M322F

M322F 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

Beverage cup/can holder 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

Storage compartment suitable for a lunch box

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

Supersedes 02JAN2021 Caterpillar: Confidential Green US-A D

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U. S. DOLLAR CURRENCY

Effective 20FEB2021 M322F-001

M322F

M322F HYDRAULIC WHEEL EXCAVATOR GRENOBLE, FRANCE

Ship Weight lbs LIST PRICE AT DEALER

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.

\$373,830

LANE 1 - AVAILABLE FROM BALTIMORE PDC

Versatility for contractors and county work: Blade front, stabilizers rear, VA boom, 9'6" 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:

501-3122 M322F WHEEL EXCAVATOR

503-4944 BOOM, VA, A-LUBE

503-2178 STICK, 2.9 M (9'6"), A-LUBE

477-2417 UC BLADE FRONT/ OUT.REAR

583-6608 ENGINE, EU

373-6030 SEAT COMFORT W/51 (W/2") SEAT BELT

489-2995 CAB, 70/30

123-4801 PIN, BUCKET, ADJ

374-5098 WIPER, 70/30

383-3964 PEDAL, HPF/HAMMER

422-9762 BEACON, ROTATING, REMOVABLE

423-0669 BLCV, VA

434-2731 COOLING SYSTEM, STANDARD

440-3569 SPEED 30 KPH (18.6 MPH)

485-2364 COUNTERWEIGHT, 4700 Kg (10350 LBS)

454-2157 STEPS, UC

459-6004 PRODUCT LINK, CELLULAR PL641

465-7062 HYDRAULIC OIL, MINERAL

465-7065 CONTROL, JOYSTICK STEERING

473-2982 DECALS, NORTH AMERICA (ANSI)

474-7231 TIRES, MITAS 11.00-20 DUAL

491-1065 MIRROR, VA/MH

491-8396 LIGHTS, LED

492-8471 CONTROLLER, ELECTRONIC XL

494-0903 SETTING, QC CTRL, PIN GRABBER

497-1005 JOYSTICK, 1-SLIDER

505-5366 ALARM, BACK-UP

509-9870 JOYSTICK PATTERN, CHANGEABLE

510-9702 CONTROL, 1PC & VA

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

LANE 2 - AVAILABLE FROM GRENOBLE FACTORY LANE 3 - AVAILABLE FROM GRENOBLE FACTORY

AVAILABLE FOR: AM-N, EU, ISRAEL, ANZ-A

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M322F

M322F HYD	RAULIC WHEEL EXCAVATOR	Ship Weight	LIST PRICE
GRENOBLE,	FRANCE	Ibs	AT DEALER
0G-0545	M322F MISCELLANEOUS MATERIAL	0	NC

Only reference numbers that have the text "ALSO AVAILABLE ON A MISCELLANEOUS ORDER" can be used on a Misc order.

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Effective 20FEB2021 M322F-003

M322F

	DEE		
	REF	LANE 1 MANDATORY Ship Weight	LIST PRICE
USE	NO.	LANE I WANDATORY lbs	T DEALER

LANE 1 AM-NORTH MANDATORY ATTACHMENTS

Mandatory ATT with M322F ADSD-N DCA1, ADSD-N DCA3

0P-9001 NC

0G-9240 \$389 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

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Effective 20FEB2021 M322F-004

M322F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	SELECTIO	N		
	0P-9002	LANE 2 ORDER	0 ment (ROM) program	NC
	0P-9003	LANE 3 ORDER		NC
REGI	ONAL PACI	KAGES		
El	V <i>GINE</i>			
L	583-6608	ENGINE, EU	0 ALIA dealers	NC
BOO	MS, STICKS	S, AND LINKAGES		
B	OOM ARRA	NGEMENTS		
L	503-4079	BOOM, 1PC, A-LUBE Arrangements for standard sticks 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 5.65M / 18' 6" ONLY FOR USE WITH: LANE 3 ONLY	nes.	\$4 5,050
L	503-4944	BOOM, VA, A-LUBE Arrangements for standard sticks 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 line CW & Pin Grabber Quick Coupler control boom lines Two piece boom 5.49M / 18'	nes.	\$49,840
S	TICK ARRA	NGEMENTS		
L	503-2185	STICK, 8'2", A-LUBE Standard sticks including Bucket Linkage Includes: Bucket linkage and cylinder. High pressure auxiliary hydraulic circuit stick lines. Medium pressure auxiliary hydraulic circuit stick line With CVC type quick disconnect couplings. Quick coupler control stick lines. Automatic Lubrication System stick lines.		\$16,330

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M322F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
BOOI	MS, STICKS	S, AND LINKAGES (CONT.)		
S	TICK ARRA	NGEMENTS (Cont.)		
L	503-2178	STICK, 9'6", A-LUBE Standard sticks including Bucket Linkage Includes: Bucket linkage and cylinder. High pressure auxiliary hydraulic circuit stick lines. Medium pressure auxiliary hydraulic circuit stick line With CVC type quick disconnect couplings. Quick coupler control stick lines.		\$16,840

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.

