**TL642D** 

TL642D TELEHANDLER MCCONNELLSBURG, PA, USA Ship Weight lbs LIST PRICE AT DEALER

Standard Equipment:

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

Three section boom with non-metallic wear pads Automatic vertical lift

#### **POWERTRAIN**

4 Speed Powershift Transmission Hydraulically driven fan Radiator Cores Side by side engine air Engine oil Hydraulic oil and coolant Water separator Dual element air filter Spin on engine oil filter Spin on Hydraulic oil filter Planetary drive axles with full time four wheel drive Limited slip differential Wet disc service brakes Spring Applied Hydraulic Release (SAHR) park brake w/indicator light Thermal starting aid

#### **HYDRAULICS**

Gear pump

- Max Auxilary Flow: 18gpm
- System Operating Pressure: 260 bar
- Auxiliary Oprating Pressure: 240 bar

Load hold check valves on all load carrying cylinders

Auxiliary hydraulic service on the

boom head - single function

CAT XT3 hoses, couplings

#### **ELECTRICAL**

12 volt electrical socket 75 ampere alternator 1000 CCA maintenance-free battery Horn

#### **OPERATOR ENVIRONMENT**

ROPS and FOPS certified operator station isolated on rubber mounts
Boom joystick
Stabilizer levers
Frame level switch
Fully adjustable vinyl suspension seat
Seat belt & document pouch
Left & right-side rear-view mirror
Power steering with steering wheel
Load charts
Heavy duty floor mat
Fuse panel

#### OTHER STANDARD EQUIPMENT

Integral lift and tie-down points

#### **INSTRUCTIONS**

Operation and maintenance manual

**TL642D** 

TL642D TELEHANDLER
MCCONNELLSBURG, PA, USA

Ship Weight
Ibs
AT DEALER

483-9505

TL642D TELEHANDLER HRC
LANE 3 AVAILABLE FROM MCCONNELLSBURG FACTORY
Available for ADSD-N and ADSD-S (Puerto Rico only)

Includes: CAT C3.4B,75kW (100 hp) Tier 4f Engine

### **TL642D**

USE	REF NO.	LANE 3 MANDATORY	Ship Weight Ibs	LIST PRICE AT DEALER
LANE	SELECTIO	N		
	0P-9003	LANE 3 ORDER	0	NC
REGIC	NAL PACI	KAGES		
RE	GIONAL P	REPARATION PACKAGES		
L	568-7349	PREPARATION PACK, AM-N	0	NC
SPECI	AL ARRAN	NGEMENTS		
FR	AME AND	STABILIZER		
L	485-1070	FRAME, STABILIZER	0	\$9,290
L	485-1071	FRAME, STABILIZER, NONE	0	NC
SE	CONDARY	STEERING		
L	559-9834	STEERING, SECONDARY		\$343
L	559-9838	Hydraulic steering assistance in case of engine power STEERING, STANDARD		NC
HYDR	AULICS			
RIL	DE CONTR	OL		
L	565-5064	RIDE CONTROL	0	\$2,935
-	565-5007	RIDE CONTROL, NONE	0	NC
STAR	TERS, BAT	TTERIES, & ALTERNATORS		
CL	IMATE PA	CK - Includes battery selection		
L	486-3403	CLIMATE PACK, STANDARD	0	NC
L	486-3405	ONLY FOR USE WITH: 483-9505 TL642D TELEHA CLIMATE PACK, COLD WEATHER	0 duty ne oil pan,	\$5,650
F		CK HEATER if Cold Weather Climate Pack selected above, optional achines.		
L	481-1819	HEATER,ENGINE BLOCK, 110V		\$243

