

CATERPILLAR MACHINE PRICE LIST

PM310

PM310 COLD PLANER
MINERBIO, ITALY

Ship Weight
lbs

LIST PRICE
AT DEALER

Standard Equipment:

POWERTRAIN

CAT C9.3, inline 6-cylinder, turbocharged, ATAAC, 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
Traction control/differential lock
Alignment controlled steering system with two steering modes: rear and assist ON/OFF
Alignment is optimized for selected mode

ELECTRICAL

Backup alarm
Alternator, 115-amp
Batteries, two maintenance free, 1400 CCA each
Horn, forward warning
Ground located horn, operator warning
Electrical system, 24 Volt
Work lights (8 pole mount)
Machine diagnostic connector (for CAT ET)
Self diagnostic system
Product link equipped

OPERATOR ENVIRONMENT

Single right side operation station with adjustable seat
Platform handrails/guardrails
Lockable vandalism guards for all control panels
Joystick propel and steering
Control console with LED backlit panels
Machine monitoring system
Electronic machine management system
Digital graphic display for diagnostics and operating instructions
Silver-class touch screen display
Camera ready display
LED wake-up mode with floor light
Integrated grade control ready
Automatic drum shutoff on clutchslip
Rear RH leg steering for track option
Load control
Rear RH leg retraction
Load control
Ramp-in, ramp-out function
Digital moldboard control

3 rotor speeds selectable on control panels
Quick detach fuses and relays with blown fuse detection and fault indication on display
Two level warning system with action light and horn (warning, critical warning)
Water spray system
Electronic water level gauge
12v ports at operator station
Rotor service keypad control

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
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 anti-slab
CONVEYORS
Front loading
600 mm (26.3") belt width collecting conveyor
600 mm (26.3") belt width discharge conveyor
Dual stage, infinitely variable speed
60-degree swing either side of center for discharging conveyor
Quick-detach discharge conveyor

FLUIDS

Extended life coolant with protection to -34C (-29F)

OTHER STANDARD EQUIPMENT

Doors, service access, hinged, locking
Fuel tank 600 L (158 gal)
Pressure test ports with quick connect
Water tank 1260 L (333 gal)
Sound suppression insulation kit
Mirrors
Gas-spring engine hood lift
Emergency functions:
Hand pump brake release

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OTHER STANDARD EQUIPMENT (CONT.)

Air filter restriction electric
indicator
On board winterization system
Bit removal tools
S.O.S. sampling ports
Sight gauges (hydraulic oil, filter
restriction)

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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.**

381-6461	PM310 COLD PLANER 0 LANE 2 - AVAILABLE FROM MINERBIO FACTORY LANE 3 - AVAILABLE FROM MINERBIO FACTORY	\$275,340
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AVAILABLE FOR: AM-N, Puerto Rico, Europe and South Korea

0G-0616	PM310 MISC MATL 0 AVAILABLE FROM MINERBIO FACTORY	NC
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Only reference numbers that have the text
 "ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a MISC order.

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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 Order Management (BOM) program.		
OP-9003	LANE 3 ORDER	0	NC

POWERTRAIN

ENGINE

L	381-6473	ENGINE, CAT C9.3 U.S. EPA Tier 4 Final and EU Stage IV equivalent engine ONLY FOR USE WITH: 381-6461 PM310 COLD PLANER	0	NC
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TRACTION TYPE

L	381-6527	WHEEL, CONVERSION Includes solid rubber tires on steel wheels.	0	NC
L	381-6528	TRACK, CONVERSION Includes independent track drives with auto tensioning system.	0	\$62,060

HYDRAULICS

DUST EXTRACTION

L	381-6682	COVER, NO VENTILATION	0	NC
L	381-7325	VENTILATION SYSTEM Dust and particles from operations are collected in multiple areas by hydraulically driven fan and discharged into secondary conveyor. NOTE: option may be needed for local regulations.	0	\$5,840