Automatic Lubrication System stick lines.

L 423-0687	RC, 1PC INCL. SMARTBOOM	\$7,340
	ONLY FOR USE WITH: One piece boom (1PC) LANE 3 ONLY	
L 423-0684	RC, VA INCL. SMARTBOOM	\$8,500
L 471-1544	BLCV, 1PC	NC
L 423-0669	BLCV, VA	\$1,175
L 423-0678	BLCV, 1PC INCL. SMARTBOOM	\$2,910
L 423-0681	BLCV, VA INCL. SMARTBOOM	\$4,080

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M322F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
POW	ERTRAIN			
T.	ARVEL SPE	ED		
L	440-3568	SPEED 12.4 MPH		NC
-	440-3569	SPEED 18.6 MPH	0	NC
-	440-3571	SPEED 12.4 MPH, FINE MESH Travel speed 20kph / 12.4mph ONLY FOR USE WITH: Cooling Package Fine Mesh		NC
-	452-4478	SPEED 18.6 MPH, FINE MESH	0	NC
UND	ERCARRIAC	GE .		
U	NDERCARR	NAGE ARRANGEMENTS		
	perr	lercarriage attachments are welded on and are therefore manent part of the machine.It is not possible to add or cl er blade or outrigger attachments.		
L	477-2417	UC BLADE FRONT/ OUT.REAR		\$23,260
-	465-7058	Standard Axle width 2.69M / 8' 10" UC OUT.FRONT / BLADE REAR		\$23,990
-	465-7060	UC OUT. FRONT & REAR. Includes: Welded undercarriage Outriggers front Outriggers rear Standard Axle width 2.69M / 8' 10"	0	\$28,260
S	TEPS			
_	454-2157	STEPS, UC	0	\$264
	455-7068	Uppercarriage access steps with integrated toolbox.	0	\$2,785

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Effective 20FEB2021 M322F-007

M322F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICI AT DEALER
UNDE	ERCARRIAC	GE (CONT.)		
TI	RES			
DUAL	TIRES			
L	474-7226	TIRES,SOLID RUB.10.00-20 DUAL	0	\$14,840
L	474-7228	TIRES, BRIDGEST. 11.00-20 DUAL. 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.	n	\$5,320
L	474-7231	TIRES, MITAS 11.00-20 DUAL	0	\$1,550
HYDF	RAULICS			
M	EDIUM PRE	ESSURE AUXILIARY HYDRAULIC CONTROLS		
L	431-8616	CONTROL, MPF		\$1,320
L	465-7065	Provides medium pressure circuit for tool rotation/tile CONTROL, JOYSTICK STEERING	0 t. st	\$3,495
OPER	ATOR ENV	TRONMENT		
C	AB WINDSI	HIELD		
L	489-2995	CAB, 70/30	0	NC
W	INDSHIELD) WIPER		
L	374-5098	WIPER, 70/30	0	NC
Se	eats & Seat	t-Belts		

Comfort Seat

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Effective 20FEB2021 M322F-008

M322F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
OPEF	RATOR ENV	IRONMENT (CONT.)		
Se	eats & Seat	-Belts (Cont.)		
L	373-6030	SEAT COMFORT W/2" SEAT BELT	w-frequency), , mechanical	\$855
L	393-1386	SEAT COMFORT W/3" SEAT BELT The Comfort Seat features vertical air suspension (low horizontal suspension, automatic weight adjustment lumbar support, passive climate system, seat cushio and angle adjustment and a seat heater Includes: 3"/76mm retractable seat belt	w-frequency), , mechanical	\$855
Delux	e Seat	monados, o , , omm readecaste seat sete		
L	377-4501	SEAT DELUXE W/2" SEAT BELT	-frequency), justment, removal),premium	\$2,570
L	393-1387	SEAT DELUXE W/3" SEAT BELT	r-frequency), justment, removal),premium	\$2,570
A	uxiliary Hyd	draulic Pedal		
_	261-3608	NO PEDAL		NC
L	383-3964	Floorboard cover required if HPF/Hammer pedal is n PEDAL, HPF/HAMMER	0	\$1,045
H_{2}	ydraulic Jo	ystick Pattern		
L	509-9870	JOYSTICK PATTERN, CHANGEABLE	or	\$960
H	ydraulic Jo	ystick		
L	497-1005	JOYSTICK, 1-SLIDER		NC
L	488-1890	Provides standard joysticks with 1 slider and 4 butto JOYSTICK, 2-SLIDER	0	\$1,285

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
OPER	ATOR ENV	IRONMENT (CONT.)		
C	ONTROL M	AIN VALVE		
-	510-9702	CONTROL, 1PC & VA		NC
C	ONTROLLE	RS		
-	337-5820	CONTROLLER, ELECTRONIC	al functions ng	NC
-	492-8471	CONTROLLER, ELECTRONIC XL	0 al functions ng	NC
ГЕСН	INOLOGY F	PRODUCTS		
PF	RODUCT LI	NK COMMUNICATIONS		
the location in the location i	cation, oper ently and eff p keep your e the costs (les the remote transmission of information about tation, and condition of your equipment. ectively monitor performance of your assets jobs on schedule, maintain equipment condition, a of owning and operating your fleet. by country. Please contact your Cat marketing questions.		
L	459-6004	PRODUCT LINK, CELLULAR PL641	. 3G cellular n information	NC
-	459-6005	PRODUCT LINK, SATELLITE PL631	to transmit ing in Product	\$446
SAFE	TY AND SI	ECURITY		
LI	GHTING / (CAB GUARD		
Arran	gements wit	thout Cab Guard		
L Arran	491-8396 gements Inc	LIGHTS, LED	0	NC

