEEDED 0	\$6,420 NET
		Commissioning Needed, trained personnel are required to properly commission the machine.	
L	OP-2587	COMMISSIONING, NOT NEEDED 0	NC
		Commissioning, Not Needed, necessary dealer resource are available to properly commission the machine.	

ADDITIONAL WATER SPRAYING SYSTEM

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.

L	519-7351	COVER, NO ADDITIONAL SPRAY 0	NC
L	376-4133	DUST REDUCTION ADDIT. (2M/79") 0	\$2,475
		Additional water spraying system for dust reduction, including additional spraying bars located inside the rotor housing and the conveyors.	

WATER TANK GROUND LEVEL FILLING PORT

L	387-4320	PORT, FILLING, WATER TANK 0	NC
		Water tank ground level Filling Port.	

WATER SIDE FILL

L	396-4805	PLUG, NO SIDE FILL 0	NC
L	374-1439	SIDE FILL VALVE & PORT 0	\$454
		Line connected to the water tank, providing addition location for water fill.	

STEERING GUIDE

P	397-8284	GUIDE, TELESCOPING STEERING 0	NC
		Provides two telescoping steering guides with multi point adjustment for advanced steering marker placement.	
P	501-0412	GUIDE, STANDARD STEERING 0	NC
		Provides two standard steering guides with lateral adjustment of pendulum markers.	

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FLUIDS***HYDRAULIC OIL***

L	374-1432	HYDR. OIL HYDO ADVANCED 10W 0		NC
		CAT standard hydraulic oil.		

INSTRUCTIONS***DECAL PACKAGES***

L	520-4383	FILM, NORTH AMERICA 0		NC
		ANSI picto warning decals using symbols plus the word "WARNING" as required by the USA.		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
ELECTRICAL				
P	363-7444	LIGHT, HAZARD, CANOPY 0 Includes two LED amber strobe lights, magnetically mounted.		\$344 NI
P	394-0410	LIGHT, HAZARD 0 Includes two LED amber strobe lights mounted to the conveyor and rear of the machine.		\$715
P	374-1437	LAMP, LED (FIXED) 0 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 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 Provides a single halogen lamp with magnetic mounting.		\$316 NI
P	376-4129	LIGHT, TRUCK SIGNAL 0 Red / Green light to communicate with truck driver.		\$555

OPERATOR ENVIRONMENT

P	374-1445	UMBRELLA 0 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 FOR USE WITH LANE 3 ONLY 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

OTHER ATTACHMENTS**GRADE AND SLOPE CONTROLS**

P	376-4136	SENSOR, SONIC, AVERAGING 0 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 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

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OTHER ATTACHMENTS (CONT.)**GRADE AND SLOPE CONTROLS (Cont.)**

P	387-9468	DISPLAY, OPTIONAL 0 Additional display (1) with mounting bracket for ground/operator station. Order qty 3 maximum		\$2,850 NI
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VISIBILITY ENHANCEMENTS

L	387-9552	REAR CAMERA. 0 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		\$895
L	387-9467	CONVEYOR CAMERA. 0 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		\$1,100
P	376-4123	CAMERA, AUX. 0 Camera with cable and magnetic mount. The single camera system is compact, rugged, reliable and the camera can be placed anywhere within cable length.		\$750 NI

ROTOR SERVICING TOOLS

P	376-4134	PNEUMATIC BIT REMOVAL TOOL 0 Includes pneumatic hammer, punch tools, coil hose and fittings.		\$630 NI
P	523-7587	ROTOR TURNING DEVICE. 0 Includes control device and electrical motor for powered rotational assist when servicing the rotor.		\$3,050
P	577-4176	EXTRACTOR, TOOL HOLDER 0 Hand tool for extracting 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. Extraction tool can be configured to be used on G,J, or K rotor systems.		\$278 NI

MISC ATTACHMENTS

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

DOCUMENTATION

L	354-8706	YEAR OF MANUFACTURE PLATE 0 Plate attached to PIN plate showing year of Final Plant Shipping date. Required for all machines shipping to Brazil		NC
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DOCUMENTATION (CONT.)

0P-1870	CERTIFICATE OF ORIGIN	0	NC
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PACKING

0P-0210	PACK, DOMESTIC TRUCK	0	NC
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