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USE	REF NO.	LANE 3 MANDATORY	Ship Weight lbs	LIST PRIC AT DEALER
OPEI	RATOR ENV	TRONMENT		
C	ANOPY/CA	В		
_	484-1909	CANOPY, OPEN	0	NC
_	484-2360	ONLY FOR USE WITH: 483-9505 TL642D TELEHA CAB, ENCLOSED, HEAT ONLY	0	\$4,405
-	484-1907	ONLY FOR USE WITH: 483-9505 TL642D TELEHAL CAB, ENCLOSED, AC + HEAT	0	\$9,120
V		one with an enclosed cab en canopy option includes a standard rear window		
L	473-8558	WINDOW, REAR, STANDARD	0	NC
L	553-9349	WINDOW, REAR, EXT RELEASE, ANSI	0	\$115
S	<b>EAT BELT</b> Select if requir	red		
-	470-0859	BELT, SEAT, 3"	0	\$102
A	DDITIONAL	IN CAB DISPLAY		
L	479-4531	MONITOR, ADVANCED DISPLAY  This display includes inegrated loadcharts, machine of easy access to the anti-theft system and operator prefadjustments. It will also display the input from the Reand LMIS sensors if fitted.  REQUIRED BY: 474-9845 REVERSING, CAMERA	liagnostics, ference	\$2,395
L	476-5226	MONITOR, NONE	0	NC
R	<b>POADING LIC</b> Select only if r Package inclu turn and haza	required des front headlights (right hand dip), rear taillights,		
L	482-6420	LIGHTS, ROADING, RH, STABILIZER		\$1,775
-	482-6431	ONLY FOR USE WITH: 485-1070 FRAME, STABILI LIGHTS, ROADING, RH, N/STABILIZER	0	\$1,775
N	MANUAL FO	RWARD/NEUTRAL/REVERSE CONTROLS		
L	472-7834	LEVER, MANUAL, FNR		NC
L	472-7832	ONLY FOR USE WITH: OPEN CANOPY without RO.  LEVER, MANUAL, FNR/WIPERS/IND	ADING LIGHTS	NC

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### **TL642D**

USE	REF NO.	LANE 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
OPER	RATOR ENV	IRONMENT (CONT.)		
B	ACK-UP AL	ARM		
-	485-3311	ALARM, BACK-UP, STANDARD	0	NC
L	485-3318	ALARM, BACK-UP, WHITE NOISE	0	\$128
R	OOF SUN B	PLIND		
L	477-1403	SUN SCREEN, ROOF	0	\$133
-	515-9736	SUN SCREEN, ROOF, NONE	0	NC
ΓIRES	S, RIMS, AI	ND WHEELS		
tyj yo An sh	pe cannot be g ur tire choice, ny proposed ch	wide tire availability limitations, tire brand and guaranteed. Every effort will be made to satisfy but we reserve the right to propose alternate tires. nange will be reviewed with the dealer prior to machine nachine will ship only with the dealer acceptance of the ative tire.		
TI	IRES AVAIL	ABLE FROM CATERPILLAR		
P	463-6856	TIRES, 13.00-24, CAT, G2, FOAM		\$5,360

P P	463-6856 487-7045	TIRES, 13.00-24, CAT, G2, FOAM	\$5,360 \$-590
r	467-7045	Tires are 16-ply with self cleaning tread pattern giving excellent traction and slip resistance. Enhanced sidewall compounds provide long life and resist scuffing.	Ş-390
	TIRES AVAIL	ABLE FROM CONTINENTAL	
P	559-6975	TIRES, 315/95-28, CT, SOLID	\$10,860
	TIRES AVAIL	ABLE FROM FIRESTONE	
P	463-6858	Tires are 14-ply with non-directional tread pattern, giving increased tire life (up to 3 times of Firestone SGG) with reduced fill costs, cooler running and even wear. Protective shoulder ribs and low profile vertical sidewalls reduce sidewall damage and the design and improved footprint shape reduces ground compaction and surface pressure on hard surfaces.  With foam fill for puncture protection	\$5, <b>4</b> 80

