415

415 BACKHOE LOADER LEICESTER, ENGLAND

Ship Weight lbs LIST PRICE AT DEALER

Grounds Equipment - Bid #ESCNJ 18/19-25

Standard Equipment:

### **BOOMS, STICKS, AND LINKAGES**

#### **BACKHOE**

- 14'4" Center pivot backhoe
- 4.3 Meters
- Boom and swing transport locks
- Mechanical operated backhoe and stabilizer controls
- Street type stabilizer shoes

#### LOADER

- Single Tilt Loader
- Lift cylinder brace
- Self-leveling loader with single lever control
- Return-to-dig
- (automatic bucket positioner)
- Transmission neutralizer switch
- Bucket level indicator

### **POWERTRAIN**

- Cat C3.6, 55KW (Net 68HP/51kW)
- Water separator
- Thermal starting aid system
- Dry type axial seal air cleaner with integral precleaner
- Automatic dust ejection system
- Filter condition indicator
- Hydraulically boosted multi-plate wet disk brake with dual pedals & interlock
- Differential lock
- Drive-line parking brake
- Torque converter
- Transmission-four speed manual shift
- Neutral safety switch
- Spin-on filters for Fuel Engine oil
- Transmission oil
- Outboard Planetary Rear Axles
- Diesel particulate filter
- Hydrostatic power steering

#### **HYDRAULICS**

- Load sensing, variable flow system with 35 gpm (132 L/min) axial piston pump
- 6 micron hydraulic filter
- Caterpillar XT-3 hose
- Hydraulic oil cooler
- Flow-Sharing Hydraulic Valves
- Hydraulic suction strainer

### **ELECTRICAL**

- 12 volt electrical start
- 150 ampere alternator
- Horn, front and rear
- Backup alarm
- Hazard flashers/turn signals
- Halogen head lights (2)
- Halogen rear flood lights (2)
- Stop and tail lights
- Audible system fault alarm
- Key start/stop system
- 850 CCA maintenance free battery
- Battery disconnect switch
- External Power Receptacle (12v)

#### OPERATOR ENVIRONMENT

- Interior rearview mirror
- Rear fenders
- ROPS canopy
- 2-inch (50mm) retractable seat belt
- Hand and foot throttle
- Air suspension seat
- Coat Strap
- Lockable storage area

#### **FLUIDS**

Antifreeze - Extended Life Coolant
 -20F (-30C)

### OTHER STANDARD EQUIPMENT

- Standard Storage Box
- Transport tie-down points
- Ground line fill fuel tank with 42.3 gal (160L) capacity
- Rubber impact strips on radiator guard
- CD-ROM Parts Manual
- Safety Manual
- Operations and Maintenance Manual
- Lockable hood
- Tire Valve Stem Protection

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415-001

415 BACKHOE LOADER LEICESTER, ENGLAND

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 Order Management program.

589-5413	<b>415 07A BACKHOE LOADER DCA1</b>	\$90,640
	INCLUDES:	
	543-3337 415 07A BACKHOE LOADER	
	576-8129 CANOPY, BASE	
	491-6733 WORKLIGHTS (4) HALOGEN LAMPS	
	573-4522 SEAT, VINYL	
	545-5047 DISPLAY, STANDARD	
	543-4899 PT, 4WD/2WS STD SHIFT, MECH	
	564-0306 HYDRAULICS, GP, 5FCN/7BNK	
	543-4280 STICK, STANDARD, 14FT	
	544-0353 CONTROLS, BACKHOE PATTERN	
	542-7778 ENGINE, 55KW, C3.6 DITA, T4F	
	337-9695 COUNTERWEIGHT, 530 LBS	
	560-6797 PRODUCT LINK, CELLULAR, PLE643	
	545-8548 LOADER BUCKET PINS	
543-3337	<b>415 07A BACKHOE LOADER</b>	\$79,270
043-3337	LANE 2 - AVAILABLE FROM LEICESTER FACTORY	\$19,210
	LANE 3 - AVAILABLE FROM LEICESTER FACTORY	
	LAINE 3 - AVAILABLE PROINI LEICESTER PACTORI	
0P-7254	<b>415 MISC MATL, AM-N</b>	NC