ELECTRICAL

LIGHTING

L	381-6575	LIGHTS, HALOGEN ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 8 halogen lights: 1 light facing each of the 4 tracks/wheels, 1 light facing the rear of the cutter box, 1 light facing the front of the cutter box and 2 lights mounted on the top front end of the discharge conveyor.	0 0	\$760 \$760 NI
L	381-6572	LIGHTS, LED ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes 8 LED lights: 1 light facing each of the 4 tracks/wheels, 1 light facing the rear of the cutter box, 1 light facing the front of the cutter box and 2 lights mounted on the top front end of the discharge conveyor.	0 0	\$4,540 \$4,540 NI

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TECHNOLOGY PRODUCTS

PRODUCT LINK COMMUNICATION (Must select one)

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 cost 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	381-6524	PRODUCT LINK, SATELLITE PL631 0 Product Link Pro series PL631 uses a satellite network to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. For use in areas with poor or no cellular coverage.		\$311 NET
L	488-5577	PRODUCT LINK, SATELLITE PLE631 0 Product Link Elite series PLE631 uses a satellite network to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. For use in areas with poor or no cellular coverage.		\$575 NET
L	381-7317	PRODUCT LINK, CELLULAR PL641 0 Product Link Pro series PL641 offers expanded coverage including 3G UMTS and CDMA2000 as 2G GSM and CDMA cellular network to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		NC
L	381-6525	PRODUCT LINK, CELLULAR PLE641 0 Product Link Elite series PLE641 offers expanded coverage including 3G UMTS and CDMA2000 as 2G GSM and CDMA cellular network to transmit location, utilization and condition information for viewing in Product Link's remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		\$264 NET

OTHER ATTACHMENTS

ROTOR HOUSING

L	381-6478	CHAMBER, MILLING (1.0M/39") 0 Includes milling chamber, moldboard, sideplates, antislabs, water spray system, cylinders, hoses and rotor drive assembly.		\$58, 410
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MILL ROTORS

L	522-0117	ROTOR, K SYSTEM - STD 0 Latest Design tool holder system with 1000 mm (39.4") cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 15 mm. Includes: 91 Bits		\$22, 650
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OTHER ATTACHMENTS (CONT.)

MILL ROTORS (Cont.)

C	381-6678	ROTOR, G SYSTEM - STD 0 FOR USE IN LANE 3 ONLY CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY Three-piece conical tool holder system with 1000 mm (39.4") cut width. Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 15 mm. Includes: 97 bits		\$28,770
L	0F-5136	OMISSION, ROTOR 0 FOR USE IN LANE 3 ONLY		NC

DISCHARGE CONVEYOR

L	381-6529	DISCHARGE CONVEYOR, MECHANICAL 0 Mechanical downward folding discharge conveyor.		\$39,720
L	381-6533	DISCHARGE CONVEYOR, HYD. FOLD 0 Hydraulically downward folding discharge conveyor.		\$47,640

WATER TANK GROUND LEVEL FILLING PORT

P	381-7333	PORT, FILLING, WATER TANK 0 Water tank ground level Filling Port, US Standard only		NC
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STEERING GUIDES

L	548-3070	GUIDE, STANDARD STEERING 0 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides one standard steering guide with lateral adjustment of pendulum markers.		NC \$275 NI
L	548-6908	GUIDE, TELESCOPING STEERING 0 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides one telescoping steering guide with multi point adjustment for advanced steering marker placement.		NC \$338 NI

COMMISSIONING SUPPORT

NOTE: It is recommended that startup and commissioning of machine be included as part of the machine sale. The net charge covers a three days 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://dealer.cat.com/PavingOnDemand>

L	0P-2586	COMMISSIONING, NEEDED 0 0 Commissioning Needed, trained personnel are required to properly commission the machine.		\$6,330 NET \$6,330 NI NET
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OTHER ATTACHMENTS (CONT.)

COMMISSIONING SUPPORT (Cont.)