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Effective 20FEB2021 M322F-010

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
SAFE	TY AND SI	ECURITY (CONT.)		
LI	GHTING / C	CAB GUARD (Cont.)		
L	491-8397	FOGS, LED	0	\$4 ,880
M	IRRORS			
L	489-4672	MIRROR, ELECTRIC, VA/MH		\$1,020
L	489-4673	ONLY FOR USE WITH: Two piece booms (VA & Of MIRROR, ELECTRIC, 1PC	0	\$1,020
L	491-1065	LANE 3 ONLY MIRROR, VA/MH Provides rearview mirrors on cab and on RH side of 1 ONLY FOR USE WITH: Two piece booms (VA & Of	machine.	NC
L	491-1066	MIRROR, 1PC	0	NC
cooi	LING			
C	OOLING PA	CKAGE		
L	434-2731	COOLING SYSTEM, STANDARD	0	NC
L	465-7064	Provides improved protection to the radiator, the ATA condenser to prevent clogging, when working with the machine in dusty environment Includes an additional engine air pre-cleaner.	AAC, the A/C	\$935
FRAN	/IES			
C	OUNTERWE	EIGHTS		
L	443-8000	COUNTERWEIGHT, 7716 LBS	0	\$710
L	485-2364	Standard Counterweight 3500KG / 7700LBS COUNTERWEIGHT, 10350 LBS		\$965
FLUI	os			
LU	JBRICATIO	NS		
L	465-7062	HYDRAULIC OIL, MINERAL	0	NC

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Effective 20FEB2021 M322F-011

M322F

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

INSTRUCTIONS

INTERNATIONAL INSTRUCTIONS

PACKING

EXPORT PACKING

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

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M322F

USE REF NO. OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
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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	509-9881	CONTROL, 2ND HPF, 1PC	\$6,300						
		ONLY FOR USE WITH: One piece boom & 2 slider joystick LANE 3 ONLY							
L	509-9882	CONTROL, 2ND HPF, VA	\$5,990						
		Second high pressure control valve.							
ONLY FOR USE WITH: Two piece boom (VA) & 2 slider joystick Second High Pressure Hydraulic Circuit Stick Lines									
Must	order stick l	ines to complete auxiliary circuit.							
L	251-8048	LINES, 2ND HPF, 8'2" STICK	\$820						
L	251-8049	LINES, 2ND HPF, 9'6" STICK	\$970						
		REQUIRED BY: CONTROL 2ND HPF							
Couplings Circuit									
P	176-6765	COUPLING, QUICK DISC MPF DC	\$345 NI						
QUICK COUPLER CONTROL SETTINGS									
L	494-0903	SETTING, QC CTRL, PIN GRABBER	NC						

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M322F

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight Ibs	LIST PRICE AT DEALER
ELEC	TRICAL			
A	LARM			
L	505-5366	ALARM, BACK-UP		\$755
SAFE	TY AND SI	ECURITY		
BE	EACON			
L	422-9762	BEACON, ROTATING, REMOVABLE Orange beacon light with cable and magnet foot.	0	\$303
M	ACHINE SE	ECURITY SYSTEM		
L	422-9723	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.		\$1,450
BUCK	KETS			
	Note: PIN,BUC with pin-on If the mach	TENTION PINS CKET,TDP bucket retention pins are not compatible a CAT Tilt-Rotator System (TRS) models. Line will be equiped with a pin-on TRS model at PIN,BUCKET,ADJ.		
P	123-4801	PIN, BUCKET, ADJ	95 95	\$366 \$366 NI
EIEI C	NINCTALLE	ED ATTACHMENTS		
		D INSTALLED ATTACHMENTS		
	nstalled Atta			
		oduct Group if further details are required.		
ricast	e comact Pi	oddot Group ii further details are required.		
L	473-7060	KIT, CAB GUARD, FOGS		\$5,030 NI

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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight Ibs	LIST PRICE AT DEALER				
FIELD	FIELD INSTALLED ATTACHMENTS (CONT.)							
KIT FOR FIELD INSTALLED ATTACHMENTS (Cont.)								
L	487-0165	KIT, COOLING, WASTE HANDLING		\$9,340 NI				
DOCUMENTATION								
CERTIFICATES OF CONFORMITY								
	0P-6814	DECLARATION OF INCORPORATION		NC				
PACK	ING							
EXPORT PACKING								
	0G-3565	PACKING -SEA/TRUCK MISC.MATERONLY FOR USE WITH: only with Not installed Misc.l		\$223 NET				

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