

# WEIGHTS OF COMPONENT PARTS

## ROTATING ASSEMBLY

### ADDITIONAL ROTATING PARTS (ROPES AND MISCELLANEOUS)

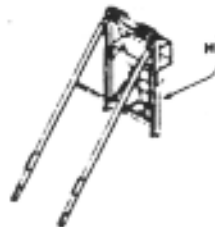
Crane ..... 11,075 Lbs.  
 Dragline ..... 14,170 Lbs.  
 Clawshell ..... 9,265 Lbs.  
 Shovel ..... 13,820 Lbs.

Fairlead (Dragline)  
 (Inc. in Addl.  
 Rot. Parts) ..... 5,580 Lbs.

Fleeting Sheaves (Shovel)  
 (Inc. in Addl.  
 Rot. Parts) ..... 3,200 Lbs.

Conical Rollers (Inc. in  
 Center Section of  
 Rot. Unit) ..... 7,700 Lbs.

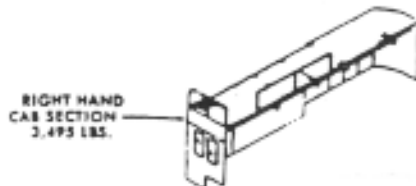
Hook Rollers (Inc. in  
 Center Section of  
 Rot. Unit) ..... 3,690 Lbs.



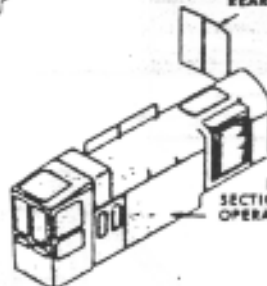
HIGH RIGID GANTRY—7,455 LBS.



ROOF PANELS—1,010 LBS.



RIGHT HAND  
 CAB SECTION  
 3,495 LBS.



REAR DOORS—345 LBS.

LEFT HAND CAB  
 SECTION INCLUDING  
 OPERATORS SECTION  
 ... 5,670 LBS.

1/2 TANK OF ENGINE  
 FUEL—1,155 LBS.  
 ENGINE RADIATOR  
 COOLANT—675 LBS.

RIGHT HAND RUNNING BOARD  
 WITH HAND RAILS ..... 940 LBS.

RIGHT HAND COUNTERWEIGHT  
 SHELL ..... 10,200 LBS.

CENTER SECTION  
 ... 124,995 LBS.

LEFT HAND COUNTER-  
 WEIGHT SHELL  
 10,200 LBS.

RIGHT HAND DECK  
 PLATES ... 1,370 LBS.

LEFT HAND DECK  
 PLATES ... 1,355 LBS.

LEFT HAND RUNNING  
 BOARD WITH HAND RAILS  
 AND LADDER ... 1,120 LBS.



RADIATOR  
 1,380 LBS.



ENGINE WITH POWER  
 TAKE-OFF AND TORQUE  
 CONVERTER—GENERATOR,  
 AIR COMPRESSOR AND  
 ACCESSORIES ... 19,410 LBS.

### TRUCK BASE:



TRUCK BASE ASSY.  
 ..... 51,670 LBS.

### CRAWLER BELT

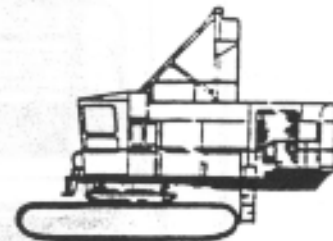


51 TREADS PER  
 BELT—63"  
 WIDTH .28,305 LBS.

### SIDE FRAMES



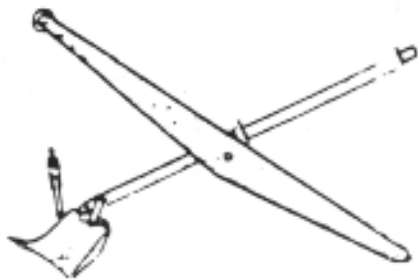
PROPEL CHAINS (EACH) ..... 1,280 LBS.  
 SIDE FRAMES (EACH) ..... 23,540 LBS.



COMPLETE MACHINE WITH 63 TREADS,  
 BUT LESS FRONT END EQUIPMENT, COUN-  
 TERWEIGHTS & ADDITIONAL ROTATING  
 PARTS ..... 348,795 LBS.

