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 Automatic throttle control 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 Electronic drivetrain protection system Rear RH leg steering for track option 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 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 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
Air filter restriction electric indicator

Supersedes 02JAN2021 Caterpillar: Confidential Green US-A D Subject to change without notice Printed in USA U. S. DOLLAR CURRENCY Effective 20FEB2021

PM310-001

Grounds Equipment - Bid #ESCNJ 18/19-25

PM310

PM310 COLD PLANER MINERBIO, ITALY

Ship Weight lbs

LIST PRICE AT DEALER

OTHER STANDARD EQUIPMENT (CONT.)

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

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PM310

PM310 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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PM310-003

Effective 20FEB2021

PM310

PM310 COLD PLANER MINERBIO, ITALY Ship Weight lbs			LIST PRICE AT DEALER
575-4708 PM310 02B COLD PLANER		0 \$38	\$351,220
	AVAILABLE FOR: AM-N, Puerto Rico, Europe, Israel, Palestine a South Korea	and	
0G-0616	PM310 MISC MATL	0	NC
	Only reference numbers that have the text "ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used or	on a MISC ord	er.

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Effective 20FEB2021 PM310-004

PM310

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
LANE	SELECTIO	N		
	0P-9002	LANE 2 ORDER		NC
	0P-9003	LANE 3 ORDER		NC
SPEC	IAL ARRAI	NGEMENTS		
C	HASSIS			
L	575-4714	MACHINE, PM3 COMMON		NC
POW	ERTRAIN			
El	V <i>GINE</i>			
L	548-2958	ENGINE, CAT C9.3	ier 4 Final	NC
T	RACTION T	YPE		
L	577-6236	WHEEL, CONVERSION		NC
L	577-6234	Includes independent track drives with auto tensionin ONLY FOR USE WITH: 575-4708 PM310 02B COL	ng system.	\$63,930
HYDI	RAULICS			
D	UST EXTRA	ACTION		
L	381-6682	COVER, NO VENTILATION	0	NC
L	577-6257	VENTILATION SYSTEM	ultiple	\$6,020
		ONLY FOR USE WITH: 575-4708 PM310 02B COL	D PLANER	
ELEC	TRICAL			
LI	GHTING			
L	381-6575	LIGHTS, HALOGEN	0 0	\$780 \$780 N
		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 be 1 light facing the front of the cutter box and 2 lights mounted on the top front end of the discharge convey	oox,	¥,00 I

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Effective 20FEB2021 PM310-005

PM310

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
ELEC	TRICAL (C	ONT.)		
LI	GHTING (C	Cont.)		
L	381-6572	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 1 light facing the front of the cutter box and 2 lights mounted on the top front end of the discharge conve	box,	\$4,680 \$4,680 NI
TECH	INOLOGY F	PRODUCTS		
	Product Link about the loca Efficiently and to help keep y and reduce th Availability va https://Deale	enables the remote transmission of information ation, operation, and condition of your equipment. If effectively monitor performance of your assets four jobs on schedule, maintain equipment condition, are cost of owning and operating your fleet. The ries by country. Please reference or cat.com/PL/Certification for certified countries. It your Caterpillar marketing representative with		
L	381-6524	PRODUCT LINK, SATELLITE PL631	rk to transmit ng in Product	\$446
L	488-5577	coverage. PRODUCT LINK, SATELLITE PLE631	I radio and o transmit location, luct Link user	\$825
L	381-7317	applications. For use in areas with poor or no cellula PRODUCT LINK, CELLULAR PL641	orks to transmit of in Product capabilities	NC
L	381-6525	for frequent transmission and larger volumes of data PRODUCT LINK, CELLULAR PLE641	1 radio and transmit location, lewing in provides	\$378
ОТН	ER ATTACH	IMENTS		
M	IILL ROTOR	S		
L	522-0117	ROTOR, K STD - 15 MM	4") cut width. eed for welding,	\$26,240

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PM310

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
ОТЬ	HER ATTACH	HMENTS (CONT.)		
1	MILL ROTOR	S (Cont.)		
С	567-0885	ROTOR, K FINE - 8 MM	ACTORY FOR AVAILAB 4") cut width. ed for welding,	\$38,030 ILITY
С	567-0888	ROTOR, K COARSE - 18 MM	ACTORY FOR AVAILAB 4") cut width. ed for welding,	\$24,920 ILITY
L	0F-5136	OMISSION, ROTOR	0	NC
1	DISCHARGE	CONVEYOR		
L	572-9763	DISCHARGE CONVEYOR, MECHANICAL Mechanical downward folding discharge conveyor. ONLY FOR USE WITH: 575-4708 PM310 02B CO		\$40,920
L	572-9764	DISCHARGE CONVEYOR, HYD. FOLD	0	\$49,080
	WATER TAN	K GROUND LEVEL FILLING PORT		
Р	381-7333	PORT, FILLING, WATER TANK	0	NC
;	STEERING G	UIDES		
Р	548-3070	GUIDE, STANDARD STEERING	0	NC \$283 NI
	540,0000	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides one standard steering guide with lateral adjudent of pendulum markers.		***
P	548-6908	GUIDE, TELESCOPING STEERING	oint :. CRSION or	NC \$348 NI
1	ROTOR DRIV	E BELT GUARD		
L	578-5682	GUARD, NO ROTOR TURNING DEVICE	luipped	NC