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Effective 20FEB2021 415-002

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USE	REF NO.	LANE 1 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
LANE	1 AM-NOI	RTH MANDATORY ATTACHMENTS		
LA	NE SELEC	TION		
	0P-9001	LANE 1 ORDER	0	NC
LO	DADER BUG	CKET		
•	325-5100	BUCKET, LOADER (NONE)	0	NC
P	337-7385	Ship with no loader bucket.  BUCKET-GP, 1.3 YD3, PO		\$3,231
	<b>UTTING ED</b> Required selec	<b>GE</b> etion with a bucket		
P	9R-5321	CUTTING EDGE, TWO PIECE		\$331
t S A	type cannot be your tire choic Any proposed machine shipi	ry-wide tire availability limitations, tire brand and e guaranteed. Every effort will be made to satisfy ee, but we reserve the right to propose alternate tires change will be reviewed with the dealer prior to ment. The machine will ship only with the dealer the proposed alternative tire.		
P	533-0488	TIRES, 340 80-18/500 70-24, MX  Michelin Power CL (Bias Ply) 12.5/80-18 12PR directic and 500/70-24 20PR (Bias ply) directional rear tires d deliver high load capacity.  Provides excellent traction and floatation. Wide lugs proposed in the proposed properties of the proposed in the pro	onal front tires lesigned to	\$1,545
DE	ECAL PACK			
ľ	Must select or	ne		
P	559-0872	INSTRUCTIONS, ANSI	0	NC
P	559-0874	INSTRUCTIONS, ISO	0	NC
	EAT BELT Select one			
L	206-1747	BELT, SEAT, 2" SUSPENSION		NC
L	206-1748	British Columbia.  SEAT BELT, 3" SUSPENSION	0	\$146

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415-003

USE	REF NO.	LANE 1 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	1 AM-NO	RTH MANDATORY ATTACHMENTS (CONT.)		
_	<b>TABILIZER</b> Must select or	-		
Р	9R-1085	STABILIZER PADS, STREET	es.	NC
Р	9R-6007	For use on prepared surfaces such as asphalt or concestable PADS, FLIP-OVER	rete. 85	\$341
	<b>4<i>CKHOE B</i></b> Must select or	UCKET OR COUPLER ne.		
Р	175-7877	BUCKET, HOE, (NONE)		NC
Р	219-3387	BUCKET-HD, 24", 6.2 FT3		\$1,708
P	254-8941	BUCKET-SOIL, 24", 8.5 FT3	395	\$1,861
Р	247-1950	BUCKET-HD, 24", 7.3 FT3, PL	370 370	\$1,819 \$1,819 NI
Р	444-7500	This Pin Lock bucket includes 5 tooth tips. ONLY FOR USE WITH: 222-7379 COUPLER, PIN LOCUPLER, PG, MAN.D.LOCK, BHL	192	\$2,090
P	544-1901	(includes one set of pins and hardware to attach one be COUPLER, PIN LOCK, BL F	0 tools.	\$1,528
	<i>ISTRUCTIO</i> Must select	NS AND OPERATION MANUALS		
	421-8926	SERIALIZED TECHNICAL MEDIA KIT	guage, such as	NC
T	RANSPORT	PROTECTION		
	461-6839	SHIPPING/STORAGE PROTECTION	otection water prior	\$206 NET
	462-1033	Currently this is only available to, and required by, mashipping to USA, Canada & South America.  RUST PREVENTATIVE APPLICATOR	0 or	\$110 NET

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415-004

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USE	REF NO.	LANE 1 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER		
	LANE 1 AM-NORTH MANDATORY ATTACHMENTS (CONT.)  PACKING					
,,	0P-0210	PACK, DOMESTIC TRUCK		NC		

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USE	REF NO.	LANE 1 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	1 AM-NO	RTH OPTIONAL ATTACHMENTS		
M	lay select a	dditional options (not required).		
Р	211-4292	BEACON, MAGNETIC MOUNT	0	\$234 N
P	353-1389	GUARD, STABILIZERGuards to protect Stabilizer cylinder rods from damage		\$850
	423-7607	PLATE GROUP - BOOM WEAR		\$219

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4 4 F

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

# LANE SELECTION

# LANE 2/ LANE 3 FACTORY ARRANGEMENTS

0P-9002	LANE 2 ORDER	NC
	Only for dealers enrolled in the Base Orders Management (BOM) program	
0P-9003	LANE 3 ORDER	NC

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICI AT DEALER
BOO	MS, STICKS	S, AND LINKAGES		
В	ACKHOE S	TICKS		
L	543-4280	STICK, STANDARD, 14FT	0	NC
-	543-4281	STICK, EXTENDABLE, 14FT, MECH	0	\$4,790
L	543-4282	Provides additional 3'8" (1.13m) of reach REQUIRES: MECHANICAL POWERTRAIN, HYDRAUI STICK, EXTENDABLE, 14FT, PILOT	0	\$4,790
POW	ERTRAIN			
P	OWERTRAI	N (Gearbox, Axles, Lines)		
	POWERTR	AINS FOR MACHINES WITH MECHANICAL CON	TROLS	
-	543-4899	PT, 4WD/2WS STD SHIFT, MECH	0	\$9,740
	POWERTR	AINS FOR MACHINES WITH PILOT CONTROLS		
-	543-4900	PT, 4WD/2WS STD SHIFT, PILOT	0	\$9,740
E	NGINE (Eng	ine, Cooler, Filters, Lines)		
L	542-7778	ENGINE, 55KW, C3.6 DITA, T4F  EPA Tier 4 Final Certified Engine EU Stage 5 Certified Engine with aftertreatment Net Power @ Rated (RPM) is 69HP (51kW) Gross Power @ Rated (2200RPM) is 74HP (55kW)	0	NC
HYDI	RAULICS			
M	ACHINE H	YDRAULICS (Inc Valves, Lines, and Controls)		
	HYDRAUL	ICS FOR MACHINES WITH MECHANICAL CONT	ROLS	
L	542-7755	HYDRAULICS, GP, 4FCN/6BNK	ick.	NC
-	564-0306	HYDRAULICS, GP, 5FCN/7BNK	0 ick with	\$720
L	542-7756	HYDRAULICS, GP, 6FCN/8BNK	0	\$1,450
L	542-7758	HYDRAULICS, MP, 4FCN/6BNK  FOR USE WITH: MP Loader Bucket and Standard S CANNOT BE USED WITH: E-Stick Or Combo Lines		\$1,210