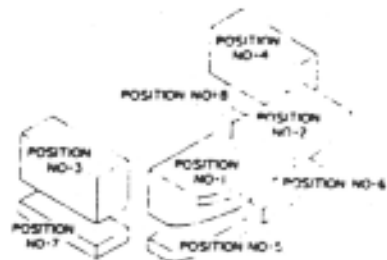
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## SHOVEL:



Shovel Capacity	Dipper Weight	Dipper Accessories	Boom Length	Boom Weight	Handle (Overall) Length	Handle Weight
8 Cu. Yd.	24,300#	6,520#	40'	37,980#	33'	33,150#
6 Cu. Yd.	15,973#	5,240#	40'	37,000#	33'	32,100#
6 Cu. Yd.	15,975#	5,240#	52'	43,785#	45'	35,300#
5½ Cu. Yd.	14,875#	5,240#	52'	43,735#	45'	33,300#
5 Cu. Yd.	13,915	5,150#	60'	52,150#	49'	36,550#
4½ Cu. Yd.	11,750#	5,390#	60'	52,150#	49'	36,550#
4½ Cu. Yd.	12,490#	5,565#	67'	54,650#	54'	37,800#
4 Cu. Yd.	9,900#	5,130#	67'	54,650#	54'	37,800#

## COUNTERWEIGHTS:



	Counterweight Position No.	Required Weight
8 Cu. Yd. Shovel—40' Boom	1-2	30,000#
6 Cu. Yd. Shovel—40' Boom	1-2	11,500#
6 Cu. Yd. Shovel—52' Boom	1-2-3-4	52,000#
5½ Cu. Yd. Shovel—52' Boom	1-2-3-4	40,000#
5 Cu. Yd. Shovel—60' Boom	1-2-3-4	52,000#
4½ Cu. Yd. Shovel—60' Boom	1-2-3-4	52,000#
4½ Cu. Yd. Shovel—67' Boom	1-2-3-4	52,000#
4 Cu. Yd. Shovel—67' Boom	1-2-3-4	52,000#
Dragline-Clemshell	1-2-3-4	52,000#
Crane	1 thru 8	71,500#

From: "NAM - SWBell" <naminc@swbell.net>  
Subject: **Lima 2400-B truck loadout plan**  
Date: September 14, 2010 11:37:38 AM CDT  
To: <fboss@aol.com>, "Bruce Christiansen" <Bruce.Christiansen@chrobinson.com>  
> 1 Attachment, 149 KB

Bruce,

Here is the Lima 2400-B truck loadout plan. See if we can keep the drums in the machinery deck to save on trucks.

Best regards,

Gregory A. Preuss  
President  
North American Machinery, Inc.

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## **Lima 2400B Dragline Loading Schedule**

- Truck #1: Rotating Deck Assembly, 105,000 lbs., 26' long, **11' wide**, 10' high.
- Truck #2: Carbody Assembly, **11' wide**, 16' long, 7' high, 65,000 lbs.
- Truck #3: Side Frame Assembly, 25' long, 5' wide, 5' high, 56,000 lbs.
- Truck #4: Side Frame Assembly, 26' long, 5' wide, 5' high, 56,000 lbs.
- Truck #5: 51' Base Boom Section, **11' wide** and misc. parts, total trailer weight under 44,000 lbs.
- Truck #6: 53' Tip Boom Section, legal width and misc. parts, total weight under 44,000 lbs.
- Truck #7: **Drop Deck Trailer Required**, 20' Boom Insert and misc. parts, legal width, total weight under 44,000 lbs.
- Truck #8: **Drop Deck Trailer Required**, Engine skid, Operators Cab and misc. parts, total weight under 44,000 lbs.

Truck #9: Two (2) Drum Set Assemblies, total weight under 44,000 lbs.

Truck # 10: **Drop Deck Trailer Required**, Left Side Cab Assembly and misc. parts, total weight under 44,000 lbs.

Truck #11: **Drop Deck Trailer Required**, Right Hand Cab Assembly and misc. parts, total weight under 44,000 lbs.

Note: If the machine has more than 120' of boom, you'll need to add at least one more trailer. Also, buckets could cause need for an add'l trailer as well.

Truck #12: 30' Boom Insert and misc. parts, total weight under 40,000 lbs.