

LORAIN MODEL LC400 CRAWLER CRANE

MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>CRAWLER &amp; AXLE PARTS:</b>			
Crawler Axles - Lower Crawler Rollers.....	440-1-A6	A10	✓
Drive Tumbler Shaft..... Sheet 1	440-1-B2	B3	✓
Idler Tumbler Shaft & Crawler Adjusting Bolts..... Sheet 2			
Crawler Shoes.....	435-1-C7	C8	✓
Crawler Frames & Traction Drive Chains.....	435-1-D4	D5	✓
<b>CARBODY &amp; LOWER TRACTION SHAFT:</b>			
Carbody (Complete).....	435-2-A14	A18	✓
Lower Traction Shaft.....	435-2-B3	B4	✓
Steering Brake Bands & Linkage.....	435-2-C3	C5	✓
Steering Brake Chambers & Linkage..... Sheet 1	435-2-D3		✓
Air Chamber..... Sheet 2			
Steering Brake Shifters & Linkage.....	435-2-E2	E3	✓
Carbody Grease Piping.....	435-2-F2	F7	✓
Lower Traction Drive Shaft.....	435-2-G3		✓
Carbody Covers.....	440-2-H1		✓
<b>TURNTABLE WITH TAILSWING &amp; PLATFORMS</b>			
Grease Piping (Swing Shaft & Swing Pinion).....	335-3-A6		✓
Grease Piping (Boom Hoist, Drum & Countershaft).....	335-3-B3		✓
	455S-3-D1		✓
<b>VERTICAL TRACTION SHAFT:</b>			
With Independent Traction..... Sheet 1 & 2	435-4-A4,B3	A7	✓
Without Independent Traction:			
Swing & Traction Gear Case..... Sheet 1	435-4-A3,B4		
Vertical Traction Shaft..... Sheet 2			B7
<b>VERTICAL SWING SHAFT:</b>			
With Independent Traction..... Sheet 1 & 2	435-5-A6,B4		
Without Independent Traction:			
Vertical Swing Shaft.....	435-5-A5	A12	✓
Vertical Swing & Traction Drive Shafts.....	435-5-B3	B-6	✓
Swing To Traction Shifter..... Sheet 1	435-5-C5		
Air Chamber..... Sheet 2			
COUNTERSHAFT.....	335-6-A2	A3	✓

Column 1 — Page No. listed in column 1 indicates that original page number has changed to cover progressive improvements.

Column 2 — Pages checked (✓) are used on Machine Serial Number C-18417

LORAIN MODEL LC400 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
BOOM HOIST DRUM SHAFT.....	335-7-A3		✓
Clutch (Boom Hoist Drum)..... Sheet 1	335-7-B1	B-2	✓
Quick Release Valve..... Sheet 2			
Air Chamber..... Sheet 3			
Clutch (Power Boom Lowering).....	335-7-C3	C-6	✓
Boom Hoist Drum (Without Power Boom Lowering).....	335-7-C4		
Clutch (Power Load Lowering-Left Hand).....	335-7-D2	D-4	✓
Clutch (Power Load Lowering-Right Hand).....	335-7-E2		
Spacers & Sectional Views.....	335-7-F		✓
MAIN DRUM SHAFT.....	335-8-A5	A-6	✓
Drum Shaft Clutch Spider & Linkage.....	335-8-B3		✓
Air Chamber..... Sheet 2	335-8-B2		✓
Drum Shaft Clutch Band & Linkage.....	335-8-C2		✓
Third Drum Changeover Parts.....	335-8-D1		✓
LAGGINGS.....	440-9-A		✓
Drum Rotation Indicator (Visual Type).....	440-9-C1		✓
Drum Rotation Indicator (Touch Type).....	440-9-C2		✓
"A" FRAME.....	335-11-A2	A-7	✓
"A" Frame Yoke.....	335-11-B5,C4	B-5 C-7	✓
POWER & RELATED PARTS: (Variable - Refer To Index Page 13 For Listing Of Applicable Pages)	- 12 -		
BRAKES & FOOT PEDALS:			
Pedal Assemblies (Main Drum Brakes).....	335-14-A2		✓
R. H. Linkage Assembly.....	335-14-B4	B-5	✓
L. H. Linkage Assembly.....	335-14-C2		✓
Main Drum Brakes.....	335-14-D6	D-7	✓
Boom Hoist Brake.....	335-14-E2	E-3	✓
Air Chamber.....	335-14-F2		✓
Boom Hoist Pawl.....	335-14-G4		✓
Swing Brake Assembly..... Sheet 1	335-14-H3	H-4	✓
Disk Brake..... Sheet 2			
Air Chamber..... Sheet 3			
Power Boom & Load Lowering Brakes..... Sheet 1	335-14-K5	K-16	✓
Air Chamber..... Sheet 2			

