# M315F

Grounds Equipment - Bid #ESCNJ 18/19-25

# M315F HYDRAULIC WHEEL EXCAVATOR GRENOBLE, FRANCE

Ship Weight lbs LIST PRICE AT DEALER

Standard Equipment:

#### **POWERTRAIN**

Engine:

-Diesel engine, CAT C4.4 Twin Turbo certified to EPA Tier4 Final, EU Stage IV, MLIT 2014

-After-treatment system: CEM (DOC + DPF + SCR) and DEF System

Variable fan speed control

Automatic Engine speed Control (AEC), incl:-One touch low idle

-Automatic (programmable) idling shut down

Fuel filtration with water separator and indicator

3000m altitude capability without derate (9840ft)

48 deg. C ambient cooling capability without de-rate (118f)

100 amp. Alternator

Capability of using Bio-Diesel fuel (B20)

Power mode selector

### **UNDERCARRIAGE**

Four wheel drive Hydrostatic transmission, two speed Creeper speed Automatic lock mode for oscillating front axle & service brake Steps incl. tool boxes, left & right

#### **HYDRAULICS**

Hydraulic
BLCV, FLCV and SLCV
Anti drift valve for bucket cylinder
Overload warning device
Heavy lift mode
Adjustable hydraulic sensitivity
Separate swing pump
Automatic swing brake
High pressure 2-way tool control circuit
Medium pressure 2-way auxiliary hyd
circuit
CVC-type quick disconnect couplings

### **ELECTRICAL**

Maintenance free battery Roading lights incl. high beam & turn indicator

on medium pressure circuit ports

### **OPERATOR ENVIRONMENT**

Cab

Sound suppressed ROPS cab (ISO 12117-2 compliant) with viscous mount

Sealed cab with positive filtered ventilation Sunshade for windshield and skylight Full graphic 7inch LCD monitor Air conditioner heater & defroster 12V power supply with socket (Max 10amp) Pin code type engine start prevention Cruise control system FM radio incl. speakers Steering column, adjust angle & height Sliding door windows Washable floormat Interior utilities (Interior lighting, coat hook, beverage holder Literature holder, Document holding space, and Cab rear storage compartment)

### SAFETY AND SECURITY

RHS and rearview cameras (incl. Lights) displayed on additional cab monitor Tiltable LHS console with lock-out for all controls Ground level accessible secondary engine shutoff switch in cab Signaling/ Warning horn Safety hammer for cab evacuation

### OTHER STANDARD EQUIPMENT

Autolubrication system covering front linkage & swing bearing Sampling ports for Scheduled Oil Sampling (S.O.S) Counterweight 3750kg (8268lbs) CAT Product Link Refueling pump

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Grounds Equipment - Bid #ESCNJ 18/19-25

**M315F** 

M315F 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.

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M315F

M315F HYDRAULIC WHEEL EXCAVATOR Ship Weight LIST PRICE GRENOBLE, FRANCE lbs AT DEALER 590-9918 M315F WHL HEX AM-N DCA2 . . . . . . . . .

LANE 1 - AVAILABLE FROM BALTIMORE PDC

\$284,140

Versatility for contractors and county work needing one lane clossure: Blade front, stabilizers rear, VA boom, 8'1" stick, high & medium pressure and pin grabber lines, tool control, joystick steering, 315 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:**

488-2661 M315F WHEEL EXCAVATOR

492-5186 BOOM, VA, A-LUBE

490-6084 STICK, 2.45 M (8'1"), A-LUBE

471-7742 UC BLADE R FRONT/ OUT.REAR

474-7221 TIRES, MITAS 10.00-20 DUAL

489-2995 CAB, 70/30

374-5098 WIPER, 70/30

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

123-4968 PIN, BUCKET, ADJ

383-3964 PEDAL, HPF/HAMMER

422-9762 BEACON, ROTATING, REMOVABLE

454-2154 STEPS, UC

459-6004 PRODUCT LINK, CELLULAR PL641

473-2982 DECALS, NORTH AMERICA (ANSI)

488-1890 JOYSTICK, 2-SLIDER

489-3850 ALARM, BACK-UP

489-3856 CONTROLLER, ELECTRONIC XL

490-5214 CONTROL, JOYSTICK STEERING

490-6094 COOLING SYSTEM, STANDARD

490-6947 HYDRAULIC OIL, MINERAL

491-1065 MIRROR, VA/MH

491-8396 LIGHTS, LED

492-5194 RIDE CONTROL, VA

494-0903 SETTING, QC CTRL, PIN GRABBER

517-9999 SPEED 35 KPH (21.7 MPH)

