

CATERPILLAR MACHINE PRICE LIST

M320F

M320 HYDRAULIC WHEEL EXCAVATOR
 GRENOBLE, FRANCE

Ship Weight
 lbs

LIST PRICE
 AT DEALER

Standard Equipment:

POWERTRAIN

- Engine:
- Cat C7.1, EPA/ARB tier 4 Final and EU
- Stage IV certified engine with
- Aftertreatment
- Altitude capability: 3000m/9842 ft
- Automatic starting aid

UNDERCARRIAGE

- Four wheel drive
- Heavy-duty axles with advanced disc brake system and travel motor with adjustable braking force
- Hydrostatic transmission, two speed
- Automatic lock mode for oscillating front axle & service brake
- Steps including tool boxes, left & right

HYDRAULICS

- Heavy lift mode
- Separate swing pump
- Load sensing hydraulic system

ELECTRICAL

- Alternator, 115 ampere
- Roading lights (two front, two rear)
- Signal/warning horn
- Refueling pump

OPERATOR ENVIRONMENT

- Reinforced cab structure compliant with 2006/42/EC and tested according ISO 12117-2:2008
- Air conditioner heater & defroster
- 24 Volt lighter
- Bolt-on FOGS capability
- Bottom mounted, intermittent, parallel wiper and washer
- Full graphic and full color display
- Interior lighting with door switch
- Joysticks, pilot operated
- Left side console, tiltable, with lock-out for all controls
- FM radio incl speakers
- Power supply, 12V-10A
- Steering column, adjustable angle & height
- Sunshade for windshield and skylight
- Cruise control system
- Pin code type engine start prevention
- RHS and rear view camera (incl.lights) displayed on additional cab monitor

OTHER STANDARD EQUIPMENT

- BLCV including overload warning device
- SLCV
- VA booms include FLCV
- Automatic swing brake
- Capability to add auxiliary hydraulic circuits
- Caterpillar datalink and electronic technician capability

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**Lane 2 is reserved for the Base Order Management program.
 Please only use Lane 2 when placing orders that are part of the Base
 Order Management Program.**

**2018 YOY list price reductions will be offset by reductions
 in discounts or merchandising support.**

543-4204	M320F WHL HEX AM-N DCA1 0	\$324,590
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LANE 1 - AVAILABLE FROM BALTIMORE PDC

Maximum lifting forces for contractors and county work:
 4 stabilizers, VA boom, 9'2" stick, high & medium pressure
 and pin grabber lines, tool control, joystick steering ,
 B linkage compatible.

The following attachments MUST be selected from Lane 1
 Mandatory section : 0P9001 , 0G9240 .
 Undercarriage attachments are welded on and are therefore
 permanent part of the lower frame. It is not possible to
 add/remove or to change any outrigger or blade undercarriage

- INCLUDES:
- 501-3121 M320F WHEEL EXCAVATOR
 - 503-4943 BOOM, VA, A-LUBE
 - 503-2179 STICK, 2.8M , A-LUBE (9'2")
 - 423-0708 UC OUT. FRONT & REAR
 - 373-6030 SEAT COMFORT W/51 MM SEAT BELT (2")
 - 489-2995 CAB, 70/30
 - 374-5098 WIPER, 70/30
 - 474-7221 TIRES, MITAS 10.00-20 DUAL
 - 123-4801 PIN, BUCKET, ADJ
 - 383-3964 PEDAL, HPF/HAMMER
 - 422-9762 BEACON, ROTATING, REMOVABLE
 - 433-5666 COUNTERWEIGHT, 4200 KG (9258 LBS)
 - 423-0668 BLCV, VA
 - 435-5726 SPEED 35 KPH (21.7 MPH)
 - 434-6352 CONTROL, JOYSTICK STEERING
 - 432-6342 COOLING SYSTEM, STANDARD
 - 435-5720 HYDRAULIC OIL, MINERAL
 - 454-2156 STEPS, UC
 - 459-6004 PRODUCT LINK, CELLULAR PL641
 - 473-2982 DECALS, NORTH AMERICA (ANSI)
 - 491-1065 MIRROR, VA/MH
 - 491-8396 LIGHTS, LED
 - 492-8468 CONTROLLER, ELECTRONIC XL
 - 494-0903 SETTING, QC CTRL, PIN GRABBER
 - 497-1005 JOYSTICK, 1-SLIDER
 - 505-5366 ALARM, BACK-UP
 - 510-9701 CONTROL, 1PC & VA
 - 509-9866 JOYSTICK PATTERN, CHANGEABLE

NOTE: Please refer to the Lane 1 section to complete your order.