LORAIN MODEL LC100 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>AIR SYSTEM INSTALLATION (Continued):</b>			
Without Independent Traction:			
Boom Hoist Clutch Knockout & Piping.....	335-16-S3		
R. H. Power Load Lowering Air Piping.....	335-16-T2		
L. H. Power Load Lowering Air Piping.....	335-16-U3		
3-rd Drum Clutch & Brake Air Piping.....	435-16-V4		
With Independent Traction			
Air Reservoir & Related Parts.....	335-16-A2	A-3	✓
Air System Filter, Lubricator, Regulator, Moisture Ejector & Relay Valve..... Sheet 1	435-16-B11	B-6	✓
Relay Valve Ass'y..... Sheet 2			
Supply Piping To Panel, Relay Valve & Manifold.....	435-16-C4		✓
Lever Bank & Supply Piping From Manifold..... Sheet 1	435-16-D8	D-13	✓
Air Control Valve Ass'y..... Sheet 2			
Lever Bank To Manifolds Air Piping - Valve Exhaust Lines.....	335-16-E	E-1	✓
Instrument Panel Air Controls..... Sheet 1	435-16-F23	F-42	✓
Selector Valve Ass'y (Steering)..... Sheet 2			
Instrument Panel Air Piping.....	435-16-G13	G-32	✓
Traction Drive Air Piping:			
Without 3rd Drum.....	435-16-H7	H-22	✓
With 3rd Drum.....	435-16-H6		
R. H. & L. H. Drum Clutches Air Piping.....	435-16-J6		✓
Piping For Moisture Ejector & Boom Hoist Clutch:			
With Power Boom Lowering.....	335-16-K2		✓
Without Power Boom Lowering.....	435-16-K3		
Swing Drive Air Piping:			
With Single & 3 Speed Power Take-Off.....	335-16-L7		
With Twin Disc Converter (D. D. Engine Only).....	335-16-L6	L-8	✓
Piping For Power Boom Lowering, Boom Hoist Pawl &			
Boom Hoist Brake..... Sheet 1	335-16-M2	M-5	✓
Quick Release Valve Ass'y..... Sheet 2			
Piping For Boom Hoist Pawl (W/O Power Boom Lowering).....	435-16-M3		
Piping For Swing Brakes & Boom Hoist Brake Release:			
With Power Boom Lowering.....	335-16-N2	N-3	✓
Without Power Boom Lowering.....	435-16-N4		

LORAIN MODEL LC400CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

ISSUED: November, 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>AIR SYSTEM INSTALLATION: (continued)</b>			
<b>With Independent Traction</b>			
Vertical Air Tube & Lower Air Piping.....	435-16-P2		✓
Steering Valve To Vertical Air Tube Piping.....	435-16-Q2		✓
Air Hose Supports, Brackets & Clamps.....	435-16-R3	R-5	✓
Boom Hoist Clutch Knockout & Piping.....	335-16-S3	S-4	✓
R. H. Power Load Lowering Air Piping.....	335-16-T2		✓
L. H. Power Load Lowering Air Piping.....	335-16-U2	U-3	✓
3-rd Drum Clutch & Brake Air Piping.....	435-16-V3	V-5	✓
<b>With Detroit Diesel Engine:</b>			
Compressor Supply Piping, Compressor Governor & Alcohol Evaporator.....	335-16-W3	W-12	✓
Compressor Unloader Piping.....	335-16-X2	X-7	✓
<b>Engine Throttle Air Piping:</b>			
Without Independent Traction.....	335-16-Y10		
With Independent Traction.....	435-16-Y11	Y-12	✓
With Twist Type Throttle Control.....	440-16-Z1		
LIFTING SLINGS (Hydraulic Counterweight Removal).....	435-17-Z1		
COUNTERWEIGHT.....	435-18-A6	A-11	✓
<b>CAB, WINDOWS &amp; GUARDS:</b>			
Operator's Section.....	335-19-A5		✓
Right Side.....	335-19-B5	B-9	✓

