

WEIGHTS OF COMPONENT PARTS

ROTATING ASSEMBLY

ADDITIONAL ROTATING PARTS (ROPES AND MISCELLANEOUS)

Crane 11,075 Lbs.
 Dragline 14,170 Lbs.
 Clamshell 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

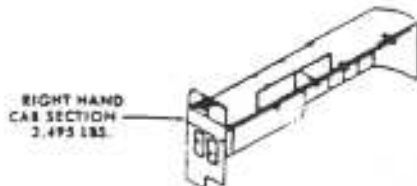
Rot. Unit) 3,690 Lbs.



HIGH RIGID GANTRY—7,455 LBS.

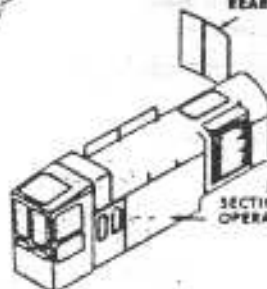


ROOF PANELS—1,010 LBS.



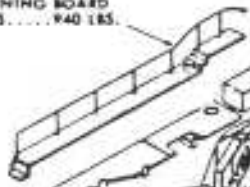
RIGHT HAND
CAR SECTION
3,495 LBS.

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



LEFT HAND CAR
SECTION INCLUDING
OPERATOR'S SECTION
... 5,670 LBS.

RIGHT HAND RUNNING BOARD
WITH HAND RAILS 940 LBS.



RIGHT HAND COUNTERWEIGHT
SHELL 10,700 LBS.

CENTER SECTION
... 124,995 LBS.

LEFT HAND COUNTER-
WEIGHT SHELL
10,700 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

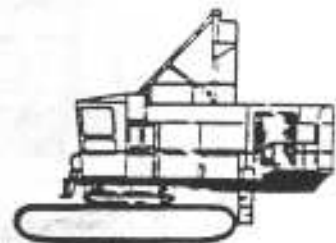


31 TREADS PER
BELT—63"
WIDTH—28,305 LBS.

SIDE FRAMES



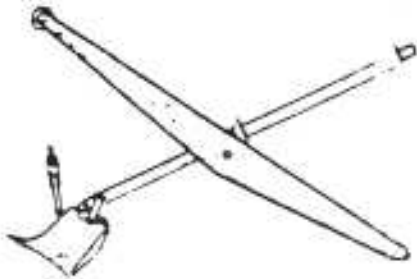
PROPEL CHAINS (EACH) 1,280 LBS.
 SIDE FRAMES (EACH) 22,540 LBS.



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

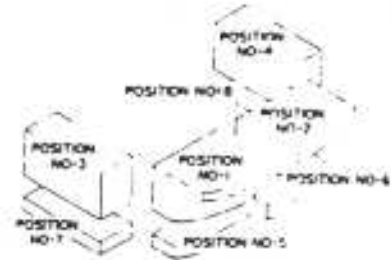
WEIGHTS OF COMPONENT PARTS

SHOVEL:



Shovel Capacity	Bucket Weight	Bucket Accessories	Boom Length	Boom Weight	Handle (Overall) Length	Handle Weight
8 Cu. Yd.	24,500#	6,530#	40'	37,980#	33'	73,150#
6 Cu. Yd.	15,975#	5,240#	40'	37,000#	33'	73,100#
4 Cu. Yd.	13,975#	5,240#	32'	43,785#	45'	75,300#
3 1/2 Cu. Yd.	14,875#	5,240#	32'	43,735#	45'	75,300#
3 Cu. Yd.	13,915#	5,150#	40'	52,150#	49'	76,350#
4 1/2 Cu. Yd.	11,750#	5,390#	40'	52,130#	49'	76,550#
4 1/2 Cu. Yd.	12,490#	5,565#	47'	54,650#	54'	77,800#
4 Cu. Yd.	9,900#	5,150#	47'	54,650#	54'	77,800#

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#
4 Cu. Yd. Shovel—32' Boom	1-2-3-4	52,000#
3 1/2 Cu. Yd. Shovel—32' Boom	1-2-3-4	40,000#
3 Cu. Yd. Shovel—40' Boom	1-2-3-4	32,000#
4 1/2 Cu. Yd. Shovel—40' Boom	1-2-3-4	32,000#
4 1/2 Cu. Yd. Shovel—47' Boom	1-2-3-4	52,000#
4 Cu. Yd. Shovel—47' Boom	1-2-3-4	52,000#
Dragline-Clamshell	1-2-3-4	52,000#
Crane	1 Req. 8	71,300#

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.

P-1

Lima 2400B Dragline Loading Schedule

- Truck #1: Rotating Deck Assembly, 105,000 lbs., 26' long, **11' wide**, 10' high.
- Truck #2: Cabin Assembly, **11' wide**, 10' long, 7' high, 65,000 lbs.
- Truck #3: Side Frame Assembly, 26' 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: 33' 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 and 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 24,000 lbs.

Truck #11: **Drop Deck Trailer Required**, Right Hand Cab Assembly and misc. parts, total weight under 24,000 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 Invert and misc. parts, total weight under 40,000 lbs.