583-6715 ENGINE

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

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Effective 20FEB2021 M315F-003

**M315F** 

M315F HYD GRENOBLE,	RAULIC WHEEL EXCAVATOR FRANCE	Ship Weight Ibs	LIST PRICE AT DEALER \$284,140
599-6759	M315F WHL HEX AM-N DCA2	0	
	Versatility for contractors and county work needing one lane clob Blade front, stabilizers rear, VA boom, 8'1" stick, high & mediu pressure and pin grabber lines, tool control, joystick steering, 315 linkage compatible.		
	permanent part of the lower frame. It is not possible to add/remove or to change any outrigger or blade undercarriage.		
	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: 488-2661 M315F WHEEL EXCAVATOR 491-1065 MIRROR, VA/MH		
	583-6604 ENGINE, EU 491-8396 LIGHTS, LED		
	492-5186 BOOM, VA, A-LUBE 492-5194 RIDE CONTROL, VA 494-0903 SETTING, QC CTRL, PIN GRABBER		
	517-9999 SPEED 21.7 MPH 489-2995 CAB, 70/30		
	489-3850 ALARM, BACK-UP 489-3856 CONTROLLER, ELECTRONIC XL 490-5214 CONTROL, JOYSTICK STEERING		
	490-6084 STICK, 8'1", A-LUBE 490-6094 COOLING SYSTEM, STANDARD		
	490-6947 HYDRAULIC OIL, MINERAL 422-9762 BEACON, ROTATING, REMOVABLE 454-2154 STEPS, UC		
	459-6004 PRODUCT LINK, CELLULAR PL641 471-7742 UC BLADE R FRONT/ OUT.REAR		
	473-2982 DECALS, NORTH AMERICA (ANSI) 474-7221 TIRES, MITAS 10.00-20 DUAL 488-1890 JOYSTICK, 2-SLIDER		
	123-4968 PIN, BUCKET, ADJ 373-6030 SEAT COMFORT W/2" SEAT BELT		
	374-5098 WIPER, 70/30 383-3964 PEDAL, HPF/HAMMER		

M315F MISCELLANEOUS MATERIAL..... AVAILABLE FROM GRENOBLE FACTORY

0G-0582

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

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M315F-004

Effective 20FEB2021

NC

M315F

USE	REF NO.	LANE 1 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	1 AM-NO	RTH MANDATORY ATTACHMENTS		
LA	ANE SELEC	TION		
	0P-9001	LANE 1 ORDERONLY FOR USE WITH: Distribution Center Arrange		NC
ΕX	KPORT PAC	CKING		
	0G-9240	Includes CILIX and foam protection on all cylinders Machines from the factory have been sprayed with Flat This product is added for corrosion protection while s and for extended storage periods. This product will not washed with soapy water prior to shipment to the cust Cilix and foam protection on all cylinders are also inclin 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	uid Film TM. hipping ed to be power tomer.	\$389 NET
L	583-6715	ENGINE	0	NC

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M315F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	SELECTIO	N		
	0P-9002	LANE 2 ORDER	0	NC
	0P-9003	LANE 3 ORDER	0	NC
REGI	ONAL PAC	KAGES		
El	V <i>GINE</i>			
L	583-6604	ENGINE, EU		NC
BOO	MS, STICKS	S, AND LINKAGES		
В	OOM ARRA	NGEMENTS		
front High I Mediu	ontrolled Au linkage and pressure 2-w um pressure	ntomatic Lubrication System for swing bearing. Vay tool control circuit boom lines. Auxiliary hydraulic circuit boom lines. r Quick coupler control boom lines.		
L	492-5186	BOOM, VA, A-LUBE  Arrangements for standard Stick 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 5.028M / 16' 6"	ines.	\$37,730
S	TICK ARRA	NGEMENTS		
High p Medic with ( Quick	et linkage an pressure aux um pressure CVC type qu c coupler cor	d cylinder. kiliary hydraulic circuit stick lines. auxiliary hydraulic circuit stick lines. aick disconnect couplings. atrol stick lines. ation System stick lines.		
L	490-6083	STICK, 7'5", A-LUBE Includes: Bucket linkage and cylinder. High pressure auxiliary hydraulic circuit stick lines. Medium pressure auxiliary hydraulic circuit stick lin with CVC type quick disconnect couplings Quick coupler control stick lines. Automatic Lubrication System stick lines.		\$14,740

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# M315F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
воом	s, sticks	, AND LINKAGES (CONT.)		
STI	CK ARRAI	NGEMENTS (Cont.)		
L	490-6084	STICK, 8'1", A-LUBE 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.		\$14,940
SM	ARTBOON	1 & RIDE CONTROL		
		eature improves operator comfort by bouncing when travelling.		
It is use		operations and improves operator comfort. commended for Hammering, Rock-cleaning ng.		
Include: Boom lo		ntrol device, reducing boom drift, and overload		