LORAIN MODEL LC400 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>CAB, WINDOWS &amp; GUARDS: (Continued)</b>			
Rear.....	335-19-C5	C-9	✓
Front Center Guards:			
Without Independent Traction.....	435-19-D11		
With Independent Traction.....	435-19-D12		✓
Left Side & Roof Panels.....	335-19-E3		✓
Center Roof Panel.....	335-19-F4	F-6	✓
Center Roof Rain Guard.....	335-19-G3	G-6	✓
Windows & Guards:			
All Machines Except D. D. Engine W/Torque Converter.....	335-19-H6		
With D. D. Engine W/Torque Converter.....	335-19-H7		✓
Power Load Lowering Chain Guards:			
With Power Load Lowering (Left Hand Only).....	335-19-J3	J-7	✓
With Power Load Lowering (Both Sides).....	335-19-J5		
Without Power Load Lowering.....	335-19-J6		
Left Front Panels:			
With Independent Traction			
Without Third Drum.....	435-19-K14		
With Third Drum.....	435-19-K8	K-20	✓
Without Independent Traction			
With Third Drum.....	435-19-K11		
Without Third Drum.....	435-19-K15		
Operator's Section Enclosure.....	335-19-M1	M-3	✓
Ladders With Catwalks.....	440-19-N2	N-4	✓
Ladders Without Catwalks.....	440-19-N1		

MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.		
		1	2

CRANE ATTACHMENT

Inner & Outer Boom Sections.....	335-20-A9	A25	✓
Boom Inserts (10' & 20').....	335-20-B5		
Boom Point Parts:			
With Standard Suspension			
One Sheave.....	335-20-C7,P18		
Four Sheaves.....	335-20-C9,P20		
With Pendant Suspension			
One Sheave.....	335-20-C10,P18		
Two Sheaves.....	335-20-C11,P15	2119	✓
Four Sheaves.....	335-20-C12,P20	2120	✓
Jib Boom:			
Inner & Outer Sections - Boom Point.....	335-20-E5		
Suspension Strut.....	335-20-F4		
Jib Boom Inserts.....	335-20-G3		
Telescopic Boom Limit Stops.....	335-20-H3		
Cable Rollers & Guides.....	335-20-K3		
Transporting Parts:			
Base Boom.....	335-20-L2		
Single Insert & Boom Point.....	335-20-S1		
Multiple Insert & Boom Point.....	335-20-S2	5-5	✓
Whip Line Fairlead.....	335-20-U1		
CABLES & ANCHORS:			
Lift Crane Cables & Anchors.....	335-24-A3	A5	✓
Clamshell & Dragline Cables & Anchors.....			