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
отн	IER ATTACH	HMENTS (CONT.)		
F	ROTOR DRIV	E BELT GUARD (Cont.)		
L	577-6336	GUARD, ROTOR TURNING DEVICE	ped LD PLANER	NC
C	GRADE AND	SLOPE CONTROLS		
L	577-2980	Measures grade from the position of side plates, using sensing cylinders. Provides information to machine coperation of grade control.	ng position lisplays for	\$8,880
L	381-7320	ONLY FOR USE WITH: 575-4708 PM310 02B CO. CONTROL, SLOPE	to the chassis. de control. DE and	\$2,090
	machine be in covers a three proper machin on a customer commissionin Paving Technif form	commended that startup and commissioning of acluded as part of the machine sale. The net charge days commissioning event. Trained personnel cover ne setup, basic maintenance, operation and application r's jobsite. To request and schedule a machine g event, dealers will need to contact the Caterpillar ical Training group by filling out the online request dealer.cat.com/PavingOnDemand		
L	0P-2586	COMMISSIONING, NEEDED		\$6,520 NET
	OP-2587	AVAILABLE FOR: AM-N and AM-S COMMISSIONING, NOT NEEDED	only to be used by ents to	NC
FLU	IDS			
C	DIL			
L	381-6481	HYDR. OIL, HYDO ADVANCED 10W	0	NC
L	381-6489	Cat standard hydraulic oil. HYDRAULIC OIL, BIODEGRADABLE	mended	\$2,285
L	381-6523	HYDRAULIC OIL, HIGH AMBIENT Hydraulic synthetic oil is recommended when high a operation is typical for machine. ONLY FOR USE WITH: LANE 3		\$715

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PM310

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

INSTRUCTIONS

DECAL PACKAGES

SERVICE INSTRUCTIONS

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

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PM310

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ELEC	TRICAL			
P	481-8732	LIGHT, HAZARD, CANOPY ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights, bracket moun rotatable, detent pivot base. One strobe is mounted of at the rear of the machine and the other is mounted of the machine at the top of the conveyor. ONLY FOR USE WITH: 381-7316 CANOPY, FOLDI 566-6910 CANOPY, FOLDI	ted on a on the canopy at the front	\$349 NI
P	421-8156	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two LED amber strobe lights: one is mounter adjustable height pole mount on the rear of the machine is mounted at the front of the machine, at the top of the one is a rotatable bracket on a detent pivot base. CANNOT BE USED WITH: 381-7316 CANOPY, FOLDING 566-6910 CANOPY, FOLDING STATES AND	ed to an nine, the other the conveyor	\$925 \$925 NI
P	381-7323	LIGHTS, ROADING AND WORKING	0	\$3,455
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes two front mounted working lights with turn two rear indicator/parking lights that signal, license holder with light and mounting hardware.		\$3,455 NI
Р	394-9642	LAMP, HALOGEN (MAGNETIC)		\$321 NI
Р	381-7330	LIGHT, TRUCK SIGNAL		\$565 \$565 NT
P	569-2838	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Red/Green light to communicate with truck driver. PUMP ACCESSORY DRIVE	Ç	\$565 NI \$620 \$620 NI
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Electro-hydraulic pump to allow for operation of steel elevation and canopy movement with engine power of ONLY FOR USE WITH: 575-4708 PM310 02B COI	ring, ff.	7020 NI
OPER	RATOR ENV	TRONMENT		
0	PERATOR S	STATION		
P	566-6910	CANOPY, FOLDING, HYDRAULIC	0	\$4,970
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Hydraulically folding canopy with extendible side win REQUIRES: 569-2838 PUMP, EMERGENCY ONLY FOR USE WITH: 575-4708 PM310 02B COI		\$4,970 NI
P	577-2997	UMBRELLA. ALSO AVAILABLE ON A MISCELLANEOUS ORDER Includes (1) umbrella to provide operator protection f and rain. Umbrella measures 1372 mm x 1372 mm (is collapsible. Includes support shafts and mounting to be installed on machine at customer discretion. ONLY FOR USE WITH: 575-4708 PM310 02B COI	rom sun (54" x 54") and hardware	\$710 NI