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

L Arran	492-5194 ngements wit	RIDE CONTROL, VA	\$5,580
L	492-5193	BLCV, VA & OFFSET	\$1,140
POW	/ERTRAIN		

### TRAVEL SPEED

L	517-9999	<b>SPEED 21.7 MPH</b>	NC
		TD 1 1051 1 / 017 1	

Travel speed 35kph / 21,7mph

CANNOT BE USED WITH: Cooling Package Fine Mesh

### **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.

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# M315F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
UNDE	ERCARRIA	GE (CONT.)		
U	NDERCARA	RIAGE ARRANGEMENTS (Cont.)		
L	445-6579	UC BLADE R REAR		\$9,330
-	471-7742	UC BLADE R FRONT/ OUT.REAR		\$20,160
S	TEPS & FEI	NDERS		
L	454-2154	STEPS, UC	rcarriage	\$264
L	455-7170	STEPS, UC, INCL. FENDERS  Uppercarriage access steps with integrated toolbox. Includes: One set of four fenders reducing dirt and water spray from tires onto machine. ONLY FOR USE WITH: Welded undercarriage CANNOT BE USED WITH: Welded Heavy Duty under REQUIRED BY: 5017386 GERMAN ROADING PACK	0	\$2,785
TI	RES			
DUAL	. TIRES			
L	474-7221	TIRES, MITAS 10.00-20 DUAL	0	\$1,420
L	478-6660	TIRES,MITAS EM23 10.00-20 DUAL  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.		\$2,590
L	558-3760	TIRES,TRELLEBORG 10.00-20 DUAL		\$7,510
SINGI	LE TIRES	Spacer rings are included		
L	253-1634	TIRES,MICH.18R19.5 XF SINGLE	1,349	\$5,880

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
HYDF	RAULICS			
М	EDIUM PRE	ESSURE CONTROL		
L	464-5053	CONTROL, MPF		\$1,320
L	490-5214	CONTROL, JOYSTICK STEERING	lt. rst	\$3,495
OPER	RATOR ENV	<b>TIRONMENT</b>		
C	AB WINDSI	HIELD		
L	486-0957	CAB, 1-PC	/ 0.4", EN356 P5A)	NC
L	489-2995	CAB, 70/30	0	NC
W	/INDSHIELD	) WIPER		
L	374-5097	WIPER, 1-PC	0	NC
L	374-5098	ONLY FOR USE WITH: 1-PC windshield WIPER, 70/30	0	NC
SI	EANT & SE	AT-BELTS		
Comf	ort Seat			
L	373-6030	SEAT COMFORT W/2" SEAT BELT	w-frequency), , mechanical	\$855
Delux	e Seat	metades. 2 / 51 mm retractable seat beit		
L	377-4501	SEAT DELUXE W/2" SEAT BELT  The Deluxe Seat features vertical air suspension (low horizontal suspension, automatic height & weight ad active climate system (two step heating & body swear microfibre seat fabric, pneumatic lumbar support, seand angle adjustment and adjustable dampening. Includes: 2"/51mm retractable seat belt	y-frequency), ljustment, t removal),premium	\$2,570

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# M315F

USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
OPER	RATOR ENV	IRONMENT (CONT.)		
A	UXILIARY F	HYDRAULIC PEDAL		
L	261-3608	NO PEDAL	2	NC
L	383-3964	Floorboard cover required if HPF/Hammer pedal is no PEDAL, HPF/HAMMER		\$1,045
Н	YDRAULIC	JOYSTICK		
L	497-1005	JOYSTICK, 1-SLIDER	0	NC
L	488-1890	Provides standard joysticks with 1 slider and 4 butto JOYSTICK, 2-SLIDER	0	\$1,285
C	ONTROLLE	RS		
L	337-5820	CONTROLLER, ELECTRONIC.  Provides a control unit to activate and control electric of hydraulic components.  CANNOT BE USED WITH: Offset Boom, Ride Control,	cal functions Joystick Steering	NC
L	489-3856	2nd High Pressure Control CONTROLLER, ELECTRONIC XL	0 cal functions "Joystick Steering	NC
TECH	INOLOGY F	PRODUCTS		
P	RODUCT LI	NK COMMUNICATIONS		
the lo Efficients to hel reduc Availa	cation, oper ently and eff p keep your e the costs	oles the remote transmission of information about ation,and condition of your equipment. ectively monitor performance of your assets jobs on schedule, maintain equipment condition, of owning and operating your fleet. by country. Please contact your Cat marketing questions.		
L	459-6004	PRODUCT LINK, CELLULAR PL641	IA 3G cellular ion information interface.	NC
L	459-6005	transmission and larger volumes of data.  PRODUCT LINK, SATELLITE PL631	t to transmit wing in Product	\$446