LORAIN MODEL LC100 CRAWLER CRANE

MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>CABLES &amp; ANCHORS: (Continued)</b>			
Pendant Equalizer:			
With Angular Boom.....	335-24-C4		
With Tubular Boom.....	335-24-C5	C-10	✓
Pendant Cables.....	335-24-D3-D7		✓
Jib Boom Cables & Anchors:			
With Tubular Boom.....	335-24-E1		
Jib Boom Pendant Cables W/ 5/8" Hoist Cables.....	335-24-F1		
<b>TAGLINE UNIT (For Clamshell):</b>			
With Tubular Boom.....	335-26-A1	A-4	✓
With Angular Boom.....	335-26-A3		
CHAIN TIGHTENERS (For Power Load Lowering).....	335-27-A3		✓
<b>FLOODLIGHTING:</b>			
Automotive Type..... Sheet 1			
Wiring Diagram..... Sheet 2	335-28-A1		
With Independent Light Plant (Kohler 3.5 KW):			
Light Plant.....	335-28-A2		
Floodlights.....	335-28-B2		
Condulets & Connectors.....	335-28-C2		
Conduit & Wiring.....	335-28-D3		
Crane Boom Lights..... Sheets 1 & 2	335-28-E1		
TOOLS & ACCESSORIES.....	335-29		✓
FOOT FAIRLEAD (For Dragline).....	335-31-A2		
OPERATOR'S SEAT.....	335-32-A1	A-2	✓
35 TON HOOK & BLOCK.....	335-33-A3		
40 TON HOOK & BLOCK.....	440-33-A6		
5 TON HOOK & BALL.....	335-33-A15		
NAME PLATES.....	435-34-A13	A-30	✓
<b>AUXILIARY THIRD DRUM:</b>			
Drum Shaft.....	335-38-A5	A-6	✓
Drum Clutch.....	335-38-B2	B-4	✓
Drum Brake.....	335-38-C4	C-6	✓

LORAIN MODEL LC400 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>AUXILIARY THIRD DRUM: (Continued)</b>			
Cable Guides:			
With Tubular Boom.....	335-38-D2	D-6	✓
LIFTING SLINGS.....	435-40-A2		
ELECTRIC HORN & WIRING.....	335-42-A1	A1	✓
WINDSHIELD WIPER.....	335-42-C1	C2	✓
SWING LOCK.....	335-43-A1		
CATWALKS.....	335-44-A2,B2	A3, B3	✓
CRANE BOOM ANGLE INDICATOR.....	335-48-A1		✓
<b>HYDRAULIC SYSTEM WITHOUT CONVERTER:</b>			
Tank & Filler Piping..... Sheet 1	} 335-52-A2		
Oil Filter & Installation..... Sheet 2			
Oil Filter Ass'y..... Sheet 3			
Hydraulic Pumps & Motors..... Sheet 1	} 335-52-B8		
Hydraulic Pump Ass'y..... Sheet 2			
Hydraulic Motor Ass'y..... Sheet 3			
Suction Piping:			
Without Independent Traction.....	335-52-C3		
With Independent Traction.....	435-52-C4		
Pressure Piping (Swing)..... Sheet 1	} 335-52-D7		
Restrictor Valve..... Sheet 2			
Pump & Motor Coolant Lines.....	335-52-E4		
Restrictor Piping.....	335-52-F5		
Pressure Piping (Traction).....	435-52-G2		
Return Piping (Traction).....	435-52-H1		
<b>HYDRAULIC SYSTEM WITH CONVERTER:</b>			
Tank & Fuel Piping..... Sheet 1	} 335-52-A3		
Oil Filter Installation..... Sheet 2			✓
Oil Filter Ass'y..... Sheet 3			
Hydraulic Pumps & Motors:			
Without Independent Traction.....	335-52-B6		
With Independent Traction.....	335-52-B7	B-1	✓
Suction Piping:			
Without Independent Traction.....	335-52-C5		
With Independent Traction.....	335-52-C6		✓