L	0P-2587	COMMISSIONING, NOT NEEDED 0 Commissioning, Not Needed, necessary dealer resource are available to properly commission the machine.		NC
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FLUIDS

OIL

L	381-6481	HYDR. OIL, HYDO ADVANCED 10W 0 Cat standard hydraulic oil.		NC
L	381-6489	HYDRAULIC OIL, BIODEGRADABLE 0 FOR USE IN LANE 3 ONLY Hydraulic environmental ester synthetic oil is recommended when environmental compliance is required or desired.		\$2,215
L	381-6523	HYDRAULIC OIL, HIGH AMBIENT 0 FOR USE IN LANE 3 ONLY Hydraulic synthetic oil is recommended when high ambient operation is typical for machine.		\$695

INSTRUCTIONS

DECAL PACKAGES

L	381-6709	FILM, NORTH AMERICA 0		NC
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SERVICE INSTRUCTIONS

	421-8926	SERIALIZED TECHNICAL MEDIA KIT 0 The technical media kit, will include the Operation & Maintenance Manual (OMM) and other media specified on the Factory Notification List required to ship products from the manufacturing facility. Kit may contain multiple Operation & Maintenance Manuals (OMM) based on the final country of destination. Contents will vary. Any additional media or translations not included in the kit, should be ordered through publications.cat.com		NC
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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ELECTRICAL				
P	481-8732	LIGHT, HAZARD, CANOPY 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights, bracket mounted on a rotatable, detent pivot base. One strobe is mounted on the canopy at the rear of the machine and the other is mounted at the front of the machine at the top of the conveyor. ONLY FOR USE WITH: 381-7316 CANOPY, FOLDING, HYDRAULIC		\$339 NI
P	421-8156	LIGHT, HAZARD 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights: one is mounted to an adjustable height pole mount on the rear of the machine, the other is mounted at the front of the machine, at the top of the conveyor on a rotatable bracket on a detent pivot base. CANNOT BE USED WITH: 381-7316 CANOPY, FOLDING, HYDRAULIC		\$895 NI
P	381-7323	LIGHTS, ROADING AND WORKING 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two front mounted working lights with turn signals, two rear indicator/parking lights that signal, license plate holder with light and mounting hardware.	0	\$3,355 \$3,355 NI
P	394-9642	LAMP, HALOGEN (MAGNETIC) 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a single halogen lamp with magnetic mounting.		\$311 NI
P	381-7330	LIGHT, TRUCK SIGNAL 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Red/Green light to communicate with truck driver.		\$545 NI
P	381-7331	PUMP, EMERGENCY 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Electro-hydraulic pump to allow for operation of steering, elevation and canopy movement with engine power off.		\$600 NI

OPERATOR ENVIRONMENT

OPERATOR STATION

P	381-7316	CANOPY, FOLDING, HYDRAULIC 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hydraulically folding canopy with extendible side wings. REQUIRES: 381-7331 PUMP, EMERGENCY	0	\$4,825 \$4,825 NI
P	381-7324	UMBRELLA 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes (1) umbrella to provide operator protection from sun and rain. Umbrella measures 1372 mm x 1372 mm (54" x 54") and is collapsible. Includes support shafts and mounting hardware to be installed on machine at customer discretion.		\$690 NI

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OTHER ATTACHMENTS

GRADE AND SLOPE CONTROLS

P	481-8872	CONTROL, GRADE	0 0	\$8,620 \$8,620 NI
		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.		
P	381-7320	CONTROL, SLOPE	0 0	\$2,030 \$2,030 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Measures cross slope using a slope sensor mounted to the chassis. Provides information to machine for operation of grade control. REQUIRES: 481-8872 CONTROL, GRADE		
L	509-2523	SENSOR, SONIC, AVERAGING	0 0	\$10,080 \$10,080 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Sonic averaging ski for mounting on the LH or RH side or inboard. Consists of two sonic sensors (in addition to the machine grade control base system) with adjustable mounting arms. REQUIRES: 481-8872 CONTROL, GRADE		
P	381-7318	DISPLAY, OPTIONAL	0	\$2,810 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional (1) display with mounting bracket for ground/operator station(s). Order qty 1 maximum ONLY FOR USE WITH: 481-8872 CONTROL, GRADE		