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512-3080 M320F WHL HEX AM-N DCA3 0 LANE 1 - AVAILABLE FROM BALTIMORE PDC		\$319, 820
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Versatility for contractors and county work:
 Blade front, stabilizers rear, VA boom, 9'2" stick, high &
 medium pressure and pin grabber lines, tool control,
 joystick steering , B linkage compatible.

The following attachments **MUST** be selected from Lane 1
 Mandatory section : 0P9001 , 0G9240 .
 Undercarriage attachments are welded on and are therefore
 permanent part of the lower frame. It is not possible to
 add/remove or to change any outrigger or blade undercarriage

- INCLUDES:
- 501-3121 M320F WHEEL EXCAVATOR
 - 503-4943 BOOM, VA, A-LUBE
 - 503-2179 STICK, 2.8M , A-LUBE (9'2")
 - 423-0706 UC BLADE FRONT/ OUT.REAR
 - 373-6030 SEAT COMFORT W/51 MM SEAT BELT (2")
 - 489-2995 CAB, 70/30
 - 374-5098 WIPER, 70/30
 - 474-7221 TIRES, MITAS 10.00-20 DUAL
 - 123-4801 PIN, BUCKET, ADJ
 - 383-3964 PEDAL, HPF/HAMMER
 - 422-9762 BEACON, ROTATING, REMOVABLE
 - 433-5666 COUNTERWEIGHT, 4200 KG (9258 LBS)
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 - 434-6352 CONTROL, JOYSTICK STEERING
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 - 505-5366 ALARM, BACK-UP
 - 510-9701 CONTROL, 1PC & VA
 - 509-9866 JOYSTICK PATTERN, CHANGEABLE

NOTE: Please refer to the Lane 1 section to complete your order.

501-3121 M320F WHEEL EXCAVATOR 0 LANE 2 - AVAILABLE FROM GRENOBLE FACTORY LANE 3 - AVAILABLE FROM GRENOBLE FACTORY AVAILABLE FOR: AM-N, EU, ISRAEL, ANZ-A		\$230, 050
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0G-0391 M320F MISCELLANEOUS MATERIAL 0 AVAILABLE FROM GRENOBLE 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 1	Ship Weight lbs	LIST PRICE AT DEALER
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LANE 1 AM-NORTH MANDATORY ATTACHMENTS

Lane selection

Mandatory with Baltimore DCA3:

0P-9001	LANE 1 ORDER	0		NC
0G-9240	COMPLETE STORAGE PROTECTION Includes CILIX and foam protection on all cylinders Machines from the factory have been sprayed with Fluid Film TM. This product is added for corrosion protection while shipping and for extended storage periods. This product will need to be power washed with soapy water prior to shipment to the customer. Cilix AND foam protection on all cylinders are also included in this storage protection procedure. Includes operator protections in cab Required for: Shipping by sea from Grenoble France Recommended for: all type of long distance shipment	0		\$377 NET

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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

BOOMS, STICKS, AND LINKAGES

BOOM ARRANGEMENTS FOR STANDARD STICKS

L	503-4078	BOOM, 1PC, A-LUBE	0	\$38,170
		Includes: Cab controlled Automatic Lubrication System for front linkage and swing bearing. High pressure 2-way tool control circuit boom lines. Medium pressure auxiliary hydraulic circuit boom lines. CW & Pin Grabber Quick Coupler control boom lines. One piece boom 5.35M / 17' 7" ONLY FOR USE WITH: LANE 3 ONLY CANNOT BE USED WITH: Drop nose stick		
L	503-4943	BOOM, VA, A-LUBE	0	\$41,620
		Includes: Cab controlled Automatic Lubrication System for front linkage and swing bearing. High pressure 2-way tool control circuit boom lines. Medium pressure auxiliary hydraulic circuit boom lines. CW & Pin Grabber Quick Coupler control boom lines. Two piece boom 5.26M / 17' 3" CANNOT BE USED WITH: Drop nose stick		

STANDARD STICK ARRANGEMENTS INCLUDING BUCKET LINKAGE

Includes:
 Bucket linkage and cylinder.
 High pressure auxiliary hydraulic circuit stick lines.
 Medium pressure auxiliary hydraulic circuit stick lines.
 With CVC type quick disconnect couplings.
 Quick coupler control stick lines.
 Automatic Lubrication System stick lines.