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRIC AT DEALER
HYD!	RAULICS (	CONT.)		
M	ACHINE H	YDRAULICS (Inc Valves, Lines, and Controls)	(Cont.)	
	567-5742	HYDRAULICS, MP, 5FCN/7BNK	ck with	\$1,985
-	542-7759	Combined Aux Lines OR E-Stick without Combined A HYDRAULICS, MP, 6FCN/8BNK FOR USE WITH: MP Loader Bucket and E-Stick with Combined Aux Lines	0	\$2,730
-	554-4187	HYDRAULICS, MP, 6FCN/8BNK, QC  FOR USE WITH: MP Loader Bucket and E-Stick with Combined Aux Lines Includes: IT Loader Coupler		\$7,300
	HYDRAUL	ICS FOR MACHINES WITH PILOT CONTROLS		
L	542-7761	HYDRAULICS GP, 5FCN/7BNK, PT  FOR USE WITH: GP Loader Bucket and Standard Sticket Combined Aux Lines OR E-Stick without Combined A	ck with	\$5,780
L	542-7762	HYDRAULICS GP, 6FCN/8BNK, PT	0	\$6,510
L	542-7764	HYDRAULICS MP, 5FCN/7BNK, PT FOR USE WITH: MP Loader Bucket and Standard Sti Combined Aux Lines OR E-Stick without Combined A	ick with	\$7,030
L	542-7765	HYDRAULICS MP, 6FCN/8BNK, PT	0	\$7,770
L	554-4186	HYD, MP, 6FCN/8BNK, PT, QC  FOR USE WITH: MP Loader Bucket and E-Stick with Combined Aux Lines Includes: IT Loader Coupler	0	\$11,330
	Must select w	L BACKHOE CONTROLS hen ordering MECHANICAL hydraulics. and cannot be used with) PILOT hydraulics		
L	544-0353	CONTROLS, BACKHOE PATTERN Left hand: Boom and swing; Right hand: Stick and but	0	NC
L	544-0354	CONTROLS, EXCAVATOR PATTERN Left hand: Stick and Swing; Right hand: Boom and B	0	\$204
OPEF	RATOR ENV	<b>YIRONMENT</b>		
C	AB/CANOP	Υ		
L	576-8129	CANOPY, BASE	foor mat,	NC
L	557-4932	CAB, STANDARD	ocks, mn,	\$7,260

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
OPEF	RATOR ENV	(IRONMENT (CONT.)		
D	ISPLAY			
L	545-5047	DISPLAY, STANDARD	0	NC
W	ORKING LI	GHTS		
L	491-6733	WORKLIGHTS (4) HALOGEN LAMPS	0	NC
-	491-6735	FOR USE WITH: CANOPY, BASE WORKLIGHTS (4) LED LAMPS	0	\$443
-	491-6734	FOR USE WITH: CANOPY, BASE WORKLIGHTS (8) HALOGEN LAMPS	0	NC
-	491-6736	FOR USE WITH: CAB, STD WORKLIGHTS (8) LED LAMPS FOR USE WITH: CAB, STD	0	\$890
S	EATING			
-	573-4522	SEAT, VINYL	0	NC
•	573-4523	SEAT, FABRIC	0	\$525
S	EAT BELT			
:	206-1747	BELT, SEAT, 2" SUSPENSION	0	NC
	206-1748	SEAT BELT, 3" SUSPENSION	0	\$146
		NTAL CONTROL ENCLOSED CABS ONLY		
-	542-7805	HEATER, T4F	0	NC
L	542-7808	CANNOT BE USED WITH: CANOPY, BASE  AIR CONDITIONER, T4F	0	\$2,670

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Grounds Equipment - Bid #ESCNJ 18/19-25

USE REF LANE 2 / 3 MANDATORY Ship Weight LIST PRICE lbs AT DEALER

### TECHNOLOGY PRODUCTS

### PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitoring performance of your assets, it helps 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 or click on the link below: HTTPS://DEALER.CAT.COM/en/bt/otd/machine-price-list.html From there click on the "PRODUCT LINK Hardware Certification" link.