VISIBILITY ENHANCEMENTS

P	421-8146	REAR CAMERA	0	\$655 NI
		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		
P	381-7314	CONVEYOR CAMERA	0	\$910 NI
		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.		
P	488-5580	CAMERA, AUX	0	\$740 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes camera with cable and magnetic mount. Can be placed anywhere within cable length.		
P	542-7915	CAMERA, LH DRUM EDGE	0	\$625 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Positioned to assist in lining up for cutting on left hand side of rotor. Includes camera, auxiliary lamp, cable, bracket and mounting hardware.		

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OTHER ATTACHMENTS (CONT.)

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.		\$620 NI
P	381-7326	PNEUMATIC COMPRESSOR SYSTEM 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Engine mounted air compressor with hose, tank and pressure regulator.		\$2,745 NI

ADDITIONAL WATER SPRAYING SYSTEM

P	421-9634	DUST REDUCTION, ADDITIONAL 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional water spraying system for dust reduction. Includes additional spray bars located on the front and rear of the pickup conveyor. NOTE: option may be needed for local regulations.	0	\$655 \$655 NI
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HIGH PRESSURE WASHDOWN

L	381-7321	PUMP, WASHING, HIGH PRESSURE 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER High pressure washdown water pump, including (1) wand with 15 m (50 ft) of hose on reel.	0	\$4,855 \$4,855 NI
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LOW PRESSURE WASHDOWN

L	544-2811	WASHDOWN, LOW PRESSURE 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides 13 m (43 ft) of low pressure washdown hose, spray nozzle and coiled hose storage bracket. Coiled hose storage bracket mounts to the discharge conveyor.	0	\$1,445 \$1,445 NI
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MISC ATTACHMENTS

P	504-6604	TOOL HOLDER EXTRACTION 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hand tool for extracting G 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.		\$274 NI
P	482-4046	BALLAST KIT 0 ALSO AVAILABLE ON A MISCELLANEOUS ORDER 510 kg of additional weight for greater milling control, especially when in deep cuts or when cutting challenging material. Recommended for machines used in a full range applications or those seeking premium cutting control.		\$3,625 NI
P	561-4363	HOSE, SUCTION 0 ALSO AVAILABLE ON MISCELLANEOUS ORDER Suction hose with strainer for filling the water tank for alternative water sources. European standard only. ONLY FOR USE WITH: 381-7332 PORT, FILLING, WATER TANK		\$302 NI

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FIELD INSTALLED ATTACHMENTS

The following field attachments can be ordered through Machine Order as a miscellaneous order.

C	522-0118	ROTOR, K SYSTEM - STD, FLD 0		\$21,980 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		Latest Design tool holder system with 1000 mm (39.4") cut width.		
		Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 15 mm.		
		Includes: 91 Bits		
C	415-7351	ROTOR, G SYSTEM - STD, FLD 0		\$28,770 NI
		CUSTOM ATTACHMENT - PLEASE CONTACT THE FACTORY FOR AVAILABILITY		
		Three-piece conical tool holder system with 1000 mm (39.4") cut width.		
		Allows for quick change of tool holder without the need for welding, replaceable bolt on kicker paddles, tooth spacing 15 mm.		
		Includes: 97 Bits		

DOCUMENTATION

CERTIFICATES

OF-5109	CERTIFICATE OF ORIGIN 0		\$88 NET
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PACKING

(Must Select One)

OG-0044	ROLL ON-ROLL OFF 0		NC
OG-0068	PACK, MISCELLANEOUS MATERIAL 0		NC