LORAIN LC400 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>HYDRAULIC SYSTEM WITH CONVERTER: (Continued)</b>			
Pressure Piping (Swing).....	335-52-D8	D-13	✓
Pump & Motor Coolant Lines.....	335-52-E5	E-7	✓
Restrictor Piping.....	335-52-F6	F-20	✓
Pressure Piping (Traction).....	335-52-G3		✓
Return Piping (Traction).....	335-52-H1		✓
<b>POWER TAKE-OFF &amp; GEAR CASE:</b>			
<b>With 3 Speed Transmission</b>			
Power Take-Off.....	Sheet 1	}	
Engine Clutch Ass'y.....	Sheet 2		
Drive Case Pump Drive Gears.....	Sheet 3		
Drive Case Main Drive Shaft & Parts.....	Sheet 4		
Transmission Shifting Parts.....	Sheet 5		
Gear Case & Installation.....	335-54-B5		
Chain Case & Installation.....	335-54-C5		
Chain Case Oil Piping.....	335-54-D2		
Chain Case Guard Without Third Drum.....	440-54-K1		
Gear Case Guard With Third Drum.....	440-54-K2		
<b>With Single Speed Transmission</b>			
Power Take-Off.....	335-54-A4		
Gear Case & Installation.....	335-54-B5		
Chain Case & Installation.....	335-54-C5		
Chain Case Oil Piping.....	335-54-D2		
Transmission Ass'y.....	335-54-E4		
Gear Case Ass'y:			
Without Independent Traction.....	335-54-F2		
With Independent Traction.....	435-54-F3		
Chain Case Guard Without Third Drum.....	440-54-K1		
Gear Case Guard With Third Drum.....	440-54-K2		
<b>With 3 Stage Torque Converter</b>			
Power Take-Off.....	Sheet 1	}	
Engine Clutch Ass'y.....	Sheet 2		
Gear Case & Installation.....	335-54-B5	A-9	✓
Chain Case & Installation.....	335-54-C4	B-7	✓
Chain Case Oil Piping.....	335-54-D2	C-6	✓
Converter Oil Piping.....	335-54-E3		✓
Pump Drive Case & Main Drive Shaft.....	335-54-F4	E-8	✓
Upper Idler & Swing & Lower & Upper Traction		F-6	✓
Idler Shaft.....	335-54-G2		✓
Upper Idler & Swing Drive Shafts.....	335-54-H1	G-4	✓

LORAIN LC400 CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>POWER TAKE-OFF &amp; GEAR CASE: (Continued)</b>			
With 3 Stage Torque Converter			
Upper Idler & Swing & Traction Drive Shafts.....	335-54-H2	H-2 ✓	✓
Converter Drain Piping.....	335-54-J1	J-2 ✓	✓
Chain Case Guard Without Third Drum.....	440-54-K1		✓
Gear Case Guard With Third Drum.....	440-54-K2		✓
<b>HYDRAULIC CRAWLER FRAME WIDENING &amp; COUNTERWEIGHT REMOVAL:</b>			
With Detroit Diesel Engine:			
Control Valve & Pump Drive.....	335-55-A10		✓
Supply & Return Piping - Pump To Control Valve.....	335-55-B4	B-8 ✓	✓
Without Third Drum:			
Cylinder Bracket & Hose Rack.....	335-55-C2		
Cylinders & Piping.....	335-55-D1		
Cylinder Ass'y.....			
With Third Drum:			
Cylinder Bracket & Hose Rack.....	335-55-C3	C-7	
Cylinders & Piping.....	335-55-D2		

LORAIN MODEL LC400CRAWLER CRANE  
MACHINE RECORD INDEX

LORAIN DIVISION

Issued: Sept., 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
PERSONNEL HEATER.....	335-57-A2	<i>A-6</i>	<input checked="" type="checkbox"/>
Heater Piping:	<i>B-5</i>	.....	<i>W</i>
With Detroit Diesel Engine.....	335-57-C5	.....	.....