L	503-2180	STICK, 8'2", A-LUBE	0	\$14,900
		Standard Stick ONLY FOR USE WITH: Boom Arrangement for standard sticks		
L	503-2179	STICK, 9'2", A-LUBE	0	\$15,290
		Standard Stick ONLY FOR USE WITH: Boom Arrangement for standard sticks		

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BOOMS, STICKS, AND LINKAGES (CONT.)

SMARTBOOM & RIDE CONTROL

The Ride Control feature improves operator comfort by reducing machine bouncing when travelling. Smartboom eases operations and improves operator comfort. It is useful and recommended for Hammering, Rock-cleaning and smooth leveling.

Includes:

Boom lowering control device, reducing boom drift, and overload warning device, which signals a hydraulic overload with an acoustical warning in the cab.

L	423-0674	RIDE CONTROL, 1PC 0 Arrangement including Ride Control & BLCV Note: Smartboom not included ONLY FOR USE WITH: One piece boom (1PC) LANE 3 ONLY CANNOT BE USED WITH: Drop nose stick		\$4,290
L	423-0671	RIDE CONTROL, VA 0 Arrangement including Ride Control & BLCV Note: Smartboom not included ONLY FOR USE WITH: Two piece boom (VA) CANNOT BE USED WITH: Drop nose stick		\$5,430
L	423-0686	RC, 1PC INCL. SMARTBOOM 0 Arrangement including Ride Control & BLCV Includes: Smartboom ONLY FOR USE WITH: One piece boom (1PC) LANE 3 ONLY CANNOT BE USED WITH: Drop nose stick		\$7,120
L	423-0683	RC, VA INCL. SMARTBOOM 0 Arrangement including Ride Control & BLCV Includes: Smartboom ONLY FOR USE WITH: Two piece boom (VA) CANNOT BE USED WITH: Drop nose stick		\$8,250
L	435-7592	BLCV, 1PC 0 Arrangement without Ride Control Note: Smartboom not included ONLY FOR USE WITH: One piece boom (1PC) LANE 3 ONLY		NC
L	423-0668	BLCV, VA 0 Arrangement without Ride Control Note: Smartboom not included ONLY FOR USE WITH: Two piece boom (VA)		\$1,135

POWERTRAIN

TRAVEL SPEED

L	440-3565	SPEED 12.4 MPH 0 Travel speed 20kph / 12.4mph CANNOT BE USED WITH: Cooling Package Fine Mesh		NC
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POWERTRAIN (CONT.)

TRAVEL SPEED (Cont.)

L	435-5726	SPEED 21.7 MPH 0 Travel speed 35kph / 21,7mph CANNOT BE USED WITH: Cooling Package Fine Mesh Solid Rubber Tires		NC
L	425-0167	SPEED 12.4 MPH, FINE MESH 0 Travel speed 20kph / 12.4mph ONLY FOR USE WITH: Cooling Package Fine Mesh		NC
L	440-3567	SPEED 21.7 MPH, FINE MESH 0 Travel speed 35kph / 21,7mph ONLY FOR USE WITH: Cooling Package Fine Mesh CANNOT BE USED WITH: Solid Rubber Tires		NC

UNDERCARRIAGE

UNDERCARRIAGE ARRANGEMENTS

NOTE: Undercarriage attachments are welded on and are therefore a permanent part of the machine. It is not possible to add or change dozer blade or outrigger attachments.