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## **TL642D**

			lbs	AT DEALER
7	S, RIMS, AI	ND WHEELS (CONT.)		
•	TIRES AVAIL	ABLE FROM FIRESTONE (Cont.)		
P	464-3076	TIRES, 370/75-28, FS, MT  Tires are 14-ply with non-directional tread pattern, gir tire life (up to 3 times of Firestone SGG) with reduced cooler running and even wear. Protective shoulder rib vertical sidewalls reduce sidewall damage and the des footprint shape reduces ground compaction and surfacen hard surfaces.	ving increased fill costs, is and low profile sign and improved	NC
отн	ER ATTACH	IMENTS		
F	ENDERS			
L	486-3477	FENDERS, CANOPY, SET OF FOUR	0	\$2,230
L	486-3478	FOR USE WITH: OPEN CANOPY FENDERS, CAB, SET OF FOUR	0	\$2,230
L	486-3475	FOR USE WITH: ENCLOSED CAB FENDER, CANOPY, SINGLE	0	NC
L	486-3476	FOR USE WITH: OPEN CANOPY  FENDER, CAB, SINGLE	0	NC
QUIC	CK COUPLE	RS		
L	484-6334	COUPLER, MANUAL, IT	0	NC
L	484-6336	COUPLER, HYDRAULIC, IT	0	\$4,160
E	TLECTRICAL This is require manual coupl	ed with a hydraulic coupler but optional with a		
L	481-2710	ELECTRICAL HARNESS, HYD QC	0 T	\$685
DOC	UMENTATIO	ON		
L	OADCHART Please select of	rs one unless ordering a Display Monitor		
Р	512-0492	LOADCHART (AM-N), STANDARD	0	NC
Р	512-0491	FOR USE WITH: MACHINES WITHOUT STABILIZER OLOADCHART (AM-N), STABILIZERS	0	NC
R	REGIONAL R	<b>EFERENCE</b>		
	0P-3917	TL642D NORTH AMERICAN ORDER	0	NC

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USE	REF NO.	LANE 3 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER
	JCTIONS	N DECAL SETS		
L	483-7766	INSTRUCTIONS, ANSI	0	NC
OPE	RATION	AND MAINTENANCE MANUAL		
	487-7066	MANUAL, OPER. MAINT. ENGLISH	0	NC
	487-7074	MANUAL, OPER. MAINT. SPANISH	0	NC

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**TL642D** 

USE	REF NO.	LANE 3 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
				22/12211

#### NOTE

#### LANE 3 OPTIONAL SELECTIONS

#### MISCELLANEOUS ORDERS

Please note: For this model, all miscellaneous orders (those which which do not include the telehandler itself) must be placed directly through ANTARES.

#### **ELECTRICAL**

#### **WORK LIGHTS**

L	485-0829	<b>WORKLIGHTS, NO A/C</b>	\$1,635		
		Package includes cab lights (2 Front, 2 Rear), 2 boom work lights and rotating beacon.			
		REQUIRES: 474-6078 ROOF CAP			
		CANNOT BE USED WITH: AIR CONDITIONING			
L	566-6817	WORKLIGHTS, LED, NO A/C	\$1,600		
		Package includes LED cab lights (2 Front, 2 Rear), 2 LED boom work			
		lights and LED strobe beacon. REQUIRES: 474-6078 ROOF CAP			
		CANNOT BE USED WITH: AIR CONDITIONING			
L	485-0828	WORKLIGHTS, A/C COMPATIBLE	\$1,635		
		Package includes cab lights (2 Front, 2 Rear), 2 boom work lights and			
		rotating beacon.			
	FCC C002	ONLY FOR USE WITH: ENCLOSED CABS WITH AIR CONDITIONING	61 600		
L	566-6803	WORKLIGHTS,LED, A/C COMPATIBLE	\$1,600		
		lights and LED strobe beacon.			
		ONLY FOR USE WITH: ENCLOSED CABS WITH AIR CONDITIONING			
L	472-7841	BEACON, ROTATING	\$287		
		CANNOT BE USED WITH: ANY WORKLIGHT SELECTION	+0=0		
L	566-6781	BEACON, LED STROBE	\$359		
		CANNOT BE USED WITH: ANY WORKLIGHT SELECTION			
	REVERSING A	AIDS			
L	472-1027	REVERSING, SENSOR	\$2,040		
L	474-9845	REQUIRES: 479-4531 MONITOR, ADVANCED DISPLAY	\$424		
OP	ERATOR ENV	IRONMENT			
USB CHARGING POINT					
L	500-4484	USB CHARGING POINT	\$62		

