

PM822 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

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**OTHER STANDARD EQUIPMENT (CONT.)**

- filter restriction
- 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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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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**565-8540**

**PM822 02A COLD PLANER** ..... 0

**\$716,240**

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-0713 PM822  
MISC MATL and reference the Minerbio source PM822 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**

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

L	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	<b>PRODUCT LINK, SATELLITE PL631</b> . . . . . 0		<b>\$439</b>
		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	<b>PRODUCT LINK, SATELLITE PLE631</b> . . . . . 0		<b>\$811</b>
		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	<b>PRODUCT LINK, CELLULAR PL641</b> . . . . . 0		<b>NC</b>
		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	<b>PRODUCT LINK, CELLULAR PLE641</b> . . . . . 0		<b>\$372</b>
		Product Link Elite series PLE641 (consisting of PL641 radio and PLE601 network manager) uses cellular networks to transmit location, utilization and health 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	<b>TANK, FUEL STANDARD</b> . . . . . 0		<b>NC</b>
L	374-1280	<b>TANK, FUEL FAST FILL</b> . . . . . 0		<b>\$3, 620</b>
		Allows for transfer of fuel from pressurized fill systems.		

**OTHER ATTACHMENTS*****MILL ROTORS***

L	517-1708	<b>ROTOR, K STD - 15 MM</b> . . . . . 0		<b>\$43, 230</b>
		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		



USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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**OTHER ATTACHMENTS (CONT.)****MILL ROTORS (Cont.)**

C	578-0190	<b>ROTOR, K MICRO - 6 MM</b> ..... 0 FOR USE WITH LANE 3 ONLY 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
C	567-0903	<b>ROTOR, K FINE - 8 MM</b> ..... 0 FOR USE WITH LANE 3 ONLY 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 8 mm. Includes: 304 Bits		\$62,690
C	559-1535	<b>ROTOR, K COARSE - 18 MM</b> ..... 0 FOR USE WITH LANE 3 ONLY 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		\$41,070
C	582-8824	<b>ROTOR, K COARSE - 25 MM</b> ..... 0 FOR USE WITH LANE 3 ONLY 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 25 mm. Includes: 131 Bits		\$38,180
C	511-5049	<b>ROTOR, H MICRO - 6X2MM</b> ..... 0 FOR USE WITH LANE 3 ONLY 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		\$112,510
L	0F-5136	<b>OMISSION, ROTOR</b> ..... 0		NC

**DISCHARGE CONVEYOR**

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

L	418-2294	<b>NO CONVEYOR SWING VALVE</b> ..... 0		NC
L	377-9877	<b>CONVEYOR SWING VALVE</b> ..... 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](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	519-7352	COVER, NO ADDITIONAL SPRAY . . . . . 0	NC
P	376-4112	DUST REDUCTION ADD. (2.2M/88") . . . . . 0	\$2,520
		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 for the USA.		

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

**OPERATOR ENVIRONMENT**

P	374-1445	<b>UMBRELLA</b> ..... 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 shafts and mounting hardware to be installed on machine at customer direction.		<b>\$700 NI</b>
P	532-7658	<b>WINDSCREEN</b> ..... 0 FOR USE IN 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		<b>\$7,080</b>

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

P	376-4136	<b>SENSOR, SONIC, AVERAGING</b> ..... 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		<b>\$10,230 NI</b>
P	416-2036	<b>SENSOR, SONIC, FOR STRING LINE</b> ..... 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		<b>\$4,110 NI</b>

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

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

L	387-9552	<b>REAR CAMERA.</b> . . . . . 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.		<b>\$895</b>
L	387-9467	<b>CONVEYOR CAMERA.</b> . . . . . 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.		<b>\$1,100</b>
P	376-4123	<b>CAMERA, AUX.</b> . . . . . 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.		<b>\$750 NI</b>

**ROTOR SERVICING TOOLS**

P	376-4134	<b>PNEUMATIC BIT REMOVAL TOOL</b> . . . . . 0 Includes pneumatic hammer, punch tools, coil hose and fittings.		<b>\$630 NI</b>
P	523-7587	<b>ROTOR TURNING DEVICE.</b> . . . . . 0 Includes control device and electrical motor for powered rotational assist when servicing the rotor.		<b>\$3,050</b>
P	577-4176	<b>EXTRACTOR, TOOL HOLDER</b> . . . . . 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.		<b>\$278 NI</b>

**MISC ATTACHMENTS**

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

**DOCUMENTATION**

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

0P-1870	CERTIFICATE OF ORIGIN.....	0	NC
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PACKING

(Must Select One)

0P-0210	PACK, DOMESTIC TRUCK.....	0	NC
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