Standard Axle Arrangements

Axle width 2.5M / 8' 2"

L	423-0706	UC BLADE FRONT/ OUT.REAR 0 Includes: Welded undercarriage Outriggers rear Parallel blade front remote greasing (width: 2.55M / 8' 4") Axle width 2.5M / 8' 2"		\$21,260
L	503-4255	UC BLADE FRONT / OUT. REAR, TR 0 Includes: Welded heavy duty undercarriage Trailer Preparation(Bracket for trailer hook at outrigger, electrical & hydraulic ports at undrecarriage) Outriggers rear Parallel blade front remote greasing (width: 2.55M / 8' 4") Axle width 2.5M / 8' 2"		\$28,170
L	423-0707	UC OUT.FRONT / BLADE REAR 0 Includes: Welded undercarriage Outriggers front Parallel blade rear remote greasing (width: 2.55M / 8' 4") Axle width 2.5M / 8' 2"		\$21,960
L	423-0708	UC OUT. FRONT & REAR. 0 Includes: Welded undercarriage Outriggers front Outriggers rear Axle width 2.5M / 8' 2"		\$26,030

Wide Axle Arrangements

Axle width 2.69M / 8' 10"

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UNDERCARRIAGE (CONT.)

STEPS & FENDERS

L	454-2156	STEPS, UC 0		\$256
		Uppercarriage access steps with integrated toolbox.		
L	455-7169	STEPS, UC, INCL. FENDERS 0		\$2,705
		Uppercarriage access steps with integrated toolbox. Includes: One set of four fenders reducing dirt and water spray from tires onto machine.		

TIRES

DUAL TIRES

L	474-7221	TIRES, MITAS 10.00-20 DUAL 0		\$1,820
		MITAS NB38, BIAS (DIAGONAL/CROSS PLY), PR16. Spacer rings are included.		
L	478-6660	TIRES, MITAS EM23 10.00-20 DUAL 0		\$2,900
		MITAS EM23, BIAS (DIAGONAL/CROSS PLY), PR16. Higher resistance to puncture and tread wear due to higher filling of tread area. Special tread pattern for stony and hard terrain. Spacer rings are included.		
L	474-7226	TIRES, SOLID RUB. 10.00-20 DUAL 0		\$16,160
		SOLID RUBBER Tires for industrial applications. Spacer rings are included. REQUIRES: 20kph / 12.4mph travel speed		
L	474-7236	TIRES, BRIDGEST. 11.00-20 DUAL 0		\$6,180
		BRIDGESTONE FG, PR16 (DIAGONAL/CROSS PLY) The FG's separate lugs are tapered for greater traction and self cleaning, resulting in an easier drive through heavy dirt and mud. Spacer rings are included. CANNOT BE USED WITH: Axles, wide		

SINGLE TIRES

L	253-1634	TIRES, MICH. 18R19.5 XF SINGLE 1,349		\$6,580
		MICHELIN XF 445/70R 19.5 Radial single tire with aggressive directional tread designed to deliver exceptional traction and performance.		

HYDRAULICS

MEDIUM PRESSURE AUXILIARY HYDRAULIC CONTROLS

L	431-8615	CONTROL, MPF 0		\$1,280
		Provides medium pressure circuit for tool rotation/tilt.		

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HYDRAULICS (CONT.)

MEDIUM PRESSURE AUXILIARY HYDRAULIC CONTROLS (Cont.)

L	434-6352	CONTROL, JOYSTICK STEERING 0		\$3,395
		Provides medium pressure circuit for tool rotation/tilt. Enables steering of the machine while travelling in first gear by using the sliding switch on the right hand joystick. Includes: Auxiliary medium pressure control circuit		

OPERATOR ENVIRONMENT

CAB WINDSHIELD

L	486-0957	CAB, 1-PC 0		NC
		Fixed, one piece laminated glass windshield (10MM / 0.4", EN356 P5A) Laminated glass top window (10MM / 0.4", EN356 P5A). Tempered glass side & rear windows.		
L	489-2995	CAB, 70/30 0		NC
		Openable, 70/30 split, laminated glass windshield (Tempered glass lower window 4MM / 0.16" Laminated glass upper window 7MM / 0.28") Laminated glass top window and tempered glass side and rear windows.		