L	560-6797	PRODUCT LINK, CELLULAR, PLE643	NC
		Product Link Elite series PLE643 (consisting of PL243 radio and	
		PLE602 network manager)uses cellular networks to transmit location,	
		utilization, health and productivity information for viewing in	
		Product Link user applications. Provides support for remote services,	
L	559-1294	PRODUCT LINK, DUAL MODE, PLE6830	\$1,313
		Product Link Elite series dual mode PLE683 (consisting of PL083 radio,	
		and PLE602 network manager) uses a combination of cellular and	
		satellite networks to transmit location, utilization and health	
		information for viewing in Product Link user applications.	
		For use where travel between areas of both cellular and satellite	
		coverage is required.	

### TIRES, RIMS, AND WHEELS

### **TIRES**

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to propose alternate tires Any proposed change will be reviewed with the dealer prior to machine shipment. The machine will ship only with the dealer acceptance of the proposed alternative tire.

### FOUR WHEEL DRIVE TIRES AVAILABLE FROM MICHELIN

P	533-0488	TIRES, 340 80-18/500 70-24, MX	\$1,545
P	320-2384	TIRES, 340 80R18/500 70R24, MX  Front: Michelin 340/80R18 XMCL 142A8  Directional tire designed to deliver high load capacity, smooth wear and long life with superb grip in all types of conditions. Rear: Michelin 500/70R24 XMCL 157A8  Directional tire designed for outstanding damage resistance, extremely long tire life, and high load capacity.	\$2,910

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
		ND WHEELS (CONT.) L DRIVE TIRES AVAILABLE FROM MICHELIN	(Cont.)	
P	320-2385	TIRES,340 80R18/500/70-24 MI  Front: Michelin 340/80R18. Directional tire designed deliver high load capacity, smooth wear and long life superb grip in all types of conditions.  Rear: Michelin 500/70-24 Power CL 164A8  Directional tire provides excellent traction and flotation characteristics. Shock-fortified nylon-cord body resise cuts and punctures.  Combines benefits of radial front with stability of real	d to with on ts impacts,	\$2,320
•	533-2163	TIRES, 340 80R20/480 80R26, MX  Michelin 340/80-R20 XMCL radial directional front t 480/80R26 XMCL radial directional rear tires for exc on all types of ground, good wear resistance on hard surfaces. A taller and wider tire combination for sup clearance and floatation. REQUIRES: 570-9674 STEERING STOP	0 ires and Michelin tellent traction abrasive	\$3,335
	587-7103	TIRES, 340 80-18/440 80-24, MX  Michelin Power CL (Michelin Bias Ply) 340/80-18 14: Directional rear tyres providing wide lugs for long life hard surface grip. Overlapping lug noses give smooth hard surfaces and casing protection.  Michelin Power CL (Michelin Bias Ply) 440/80-24 16: Directional rear tyres providing wide lugs for long life surface grip. Overlapping lug noses give smooth rolling surfaces and casing protection ONLY FOR USE WITH: 583-7863 CUSTOM COLOR	3 A8 Load Rating span and n rolling on 8 A8 Load Rating span and hard ng on hard	\$3,450
FC	OUR WHEE	L DRIVE TIRES AVAILABLE FROM GOODYEA	I <i>R</i>	
P	379-2161	TIRES, 12.5 80/19.5L-24, GY Front: Goodyear 12.5/80-1810 PR I-3 Sure Grip Lug Directional tire for good traction and long wear, provi wide, sturdy overlapping lugs. Rear: Goodyear 19.5L-24 12 PR R4 IT525 Directional tire with solid performance on rock-hard Increased wear and performance on hard surfaces.	ded by	\$1,650
FC	OUR WHEE	L DRIVE TIRES AVAILABLE FROM FIRESTON	E	
P	282-3855	TIRES, 12.5 80-18/21L-24, FS	Traction Loader. excellent  Utility) on ts impacts,	\$2,605

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
	S, RIMS, A	ND WHEELS (CONT.) TOP		
P	570-9674	STEERING STOP	e.	\$10

# **OTHER ATTACHMENTS**

### **COUNTERWEIGHT**

ADD THE NEXT INCREMENT OF COUNTERWEIGHT IF A THUMB IS REQUIRED

### MINIMUM RECOMMENDED COUNTERWEIGHT

MACHINE CONFIGURATION Std Stick, GP Bucket	RECOMMENDED WEIGHT 255 lbs - 115KG
Std Stick, MP Bucket	no cwt
E-Stick, GP Bucket	1015 lbs - 460KG
E-Stick, MP Bucket	255 lbs - 115KG
IF OC LOADER HYD SELECTED	

MACHINE CONFIGURATION Std Stick, GP Bucket	RECOMMENDED WEIGHT no cwt
Std Stick, GF Bucket Std Stick. MP Bucket	no cwt
Std Stick, Material Arm	no cwt
Std Stick, Fork Carriage	no cwt
E-Stick, GP Bucket	530 lbs - 240KG
E-Stick, MP Bucket	no cwt
E-Stick, Material Arm	530 lbs - 240KG
E-Stick, Fork Carriage	530 lbs - 240KG