MODEL LC400  
MACHINE RECORD INDEX

KDEHRING DIVISION

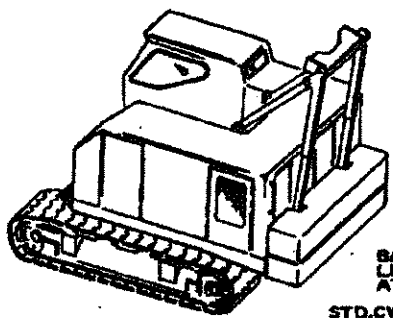
ISSUED: November, 1978

DESCRIPTION	ORIGINAL PAGE NO.	1	2
<b>POWER &amp; RELATED PARTS (Detroit Diesel Engine):</b>			
Engine & Supports.....	335-12-A7	A-22 ✓	✓
Fuel Piping & Engine Oil Drain Piping.....	335-12-C3	C-10 ✓	✓
Governor Remote Control:			
Air Operated Control.....	335-12-E3		
Air Cylinder Ass'y.....			
Sheet 1			
Sheet 2			
Mechanical Operated Control.....	335-12-E11	E19 ✓	✓
Engine Clutch Shifter.....	335-12-F2	F4 ✓	✓
Engine Wiring & Sending Units.....	335-12-G3	G20 ✓	✓
Air Intake & Exhaust Piping.....	335-12-H5	H14 ✓	✓
Oil Cooler, Radiator, Shroud & Fan Guard.....	335-12-J5	J18 ✓	✓
Radiator Piping.....	335-12-K3	K17 ✓	✓
Transmission Shift Linkage.....	335-12-L2	L7 ✓	✓
Drive Case Drain Piping:			
With 3 Speed Transmission.....	335-12-M2	M9 ✓	✓
With 1 Speed Transmission.....	335-12-M3		
Cold Starting Aid - Engine Stop Control.....	335-12-P5	P12 ✓	✓
Instrument & Panel Wiring.....	435-12-Q12	Q36 ✓	✓
Conduit Arrangement & Instrument Wiring.....	335-12-R5	R10 ✓	✓
Battery Installation.....	335-12-S2		
Wedge Rod Assembly.....	335-12-T1	T2 ✓	✓
Fuel Tank Installation.....	335-12-U4	U9 ✓	✓
Foot Throttle Installation:			
Air Operated Throttle.....	335-12-V1	V3 ✓	✓
Two-Way Check Valve.....			
Air Valve Ass'y.....			
Sheet 1			
Sheet 2			
Sheet 3			
Mechanical Operated Control.....	335-12-V3		
Engine Remote Control.....	335-12-X1	X3 ✓	✓
Twist Type Throttle Control.....	440-12-Y1		
Twist Type Throttle Control Piping.....	440-12-Z1		

# 440 SPANNER

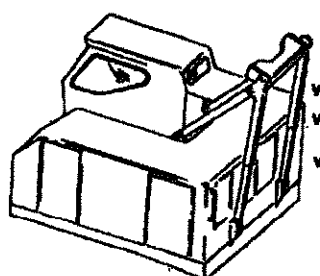
## WEIGHT BREAKDOWN:

### Base Machine -

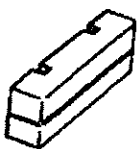


BASE MACHINE, LESS COMPLETE ATTACHMENT

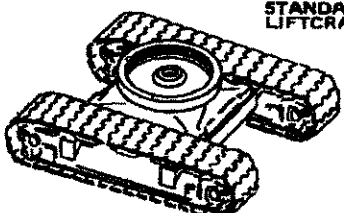
STD.CWT. LIFT CWT.  
 WITH 30" SHOES 69,790 LBS 75,840 LBS  
 WITH 36" SHOES 71,710 LBS 78,560 LBS



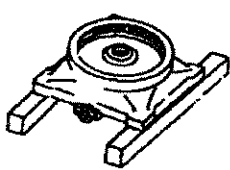
UPPER MACHINERY, LESS COUNTERWEIGHT, 25,300 LBS  
 WITH POWER BOOM LOWERING, ADD 375 LBS  
 WITH POWER LOAD LOWERING, ADD 450 LBS ONE DRUM  
 ADD 900 LBS BOTH DRUMS  
 WITH 3RD DRUM ADD 1,300 LBS



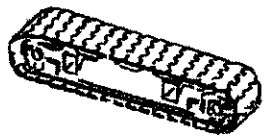
COUNTERWEIGHT  
 STANDARD (ONE PIECE) 15,750 LBS  
 LIFTCRANE (TWO PIECE) 22,500 LBS