WINDSHIELD WIPER

L	374-5097	WIPER, 1-PC 0		NC
		ONLY FOR USE WITH: 1-PC windshield		
L	374-5098	WIPER, 70/30 0		NC
		ONLY FOR USE WITH: 70/30 windshield		

SEATS & SEAT-BELTS

Comfort Seat

L	373-6030	SEAT COMFORT W/2" SEAT BELT 0		\$830
		The Comfort Seat features vertical air suspension (low-frequency), horizontal suspension, automatic weight adjustment, mechanical lumbar support, passive climate system, seat cushion length and angle adjustment and a seat heater. Includes: 2"/51mm retractable seat belt		
L	393-1386	SEAT COMFORT W/3" SEAT BELT 0		\$830
		The Comfort Seat features vertical air suspension (low-frequency), horizontal suspension, automatic weight adjustment, mechanical lumbar support, passive climate system, seat cushion length and angle adjustment and a seat heater. Includes: 3"/76mm retractable seat belt		

Deluxe Seat

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OPERATOR ENVIRONMENT (CONT.)

SEATS & SEAT-BELTS (Cont.)

L	377-4501	SEAT DELUXE W/2" SEAT BELT 0 The Deluxe Seat features vertical air suspension (low-frequency), horizontal suspension, automatic height & weight adjustment, active climate system (two step heating & body sweat removal), premium microfibre seat fabric, pneumatic lumbar support, seat cushion length and angle adjustment and adjustable dampening. Includes: 2"/51mm retractable seat belt		\$2,495
L	393-1387	SEAT DELUXE W/3" SEAT BELT 0 The Deluxe Seat features vertical air suspension (low-frequency), horizontal suspension, automatic height & weight adjustment, active climate system (two step heating & body sweat removal), premium microfibre seat fabric, pneumatic lumbar support, seat cushion length and angle adjustment and adjustable dampening. Includes: 3"/76mm retractable seat belt		\$2,495

AUXILIARY HYDRAULIC PEDAL

SELECT ONE:

L	261-3608	NO PEDAL 2 Floorboard cover required if HPF/Hammer pedal is not selected.		NC
L	383-3964	PEDAL, HPF/HAMMER 0 HPF/Hammer Pedal allows secondary operation of auxiliary high pressure control circuit in addition to the standard slider control on the right joystick. CANNOT BE USED WITH: Drop nose stick		\$1,015

HYDRAULIC JOYSTICK PATTERN

L	509-9866	JOYSTICK PATTERN, CHANGEABLE 0 Provides ability to change from the standard excavator joystick control pattern (SAE) for hydraulic functions to the backhoe joystick control pattern (ISO).		\$930
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HYDRAULIC JOYSTICK

SELECT ONE:

L	497-1005	JOYSTICK, 1-SLIDER 0 Provides standard joysticks with 1 slider and 4 buttons.		NC
L	488-1890	JOYSTICK, 2-SLIDER 0 Provides enhanced joysticks with 2 sliders and 5 buttons.		\$1,245

Control Main Valve

L	510-9701	CONTROL, 1PC & VA 0 Implement Control Valve including 2 way tool control. ONLY FOR USE WITH: Boom Arrangements for standard sticks		NC
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Supersedes 02JAN2018
 Caterpillar: Confidential Green
 US-A-19-01 A

Subject to change without notice
 Printed in USA
 U. S. DOLLAR CURRENCY

Effective 02JAN2019
 M320F-010

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OPERATOR ENVIRONMENT (CONT.)

CONTROLLERS

L	337-5820	CONTROLLER, ELECTRONIC 0 Provides a control unit to activate and control electrical functions of hydraulic components. CANNOT BE USED WITH: Ride Control, Joystick Steering 2nd High Pressure Control, Smartboom		NC
L	492-8468	CONTROLLER, ELECTRONIC XL 0 Provides a control unit to activate and control electrical functions of hydraulic components. ONLY FOR USE WITH: Ride Control, Joystick Steering 2nd High Pressure Control, Smartboom		NC

TECHNOLOGY PRODUCTS

PRODUCT LINK COMMUNICATIONS

Product Link enables the remote transmission of information about the 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 contact your Cat marketing representative with questions.

L	459-6004	PRODUCT LINK, CELLULAR PL641 0 Product Link Pro series PL641 uses UMTS and CDMA 3G cellular networks 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	459-6005	PRODUCT LINK, SATELLITE PL631 0 Product Link Pro series PL631 uses 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.		\$432

SAFETY AND SECURITY

LIGHTING/ CAB GUARD

Arrangements without Cab Guard

L	491-8396	LIGHTS, LED 0 Provides LED type cab working lights Includes cab rain visor.		NC
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Arrangements Including Cab Guard

L	491-8397	FOGS, LED 0 Provides LED type cab working lights Includes cab guards front and roof.		\$4,740
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SAFETY AND SECURITY (CONT.)