CTABILIZED DADC CTREET

Р	337-9693	COUNTERWEIGHT, NONE	NC
		ONLY FOR USE WITH: 543-4280 STICK, STANDARD	
Р	337-9694	<b>COUNTERWEIGHT, 255 LBS</b>	\$690
Р	337-9695	COUNTERWEIGHT, 530 LBS	\$910
Р	337-9696	<b>COUNTERWEIGHT, 1015 LBS</b>	\$1,790

## Stabilizer Pads and Accessories

Р	9R-1085	STABILIZER PADS, STREET	NC
		Set of two rubber pads which bolt to the standard shoes.	
		For use on prepared surfaces such as asphalt or concrete.	
Р	9R-6007	STABILIZER PADS, FLIP-OVER	\$341
		Flip-over pads for use on asphalt, concrete or soil.	
Р	560-2635	STABILIZER PADS, FLIP-OVER 0	\$341
		Flip-over pads for use on asphalt, concrete or soil.	
		ONLY FOR USE WITH: 583-7863 CUSTOM COLOR	
Ρ	116-4942	STABILIZER PADS, GROUSER TYPE	\$-214
		Set of two steel pads with grouser bars for use on soil.	

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BUCK	KETS			
L	OADER BUG	CKET PINS		
	545-8548	LOADER BUCKET PINS	0	NC
		CKETS The if ordering a ST machine. For IT Work Tools optional Attachment section.		
•	325-5100	BUCKET, LOADER (NONE)	0	NC
•	337-7382	Ship with no loader bucket.  BUCKET-GP, 1.0 YD3, PO		\$2,753
•	337-7385	BUCKET-GP, 1.3 YD3, PO		\$3,231
•	337-7436	BUCKET-MP, 1.3 YD3, PO		\$6,911
	595-0367	BUCKET-GP, 1.3 YD3, PO, BLK  1.25 CYD (0.96CUM) SAE capacity General Purpose. accept bolt-on teeth or cutting edge (not included).  ONLY FOR USE WITH: 583-7863 CUSTOM COLOR	Drilled to	\$3,231
	595-0357	BUCKET-MP, 1.3 YD3, PO, BLK	728 rilled to	\$6,911
C	UTTING ED	GE/TEETH		
	9R-5321	CUTTING EDGE, TWO PIECE  Bolt-on reversible cutting edge for the Loader Bucket ONLY FOR USE WITH:  337-7382 BUCKET-GP, 1.0  337-7436 BUCKET-MP, 1.0  595-0367 BUCKET-MP, 1.0  595-0357 BUCKET-MP, 1.0  CANNOT BE USED WITH: 9R-5866 TEETH	:. 0 YD3, PO 3 YD3, PO 3 YD3, PO 3 YD3, PO, BLK	\$331
•	9R-5866	TEETH		\$389
	If no coupler i If coupler is so not installed. Additional but	Solution of the section.		
•	175-7877	BUCKET, HOE, (NONE)		NC

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USE	REF NO.	LANE 2 / 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
BUCK	KETS (CON	IT.)		
BA	ACKHOE BU	UCKETS AND COUPLERS (Cont.)		
Р	219-3387	BUCKET-HD, 24", 6.2 FT3	333 333	\$1,708 \$1,708 N
Р	247-1950	Includes 5 tooth tips.  BUCKET-HD, 24", 7.3 FT3, PL	370 370	\$1,819 \$1,819 N
P	254-8941	This Pin Lock bucket includes 5 tooth tips. ONLY FOR USE WITH: 544-1901 COUPLER, PIN BUCKET-SOIL, 24", 8.5 FT3		\$1,861
-	20.00	Includes 5 angle-down adapters and soil tooth tips.	395	\$1,861 N
Р	219-3396	BUCKET-ROCK, HD, 24", 7.0 FT3		\$1,903 \$1,903 N
P	219-3381	Includes 5 tooth tips. BUCKET, 24", 6.2 FT3		\$1,326 \$1,326 N
Р	219-3411	Includes 5 tooth tips. BUCKET-HD, 12", 2.8 FT3		\$1,486 \$1,486 N
		Width: 305MM (12"), Capacity 0.8 m3 (2.8 ft3) Includes 3 tooth tips and Pin set for 12" Buckets.		
P	219-3386	BUCKET-HD, 18", 4.2 FT3	284	\$1,583 \$1,583 N
P	212-8738	Includes 4 tooth tips.  BUCKET-DC, 48", 13.0 FT3	0	\$2,764 \$2,764 N
Р	444-7500	Ditch cleaning bucket  COUPLER, PG, MAN.D.LOCK, BHL		\$2,090
Р	544-1901	Includes: one set of pins and hardware to attach one COUPLER, PIN LOCK, BL F	e bucket	\$1,528
P	485-5303	Includes mounting pins and hardware for attaching COUPLER, PG, HYD.D.LOCK,BHL	tools192 buckets. e bucket	\$4,083
		REQUIRES: 555-2393 LINES,HYD COUPLER 14FT S 555-2394 LINES,HYD COUPLER 14FT S 555-2395 LINES,HYD COUPLER 14FT E 555-2396 LINES,HYD COUPLER 14FT E	TD STICK PILOT -STICK MECH	
INSTI	RUCTIONS			
DI	ECAL PACK	KAGES		
Р	559-0872	INSTRUCTIONS, ANSI	0	NC