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TL642D

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#### **TECHNOLOGY PRODUCTS**

#### PRODUCT LINK READY ARRANGEMENT

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. contact your Cat marketing representative with any questions. These packages contain everything necessary to connect Product Link equipment to this machine.

The equipment itself is available from Parts Ordering.

L	501-3002	PRODUCT LINK READY, A/C	3
L	501-3003	PRODUCT LINK READY	}
GU.	ARDS		
	ROOF CAP		
L	474-6078	<b>ROOF CAP</b> 0 \$183	3

REQUIRED BY: 479-2701 WORKLIGHTS, NO A/C or 566-6817 WORKLIGHTS, LED, NO A/C 501-3005 PRODUCT LINK READY 501-3007 PRODUCT LINK READY, LRC

#### **BRICK GUARDS**

P	471-9523	BRICK GUARD, FRONT SCREEN	\$1,385
P	472-0940	BRICK GUARD, ROOF	\$1,450

#### **OTHER ATTACHMENTS**

#### WASHER/WIPER SYSTEM

Only available on enclosed cabs. Please note, while the rear washer/wiper may be ordered alone, the roof washer wiper can only be ordered together with the rear washer/wiper.

L	471-6158	WASHER/WIPER, REAR	0 <b>\$428</b>
L	497-5480	WASHER/WIPER, ROOF	0 <b>\$745</b>
	LOCKS		

LOCKS, SET OF FOUR ...... 479-6044 \$142

### **TL642D**

JSE	REF NO.	LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRIC
ОТНЕ	R ATTACH	MENTS (CONT.)		
	OOM BRUS	·		
-	481-2709	BOOM BRUSH	0	\$750
W	HEEL CHO	CK		
•	550-9000	WHEEL CHOCK	0	\$225
TC	OOL BOX			
•	550-9102	TOOL BOX		\$398
VOR	K TOOLS			
	<b>A<i>RRIAGES</i></b> Please order a	s installed		
/	474-2531	CARRIAGE, STANDARD 50"		\$2,040
1	476-5227	50" (1270mm) wide with load backrest and 2.25" (5" CARRIAGE, STANDARD 60"	0	\$2,196
/	474-2532	60" (1524mm) wide with load backrest and 2.25" (5' CARRIAGE, STANDARD 72"	0	\$2,239
/	474-0141	72" (1830mm) wide with load backrest and 2.25" (5' CARRIAGE, SIDE SHIFT, 48"		\$6,772
/	309-4315	CARRIAGE, SIDE TILT/ROTATE 50"		\$3,825
/	309-4316	50" (1270mm) wide with load backrest and 2.25" (57mm) floating shaft CARRIAGE, SIDE TILT/ROTATE 72"		\$5,208
V	318-9222	72" (1830mm) wide with load backrest and 2.25" (5' CARRIAGE, SWING 100 DEGREES		\$8,008
٧	397-6838	73" (1854mm) wide with load backrest and 2.25" (5' CARRIAGE, HYD FORK POSN 50"		\$9,078
		50" (1270mm) wide with load backrest and 2.25" (5' ONLY FOR USE WITH: 301-9753 FORK, PALLET 550-9930 FORK, PALLET	7mm) floating shaft 60x125x1220MM(2.36"x	5"x48")or
V	555-1350	CARRIAGE, HYD FRK POSN, 50"	•	\$7,239
		ONLY FOR USE WITH: 301-9753 FORK, PALLET 550-9930 FORK, PALLET		
V	555-1351	CARRIAGE, HYD FRK POSN, 72"	0	\$8,260
		ONLY FOR USE WITH: 301-9753 FORK, PALLET 550-9930 FORK, PALLET		
	-	FORK MOUNTED carriage which must also be selected		
٧	343-9736	PLATFORM,FORK MOUNTED4'X8'ANSI	0	\$3,432