MIRRORS

L	489-4672	MIRROR, ELECTRIC, VA/MH 0 Provides rearview mirrors on cab and on RH side of machine. Heated Mirrors adjustable from Cab ONLY FOR USE WITH: Two piece booms (VA & Offset)		\$990
L	489-4673	MIRROR, ELECTRIC, 1PC 0 Provides rearview mirrors on cab and on RH side of machine. Heated Mirrors adjustable from Cab ONLY FOR USE WITH: One piece booms LANE 3 ONLY		\$990
L	491-1065	MIRROR, VA/MH 0 Provides rearview mirrors on cab and on RH side of machine. ONLY FOR USE WITH: Two piece booms (VA & Offset)		NC
L	491-1066	MIRROR, 1PC 0 Provides rearview mirrors on cab and on RH side of machine. ONLY FOR USE WITH: LANE 3 ONLY One piece booms		NC

COOLING

COOLING PACKAGE

L	432-6342	COOLING SYSTEM, STANDARD 0		NC
L	432-6346	COOLING SYSTEM, FINE MESH 0 Provides improved protection to the radiator, the ATAAC, the A/C condenser to prevent clogging, when working with the machine in dusty environments. Includes an additional engine air pre-cleaner.		\$905

FRAMES

COUNTERWEIGHTS

L	433-5665	COUNTERWEIGHT, 8156 LBS 0 Standard Counterweight 3700KG / 8150LBS		\$735
L	433-5666	COUNTERWEIGHT, 9258 LBS 0 Heavy Counterweight 4200KG / 9250LBS Not allowed for roading in certain territories as axle load exceeds 12 tons. CANNOT BE USED WITH: DBS CERTIFICATE, GERMANY		\$830

FLUIDS

LUBRICATIONS

L	435-5720	HYDRAULIC OIL, MINERAL 0 Filling with Cat HYDO Advanced 10 oil		NC
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INSTRUCTIONS

INTERNATIONAL INSTRUCTIONS

L	473-2982	DECALS, NORTH AMERICA (ANSI) 0		NC
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PACKING

EXPORT PACKING

OG-9240	COMPLETE STORAGE PROTECTION	0		\$377 NET
	Includes CILIX and foam protection on all cylinders Machines from the factory have been sprayed with Fluid Film TM. This product is added for corrosion protection while shipping and for extended storage periods. This product will need to be power washed with soapy water prior to shipment to the customer. Cilix and foam protection on all cylinders are also included in this storage protection procedure. Includes operator protections in cab Required for: Shipping by sea from Grenoble France Recommended for: all type of long distance shipment			

CATERPILLAR MACHINE PRICE LIST

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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
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UNDERCARRIAGE

UNDERCARRIAGE ATTACHMENTS

L	538-2520	BRACKET, WIDE AXLE FENDERS 0		NC
		Provides adapters to align steps with outside of tires of Wide Axle Undercarriage Arrangements. REQUIRED BY : Fenders if axle wide ONLY FOR USE WITH: 455-7169 & 423-0710 or 423-0709		

HYDRAULICS

SECOND HIGH PRESSURE HYDRAULIC CIRCUIT CONTROL GROUP

Provides additional two way high or medium pressure function for worktools requiring additional hydraulic circuits for tilting or rotating, such as tilt-rotators.
Must order control and stick lines to complete auxiliary circuit.

REQUIRES 2-SLIDER JOYSTICK

If CAT TILTROTATOR SUPPORT is selected ,2ND HPF Control will be optimized for usage with a Cat Tiltrotator.In this case only one way flow with minimized return line back pressure will be provided

L	509-9879	CONTROL, 2ND HPF, 1PC 0		\$6,060
		Second high pressure control valve. ONLY FOR USE WITH: One piece boom & 2 slider joystick LANE 3 ONLY CANNOT BE USED WITH: Drop nose sticks		
L	509-9880	CONTROL, 2ND HPF, VA 0		\$5,750
		Second high pressure control valve. ONLY FOR USE WITH: Two piece boom (VA)& 2 slider joystick CANNOT BE USED WITH: Drop nose sticks		

Second High Pressure Hydraulic Circuit Stick Lines

Must order stick lines to complete auxiliary circuit.