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415-015

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

# **INSTRUCTIONS (CONT.)**

### INSTRUCTIONS AND OPERATION MANUALS

Kit will include instructions in the legally required language, based on the shipping address. Any additional media such as a paper parts manual, not included in the kit, can be ordered through the media website.

https://oos.midlandcorp.com/CAT/Default.aspx

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415-016

Grounds Equipment - Bid #ESCNJ 18/19-25

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
001	140.		103	AT DEALER

# **NOTE**

# LANE 2 / LANE 3 OPTIONAL SELECTIONS

# **HYDRAULICS**

# RIDE CONTROL

L	551-6452 551-6453	RIDE CONTROL	\$1,510 \$1,510
		ONLY FOR USE WITH: PILOT CONTROLS	
	HYDRAULIC	QUICK DISCONNECT	
P	456-3390	COUPLING, QD, THREADED WITH CAPS	\$376 NI
	Thumbs & Tir Thumbs cann selected to cor No additional Tine from the the bucket an	ot be shipped without either bucket or coupler. nes may only be ordered as full, installed packages. ot be ordered installed, less the tine. A Tine must be nplete the order. not installed tine allowed When ordering a BHL Thumb & Factory; insure that the correct tine is selected for d/or bucket/coupler combination. t tine is selected, the bucket and tine may not mate	
P	282-5409	THUMB, HYDRAULIC, NO TINE, BHL	\$5,500
Р	221-4282	THUMB, TINE, A 1	\$417
P	221-4284	THUMB, TINE, A 2	\$417

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415-017

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USE	REF NO.	LANE 2 / 3 OPTIO	NAL Ship Weight Ibs	LIST PRICE AT DEALER
HYD	RAULICS (	CONT.)		
7	HUMBS (C	ont.)		
P	221-4283	THUMB, TINE, A 3  Bucket with no coupler FOR USE WITH: 254-8941 BUCKET Buckets with: 444-7500 COUPLER, 485-5303 COUPLER, HYD FOR USE WITH: 219-3411 BUCKET 219-3381 BUCKET 24" OF	T 24" MANUAL OR R T 12" OR 219-3386 BUCKET 18" OR	\$417
Р	221-4285	485-5303	OCOUPLER, MANUAL OR COUPLER, HYDR BUCKET 24"	\$556
P	281-6708	THUMB, TINE, A 5		\$556
B	Please see the	YDRAULICS  Mandatory Option/Hydraulics section ntrols and a Standard Stick.	for machines	
L	548-1230	LINES, COMBINED AUX, STD STICK .	\$3,550	
L	548-1231	LINES, COMBINED AUX, E-STICK		\$3,550
L	548-1228	LINES, COMBINED AUX, STD STICK .		\$3,550
L	548-1229	LINES, COMBINED AUX, E-STICK	ANICAL CONTROLS & 5 or 6 FCN HYDR0 IICAL CONTROLS & 6 FUNCTION HYDRA	\$3,550
ELEC	TRICAL			
<b>IV</b>	IAGNETIC E	REACON		
Р	211-4292	BEACON, MAGNETIC MOUNT		\$234 N
Р	433-0154	Must be ordered as 'NOT INSTALLE BEACON, MAGNETIC MOUNT, STROB Must be ordered as 'NOT INSTALLE	<b>E</b> 0	\$347 NI
R	ADIO			
P	540-2298	RADIO, FM BLUETOOTH	nput, microphone.	\$560
R	ADIO READ	Y CANOPY HEADLINER		
L	398-2875	RADIO READY HEADLINER, CANOPY . Canopy headliner to accept a suitab Radio/ CD player (not available from FOR USE WITH: OPEN CANOPIES C	ole 'all weather' n factory)	\$506

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
ELEC	TRICAL (C	ONT.)		
F	ACE FAN			
L	<b>454-6610 FAN, STANDARD CAB/ CANOPY</b>		0	\$233
S	ECURITY K	EYPAD		
L	549-5531	Enables an immobiliser system to disable the enging and other systems at key switch on until a Pre Progressian present OR valid pass code is manually entered.	ne, transmission grammed Bluetooth red via the	\$570
L	573-0397	operator display which unlocks the machine to ena DISPLAY, SECURITY, ENABLED	0 ne, transmission ss code is manually	\$506
В	ATTERY			
L	516-5913	BATTERY, HEAVY DUTY	0	\$230
C	OLD WEAT	HER		
L	551-6940	Provides additional battery and engine block heater radiator antifreeze to -67F (-55 celsius), mounting f bottle and low temperature diesel fuel to -22F (-30 the ether bottle is available seperately from Parts E	r as well as for an ether celsius). Distribution	\$790
L	396-6505	CANNOT BE USED WITH: HEAVY DUTY BATTERY FUEL, COLD WEATHER	0	\$141 NE
GUA	RDS			
Р	563-6098	FENDERS, FRONT 4WD	0	\$585
Р	423-7607	ONLY FOR USE WITH: 4WD POWERTRAINS PLATE GROUP - BOOM WEAR	0	\$219
Р	353-1389	Bolt on guard prevents damage to boom. <b>GUARD, STABILIZER</b> Guards to protect Stabilizer cylinder rods from dam		\$850
отні	ER ATTACH	IMENTS		
ь	202 2400	MIDDODE EVTERNAL DOTH CIDES	0	6725
Р	382-2499	MIRRORS, EXTERNAL, BOTH SIDES	U	\$735