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USE	REF NO.	LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
WOF	RK TOOLS	(CONT.)		
		us "installed". carriage which must also be selected. , order must specify a quantity of 2 forks		
w	301-9752	FORK, CUBING 2" X 2" X 48"	76	\$404
W	301-9755	FORK, PALLET 2.36" X 4" X 48"	0	\$568
W	301-9753	FORK, PALLET 2.36" X 5" X 48"	0	\$665
W	301-9754	FORK, PALLET 2.36" X 60"		
W	301-9756	FORK, LUMBER 1.75 X 7 X 60"	\$1,240	
W	311-2854	FORK, DUAL TAPER 2" X 6" X 72"		
W	323-5737	FORK, LUMBER 1.5" X 6" X 60"	245	\$1,250
w	550-9930	For use with 2.25" (57mm) bar  FORK, PALLET, 2.36 X 5 X 60		
F	ORK EXTEN	ISION AND CLAMPS		
W	397-6114	FORK, EXTENSION, 90"	7" X 60" or 5" X 60" or	\$849
W	310-6250	CLAMPS, FORK		\$44

#### FIELD INSTALLED ATTACHMENTS

#### **WORKTOOLS**

THESE ARE AVAILABLE THROUGH THE TELEHANDLER WORKTOOL PRICE LIST PLEASE NOTE: THESE CANNOT BE ADDED TO A MACHINE ORDER.

W 169-3945 TRUSS BOOM

Length 13'2" (4 meters)

Rated Capacity 1100lb (500kg)

Includes swivel hook

W 169-6460 HOOK, LIFTING

Length 19.7 in (500mm) Includes swivel hook

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### **TL642D**

USE REF LANE 3 OPTIONAL	Ship Weight Ibs	LIST PRICE AT DEALER
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### FIELD INSTALLED ATTACHMENTS (CONT.)

#### WORKTOOLS (Cont.)

W	163-4261	BUCKET, GP 1.31 CYD
		Rated Capacity 1.31 cyd, Width 95"
		Includes bolt-on cutting edge & spillguard
W	186-5838	BUCKET-MH, 1.95 YD3
		Material Handling Bucket
		Rated Capacity 1.95 cyd, Width 94"
		Includes bolt-on edge
W	163-4265	BUCKET-MP, 1.3 CYD
		Rated Capacity 1.3 cyd, Width 94"
		Includes bolt-on cutting edge
W	229-9714	ARM, MATERIAL HANDLING
		For handling of bulky objects. Manually adjustable to 3 positions
		Refer to the Operation Maintenance Manual or the Caterpillar
		Performance Handbook for applications and Loadchart.

#### WORKTOOLS (Continued)

THESE ARE ONLY AVAILABLE THROUGH PARTS ORDERING. PLEASE NOTE: THESE CANNOT BE ADDED TO A MACHINE ORDER.

W	474-0144	TRUSS BOOM, 12', 2000LB
W	474-0145	TRUSS BOOM, 15', 2000LB
W	474-0147	TRUSS BOOM,12', 2000LB, WINCH
W	491-9893	TRUSS BOOM, 3' WITH WINCH
W	486-0529	HOPPER, TIPPING
w	486-0528	BROOM, PICK UP, WIDTH 102"
W	474-0139	CARRIAGE, STANDARD, 60"
w	474-0148	BUCKET-GP, 2.0 YD3
W	474-0142	BUCKET-GP, GRAPPLE, 1.7 YD3

#### **PACKING**

#### **MACHINE PACKING**

Must Select

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