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
OPER	RATOR ENV	IRONMENT (CONT.)		
0	PERATOR S	STATION (Cont.)		
P	381-7324	UMBRELLA	from sun (54" x 54") and g hardware PLANER	\$710 NI
P	555-7680	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Provides a polycarbonate shield that acts as a wind deflector to the operator. ONLY FOR USE WITH: 575-4708 PM310 02B CO	0	\$1,055 \$1,055 NI
OTHE	R ATTACH	IMENTS		
G	RADE AND	SLOPE CONTROLS		
P	509-2523	SENSOR, SONIC, AVERAGING	0 de or inboard. chine grade s. ADE or	\$10,380 \$10,380 NI
P	381-7318	DISPLAY, OPTIONAL, PLFM	0	\$2,895 NI
P	387-9468	DISPLAY, OPTIONAL ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional display (1) with mounting bracket for use level. Order qty 1 maximum		\$2,895 NI
V	ISIBILITY E	NHANCEMENTS		
P	421-8146	REAR CAMERA. ALSO AVAILABLE ON A MISCELLANEOUS ORDER This camera system is used to enhance the operator visibility while operating. The LCD color display is de have a sharp, clear picture with camera mounted or of the machine. NOTE: Mandatory for all EC countries and affiliates	0 's rear esigned to	\$675 \$675 NI

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ОТНЕ	ER ATTACH	IMENTS (CONT.)		
V	ISIBILITY E	NHANCEMENTS (Cont.)		
Р	381-7314	ALSO AVAILABLE ON A MISCELLANEOUS ORDER This camera system is used to enhance the operato visibility while operating. The LCD color display is d have a sharp, clear picture with camera mounted or	0 r's forward lesigned to	\$940 \$940 NI
P	488-5580	of the discharge conveyor. CAMERA, AUX		\$760 NI
P	542-7915	CAMERA, LH DRUM EDGE	0 and side	\$645 \$645 NI
P	551-5925	ALSO AVAILABLE ON A MISCELLANEOUS ORDER Mounted to the right hand side of the machine, this system offers the operator advanced visibility and to of the rotor placement with the ability to adjust the guidance line on the standard console mounted disconsylvants. S75-4708 PM310 02B CO	0 camera racking cut edge play.	\$835 \$835 NI
R	OTOR SERV	/ICING TOOLS		
Р	376-4134	PNEUMATIC BIT REMOVAL TOOL		\$640 NI
P	561-4359	ROTOR TURNING DEVICE	r for	\$3,610
P	381-7326	ONLY FOR USE WITH: 575-4708 PM310 02B CO PNEUMATIC COMPRESSOR SYSTEM	0	\$2,825 \$2,825 NI
P	577-4176	Engine mounted air compressor with hose, tank an EXTRACTOR , TOOL HOLDER	d pressure regulator0 ders which	\$282 NI

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PM310

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
ОТН	IER ATTACH	HMENTS (CONT.)		
4	ADDITIONAL	WATER SPRAYING SYSTEM		
P	421-9634	DUST REDUCTION, ADDITIONAL		\$675
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Additional water spraying system for dust reduction Includes additional spray bars located on the front rear of the pickup conveyor. NOTE: option may be needed for local regulations.	n.	\$675 NI
H	HIGH PRESS	URE WASHDOWN		
L	577-6255	PUMP, WASHING, HIGH PRESSURE		\$5,000
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER High pressure washdown water pump, including (1 15.2 m (50 ft) of hose on reel. ONLY FOR USE WITH: 575-4708 PM310 02B CO) wand with	\$5,000 NI
L	OW PRESSU	URE WASHDOWN		
L	544-2811	WASHDOWN, LOW PRESSURE (HF)		\$1,485
		ALSO AVAILABLE ON A MISCELLANEOUS ORDER Low pressure (high flow) washdown system, includi (1) spray nozzle with 13 m (43 ft) of hose, and a coiled hose storage bracket. Coiled hose storage bracket mounts to the discharge	ing	\$1,485 NI
Λ	MISC ATTAC	CHMENTS		
Р	482-4046	BALLAST KIT	0	\$3,735 \$3,735 NI
P	561-4363	ALSO AVAILABLE ON A MISCELLANEOUS ORDER 510 kg of additional weight for greater milling contr when in deep cuts or when cutting challenging mat Recommended for machines used in a full range ap seeking premium cutting control. HOSE, SUCTION	rol, especially perial. oplications or those	\$312 NI
		ALSO AVAILABLE ON MISCELLANEOUS ORDER Suction hose with strainer for filling the water tank water sources. European standard only. ONLY FOR USE WITH: 381-7332 PORT, FILLING	for alternative	

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PM310

USE REF NO. LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
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FIELD INSTALLED ATTACHMENTS

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

С	522-0118	ROTOR, K STD - 15 MM, FLD
С	567-0886	ROTOR, K FINE - 8 MM, FLD
С	567-0889	ROTOR, K COARSE - 18 MM, FLD

DOCUMENTATION

CERTIFICATES

0E E100	CERTIFICATE OF ORIGIN	0	COO NIETT
0F-5109	CERTIFICATE OF ORIGIN	 U	\$90 NET

PACKING

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

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