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
WOR	RK TOOLS			
C	ARRIAGE A	ND FORKS		
P	6W-8832	CARRIAGE, PALLET, 61", IT	611	\$2,511
-		Standard carriage. Does not include tines. ONLY FOR USE WITH: HYDRAULICS, QC		,_,
P	195-6935	FORK TINE, 2" X 5" X 48"	216	\$765
P	195-6939	One tine only, specify qty of 2 for pair.  FORK TINE, 2" X 5" X 54"	232	\$793
		One tine only, specify qty of 2 for pair.		
Н	Required if a l	<b>QUICK COUPLER LINES</b> Hydraulic Quick Coupler has been selected. etion on other machines.		
P	555-2393	LINES,HYD CPLR 14FT STD MECH		\$2,358
		Provides hydraulic lines, valve and electrical contro REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL		
P	555-2394	STANDARD STICK LINES,HYD CPLR 14FT STD PILOT		\$2,361
		Provides hydraulic lines, valve and electrical contro REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL		
P	555-2395	STANDARD STICK LINES,HYD CPLR 14FT EXT MECH	Ο	\$2,361
_	000 2000	Provides hydraulic lines, valve and electrical contro REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL	ller.	42/301
P	555-2396	EXTENDABLE STICK LINES, HYD CPLR 14FT EXT PILOT	0	\$2,361
		Provides hydraulic lines, valve and electrical contro REQUIRED BY: HYDRAULIC COUPLER, PG, DUAL EXTENDABLE STICK	ller.	12,552
C	OUPLER NO	ONE CAPS		
P	487-6058	COUPLER NONE	0	NC
		This includes caps to close off lines when machine "Hydraulic Coupler Ready", however, NO hyd coupl		
		REQUIRED WHEN - LINES, HYD COUPLER LINES CANNOT BE USED WITH: 485-5303 COUPLER		
B	UCKET PINS			
	318-9902	PINS, SPARE	C	\$175
P	316-3302	Includes bucket pins and hardware. FOR USE WITH: 444-7500 COUPLER, PG, MANUAL 485-5303 COUPLER, PG, HYD, DU	L, DUAL LOCK	\$175
H	AMMER			
P	532-9300	HAMMER, B8S, BHL		\$14,583 NI
		B8S HAMMER PACKAGE Includes B8S hammer non tuck,BHL hammer brac	ket,hammer lines,	
		quick disconnects, wrench, toolbox and two tools (Ch REQUIRES: 548-1228 LINES, COMBINED AUX, ST	isel crosscut/cone).	
		548-1229 LINES, COMBINED AUX, E-S	STICK	
		548-1230 LINES, COMBINED AUX, ST 548-1231 LINES, COMBINED AUX, E-S		

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415-020

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USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
BUCK	KETS			
		CKET FOR IT STYLE LOADER t for IT Loader Quick Coupler		
P	251-1800	BUCKET-GP, 1.31 YD3, IT	ucket. Drilled I/8BNK,PT,QC	\$3,682
P	251-1794	BUCKET-GP, 1.5 YD3, IT		\$4,326
P	216-8810	554-4187 HYD,MP,6FCN BUCKET-MP, 1.3 YD3, IT		\$7,136
P	216-8840	554-4187 HYD,MP,6FCN BUCKET-MP, 1.4 YD3, IT		\$7,632
IT	LOADER B	BUCKET - CUTTING EDGE OR TEETH		
Р	9R-5321	CUTTING EDGE, TWO PIECE	et.	\$331
P	9R-5320	CUTTING EDGE, TWO PIECE, WIDE  Bolt-on reversible cutting edge for Loader Buckets.  ONLY FOR USE WITH: 251-1800 BUCKET-GP, 251-1794 BUCKET-GP, 216-8840 BUCKET-MP,	154 1.31 YD3, IT 1.5 YD3, IT	\$329
P	9R-5866	TEETH	61 , TWO PIECE	\$389
CUST	TOM PROD	UCTS		
C	USTOM CO	LOR		
L	583-7863	PAINT, CUSTOM COLOR		\$6,210 NE

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415-021

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

### FIELD INSTALLED ATTACHMENTS

### **KITS**

Kits cannot be ordered with your machine order.
Kits can be ordered through CMOPS, but MUST be separate orders from the machine, and MUST include the top level MISC MTRL reference number. To ensure the orders are transferred through Antares to the Parts Distribution System you MUST also select the required Packing reference number.