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
SAFE	ETY AND S	ECURITY		
L	IGHTING / (	CAB GUARD		
Provi	des LED type	e cab working lights.		
Arran	ngements wit	thout Cab Guard		
L	491-8396	LIGHTS, LED	0	NC
Arran	ngements Inc	luding Cab Guard		
L	491-8397	FOGS, LED	0	\$4,880
<b>IV</b>	MRRORS			
L	491-1065	MIRROR, VA/MH		NC
L	489-4672	Provides rearview mirrors on cab and on RH side of m MIRROR, ELECTRIC, VA/MH	0	\$1,020
coo	LING			
C	OOLING PA	ACKAGE		
L	490-6094	COOLING SYSTEM, STANDARD	0	NC
FLUI	DS			
L	UBRICATIO	NS		
L	490-6947	HYDRAULIC OIL, MINERAL Filling with Cat HYDO Advanced 10 oil	0	NC
INST	RUCTIONS			
//	ITERNATIO	NAL INSTRUCTIONS		
L	473-2982	DECALS, NORTH AMERICA (ANSI)	0	NC

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USE REF NO. LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
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### **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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USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight Ibs	LIST PRICE AT DEALER

### **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, boom and stick lines to complete auxiliary circuit.

If CAT TILTROTATOR SUPPORT is selected ,2ND HPF Control will be optimized for usage with a Cat Tiltrotator. In this case only one way

f	flow with minimiz	ed return line back pressure will be provided						
L	490-6088	CONTROL, 2ND HPF, VA	\$5,730					
SECOND HIGH PRESSURE HYDRAULIC CIRCUIT STICK LINES								
Must order boom and stick lines to complete auxiliary circuit.								
l	_ 254-2615	LINES, 2ND HPF, 7'7" STICK	\$755					
L	_ 489-7914	LINES, 2ND HPF, 8'1" STICK	\$800					
COUPLINGS CIRCUIT								
F	176-6765	COUPLING, QUICK DISC MPF DC	\$345 NI					

(CVC type coupling to internal thread M22 x 1.5) for stick lines medium pressure, side (bucket tilt) "ALSO AVAILABLE ON A MISCELLANEOUS ORDER"

### QUICK COUPLER SUPPORT

SETTING, QC CTRL, PIN GRABBER ....... L 494-0903 NC Provides control strategy and pressure settings appropriate for Cat Pin Grabber quick coupler.

CANNOT BE USED WITH: CW-type quick coupler Cat Tiltrotator Support

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USE	REF NO.		Weight lbs	LIST PRICE AT DEALER
ELEC	CTRICAL			
A	LARM			
L	489-3850	ALARM, BACK-UP	0	\$755
SAFE	ETY AND S	ECURITY		
В	EACON			
L	422-9762	BEACON, ROTATING, REMOVABLE	0	\$303
<b>I</b> V	ACHINE SE	ECURITY SYSTEM		
L	422-9723	SECURITY SYSTEM, MACHINE  Counterweight mounted Rotating Beacon Advanced, programmable system to manage access to machine. Requires special Machine Security System keys. Machine shipped with system inactive but with two of these key 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
	KETS	TENTION PINS		
Б	Note: PIN,BUC with pin-on If the mach	CKET,TDP bucket retention pins are not compatible a CAT Tilt-Rotator System (TRS) models.  hine will be equiped with a pin-on TRS model ct PIN,BUCKET,ADJ.		
Р	123-4968	PIN, BUCKET, ADJ	68 68	\$373 \$373 NI
FIFI I	D INSTALLE	ED ATTACHMENTS		
	IOT INSTAL  Kits for field in	LED ATTACHMENTS		
L	473-7060	KIT, CAB GUARD, FOGS	0	\$5,030 NI
PACI	KING			
E.	XPORT PAC	CKING		
	0G-3565	PACKING -SEA/TRUCK MISC.MATERONLY FOR USE WITH: only with Not installed Misc.Mater (Ni)		\$223 NET
Cupara	edes 26 IAN2021	Subject to change without notice		Effective 20FFR2021

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USE REF OPTIONAL ATTACHMENTS
Ship Weight LIST PRICE Ibs AT DEALER

PACKING (CONT.)

**EXPORT PACKING (Cont.)** 

ONLY FOR USE WITH: Only with Not installed bucket (Ni)

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