L	251-7918	LINES, 2ND HPF, 8'2" STICK 24		\$800
		Second high pressure lines for stick 2.5M / 8' 2". REQUIRED BY: CONTROL 2ND HPF		
L	251-7919	LINES, 2ND HPF, 9'2" STICK 26		\$905
		Second high pressure lines for stick 2.8M / 9' 2". REQUIRED BY: CONTROL 2ND HPF		

Couplings Circuit

P	176-6765	COUPLING, QUICK DISC MPF DC 2		\$335 NI
		Provides adapters (CVC type coupling to internal thread M22 x 1.5) for stick lines medium pressure, side (bucket tilt)		

CATERPILLAR MACHINE PRICE LIST

M320F

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
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HYDRAULICS (CONT.)

QUICK COUPLER CONTROL SETTINGS

L	494-0903	SETTING, QC CTRL, PIN GRABBER 0 Provides control strategy and pressure settings appropriate for Cat Pin Grabber quick coupler. CANNOT BE USED WITH: Drop nose stick, CW-type quick coupler, Cat tilt rotator support		NC
L	501-6515	CAT TILTROTATOR SUPPORT 0 Activation of cat tilt rotator support Includes modification of 2nd HPF Control to provide only one way flow with minimized return line back pressure. ONLY FOR USE WITH: CONTROL, 2ND HPF and 2-SLIDER JOYSTICK CANNOT BE USED WITH: SETTING, QC CTRL, PIN GRABBER		\$2, 670

ELECTRICAL

ALARM

L	505-5366	ALARM, BACK-UP 0 REQUIRED BY: USA & Canada dealers Acoustical warning signal when moving the machine .		\$735
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SAFETY AND SECURITY

BEACON

L	422-9762	BEACON, ROTATING, REMOVABLE 0 Orange beacon light with cable and magnet foot.		\$295
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Machine Security System

L	422-9723	SECURITY SYSTEM, MACHINE 0 Advanced, programmable system to manage access to machine. Requires special Machine Security System keys. Machine shipped with system inactive but with two of these keys already programmed into system. Requires Caterpillar Service Tool Electronic Technician (ET) to activate and to program system for additional keys. Additional keys available through Parts Distribution.		\$1, 410
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BUCKETS

BUCKET RETENTION PINS

Note: PIN, BUCKET, TDP bucket retention pins are not compatible with pin-on CAT Tilt-Rotator System (TRS) models.
 If the machine will be equipped with a pin-on TRS model please select PIN, BUCKET, ADJ.

P	123-4801	PIN, BUCKET, ADJ 95 "ALSO AVAILABLE ON A MISCELLANEOUS ORDER" CANNOT BE USED WITH: Drop nose sticks	95	\$356 \$356 NI
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CATERPILLAR MACHINE PRICE LIST

M320F

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
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BUCKETS (CONT.)

BUCKET RETENTION PINS (Cont.)

EXCAVATION BUCKETS (CW Coupler Buckets)

These buckets cannot be ordered with MISC Material Order. Dealers in AM-N can place miscellaneous bucket orders by consulting Cat Work Tools at 1-800- 255-2372 for bucket options, availability and appropriate ordering instructions.

FIELD INSTALLED ATTACHMENTS

KIT FOR FIELD INSTALLATION

Not Installed Attachments

Please contact Product Group if further details are required.

L	473-7060	KIT, CAB GUARD, FOGS 0 Provides cab guards front and top for field installation. "ALSO AVAILABLE ON A MISCELLANEOUS ORDER"		\$4,885 NI
L	487-0165	KIT, COOLING, WASTE HANDLING 0 Provides reversible fan and radiator screen vibration functionality to prevent radiator clogging in dusty environments. Includes engine air precleaner. "ALSO AVAILABLE ON A MISCELLANEOUS ORDER"		\$9,060 NI

PACKING

EXPORT PACKING

	0G-3565	PACKING -SEA/TRUCK MISC.MATER.. 0 ONLY FOR USE WITH: only with Not installed Misc.Mater (Ni)		\$217 NET
	0G-3561	PACKING - SEA/TRUCK BH BUCKET 0 ONLY FOR USE WITH: Only with Not installed bucket (Ni)		\$283 NET