For USA and Canada, please place your order as follows:

OP-7254 415 MISC MTRL Kit item number

Kits will not be shipped with your machine, and are not carried in the Waco or Clayton Logistics Nodes.

### **BACKHOE CONTROLS**

Р	579-6458	KIT, CONTROLS, BACKHOE PATTERN	\$542 NI
Р	579-6459	KIT, CONTROLS, EXCAVATOR PTRN	\$542 NI
	RIDE CONTR	OL	
P	577-8607	KIT, RIDE CONTROL (PILOT/ECM)	\$1,439 NI
Р	577-8610	KIT, RIDE CONTROL	\$1,476 NI

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415-022

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COC C5

Grounds Equipment - Bid #ESCNJ 18/19-25

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

# FIELD INSTALLED ATTACHMENTS (CONT.)

### AUXILIARY, COMBINED FUNCTION HYDRAULIC KITS

For use with both one-way flow tools (hammers, compactors) and two-way flow tools (augers, thumbs, side tilt couplers). Units equipped with Standard Sticks require 5 function BH Hydraulics and operate using the right thumb controller. Units equipped with Extendible Sticks require 6 Function BH Hydraulics and operate using the left thumb controller. Mounted near the backhoe valve bank in the chassis, a manual ball valve switches between one-way and two-way flow. Estimated shop time: 8 hours to install kit, plus 8 more hours is needed if adding a valve section to the valve bank (converting 4 to 5 Function, or 5 to 6 Function).

The kits provide diverter valve and hydraulic 3/4" lines routed to midpoint of stick for use with one-way or two-way flow work tools. Includes hydraulic quick disconnect couplings. This kit can be used to build 1 way (hammer) lines. See REHS installation instructions.

### FOR USE WITH MACHINES WITH MECHANICAL CONTROLS

VIT LIVE COMPINED 44FT CTE CTV

Р	5//-8612	FOR USE ON MECHANICALLY CONTROLLED MACHINES WITH STANDARD STIC	\$3,382 NI CK
P	577-8611	KIT, HYD, COMBINED, 14FT E-STK	\$3,382 NI
	FOR USE WIT	TH MACHINES WITH PILOT CONTROLS	
P	577-8616	KIT, HYD,COMBINED,14FT STD STK 0	\$3,382 NI
P	577-8617	KIT, HYD, COMBINED, 14FT E-STK	\$3,382 NI
	OTHER KITS		
Р	579-6456	KIT, LINES, HYD CPLR 14FT S-STK	\$1,750 NI
Р	585-0341	KIT, LINES, HYD CPLR 14FT S-STK	\$1,749 NI
Р	579-6457	KIT, LINES, HYD CPLR 14FT E-STK	\$1,750 NI
Р	585-0342	KIT, LINES, HYD CPLR 14FT E-STK	\$1,749 NI
Р	387-6458	KIT, GUARD, STABILIZER CYLNDRS	\$840 NI

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415-023

USE	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
FIEL	.D INSTALLE	D ATTACHMENTS (CONT.)		
(	OTHER KITS	(Cont.)		
Р	442-9566	KIT, HOE, COUPLING Q-DISCON	0 hydraulic quick	\$368 NI
P	586-8064	KIT, FENDER, FRONT		\$579 NI
Р	497-5482	KIT, WORKLIGHTS, LED, WIDE  The contents of this kit are available separately from the parts distribution.		**
Р	523-0146	KIT, WORKLIGHTS, LED, SPOT  The contents of this kit are available separately from the parts distribution.	0	**
Р	596-8446	KIT, LOADER COUPLER		<b>\$4,638 NI</b> ALVE.
Р	455-7380	KIT, LOADER, COUPLING QD	0	\$374 NI
Р	444-7500	COUPLER, PG, MAN.D.LOCK, BHL		\$2,090 NI
P	485-5303	COUPLER, PG, HYD.D.LOCK,BHL		\$4,083 NI

### KITS

### KIT, MACHINE SECURITY SEA

This kit enables the customer to buy the option software Through antares for the onboard feature upgrade to add Keypad security on the display. Caterpillar will then provide The option key software part number 602-1225. Dealer to Provide price for any additional hardware and this software

### AVAILABLE FROM PARTS DISTRIBUTION

Please see the WT-BHL price list for other items available from Parts Distribution

### **PACKING**

### **SHIPPING**

OP-0210 NC Required for all machines for USA, Canada & South America

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415-024

	REF NO.	LANE 2 / 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
PACKING (	(CON	T.)		
SHIPPIN	G (C	Cont.)		
461-6	6839	SHIPPING/STORAGE PROTECTION	ipping need to nt to the equired by,	\$206 <b>NE</b> T
machines shipping to USA, Canada & South America.  462-1033 RUST PREVENTATIVE APPLICATOR0 Preparation for shipment - Silix applicators required for shipment by sea. Required for all machines for USA, Canada & South America			\$110 NET	
0G-8010				
0G-3	280	PACK, MISCELLANEOUS MATERIAL	0	NC

Use the reference below when ordering miscellaneous field installed kits via CMOPS to transfer to ANTARES.

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415-025