LOWER MACHINERY  
 WITH 30" SHOES 21,840 LBS  
 WITH 36" SHOES 30,760 LBS

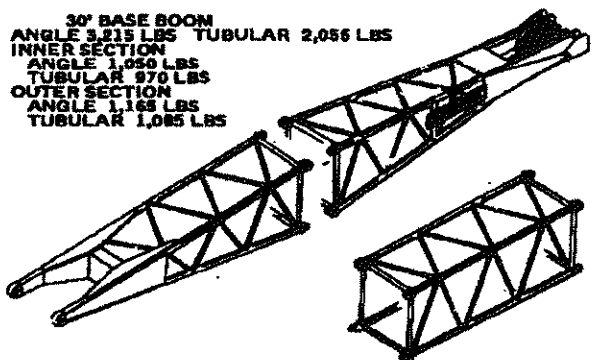


CARBODY ASS'Y WITH AXLES & LOWER TRACTION SHAFT 9,060 LBS



CRAWLER FRAME ASS'Y  
 WITH 30" SHOES 9,440 LBS EA.  
 WITH 36" SHOES 10,400 LBS EA.

### Attachment -



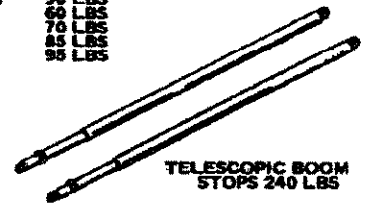
30' BASE BOOM  
 ANGLE 3,215 LBS TUBULAR 2,056 LBS  
 INNER SECTION  
 ANGLE 1,050 LBS  
 TUBULAR 970 LBS  
 OUTER SECTION  
 ANGLE 1,165 LBS  
 TUBULAR 1,085 LBS

BOOM INSERTS

10' ANGLE	640 LBS
10' TUBULAR	425 LBS
15' ANGLE	900 LBS
20' ANGLE	1,150 LBS
20' TUBULAR	740 LBS



PENDANT CABLES  
 FOR BASE BOOM 90 LBS  
 FOR 5' INSERT 60 LBS  
 FOR 10' INSERT 70 LBS  
 FOR 15' INSERT 85 LBS  
 FOR 20' INSERT 95 LBS



TELESCOPIC BOOM STOPS 240 LBS



EQUALIZER 310 LBS



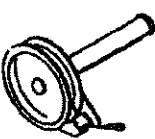
40 TON HOOK BLOCK 900 LBS



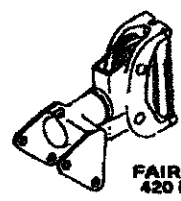
CABLE  
 7/8" DIA. 123 LBS PER 100'  
 3/4" DIA. 95 LBS PER 100'  
 9/16" DIA. 86 LBS PER 100'



5 TON HOOK & BALL 280 LBS

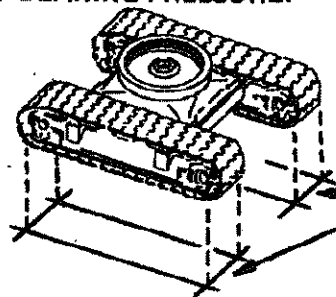


TAGLINE 300 LBS



FAIRLEAD 420 LBS

## CRAWLER BEARING PRESSURE:

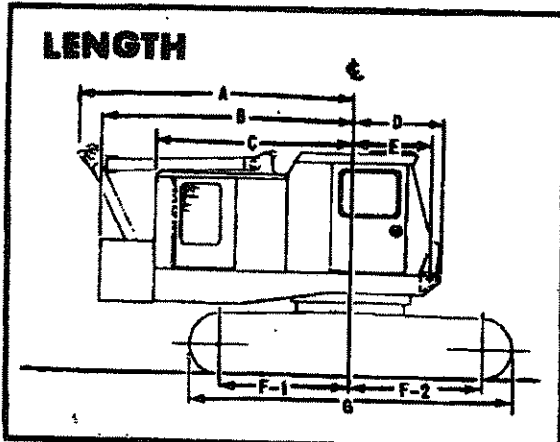


$$\text{GROUND BEARING PRESSURE (IN POUNDS PER SQ. IN.)} = \frac{\text{MACHINE TOTAL WEIGHT}}{\text{BEARING AREA}}$$

TOTAL BEARING AREA\*  
 30" SHOES - BOTH CRAWLER FRAMES 9,820 SQ. IN.  
 36" SHOES - BOTH CRAWLER FRAMES 11,665 SQ. IN.

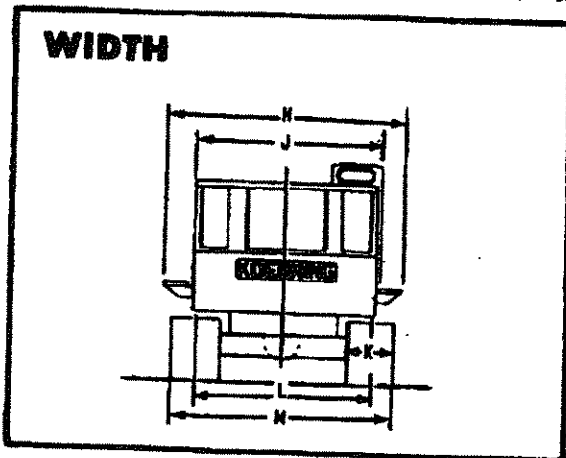
\* AS PER P.C.S.A. STANDARD No.1

**GENERAL DIMENSIONS:**

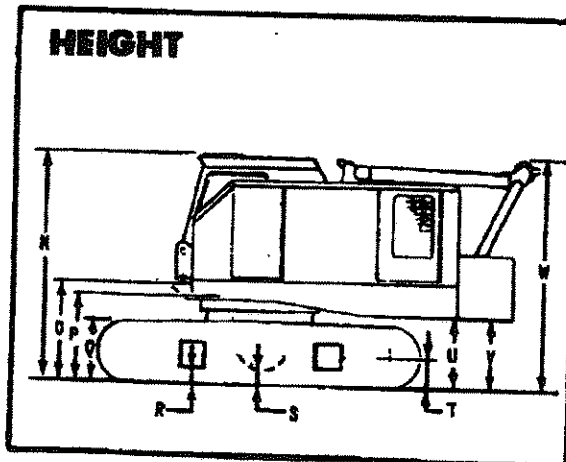


KEY	DESCRIPTION	DIR.
<b>Length:</b>		
A	Centerline Of Rotation To: Gantry Low Position	11'-7-1/4"
	Gantry High Position	8'-9-3/4"
B	Rear Of Cwt.	11'-4"
C	Rear Corner Of Cwt.	11'-10-1/2"
D	Rear Of Cab	8'-11-1/8"
E	Front Of Turntable	5'-0"
	Center Of Boom Foot Pins	4'-0"
F-1	Center Of Drive Tumbler	8'-4"
F-2	Center Of Idler Tumbler	8'-1-3/4"
G	Overall Length Of Crawlers	15'-8"

1 1/2" = 18 1/2"



KEY	DESCRIPTION	DIR.
<b>Width:</b>		
H	Outside To Outside Catwalks	11'-3"
J	Overall Cab	7'-11"
K	Std. Crawler Shoe	36"
	Dpt. Crawler Shoe	36"
L	C.To C. Crawlers Retracted	8'-11"
	C.To C. Crawlers Extended	10'-8"
M	30" SHOES	Overall Crawlers Retracted 11'-5"
	Overall Crawlers Extended	13'-2"
	38" SHOES	Overall Crawlers Retracted 11'-11"
	Overall Crawlers Extended	13'-8"



KEY	DESCRIPTION	DIR.
<b>Height:</b>		
N	Over Cab	10'-11-1/2"
O	To Boom Foot Pin Center	4'-8"
P	Over Ring Gear	3'-10-1/2"
Q	Over Crawlers	3'-8"
R	Under Axis	1'-1-3/4"
S	Under Lower Gear Case	1'-1-1/4"
T	To Crawler Tumbler Center	3'-8"
U	Under Turntable	3'-8"
V	Under Cwt.	3'-5"
W	Over Gantry Lowered	11'-3-1/2"
	Over Gantry Raised	15'-8"