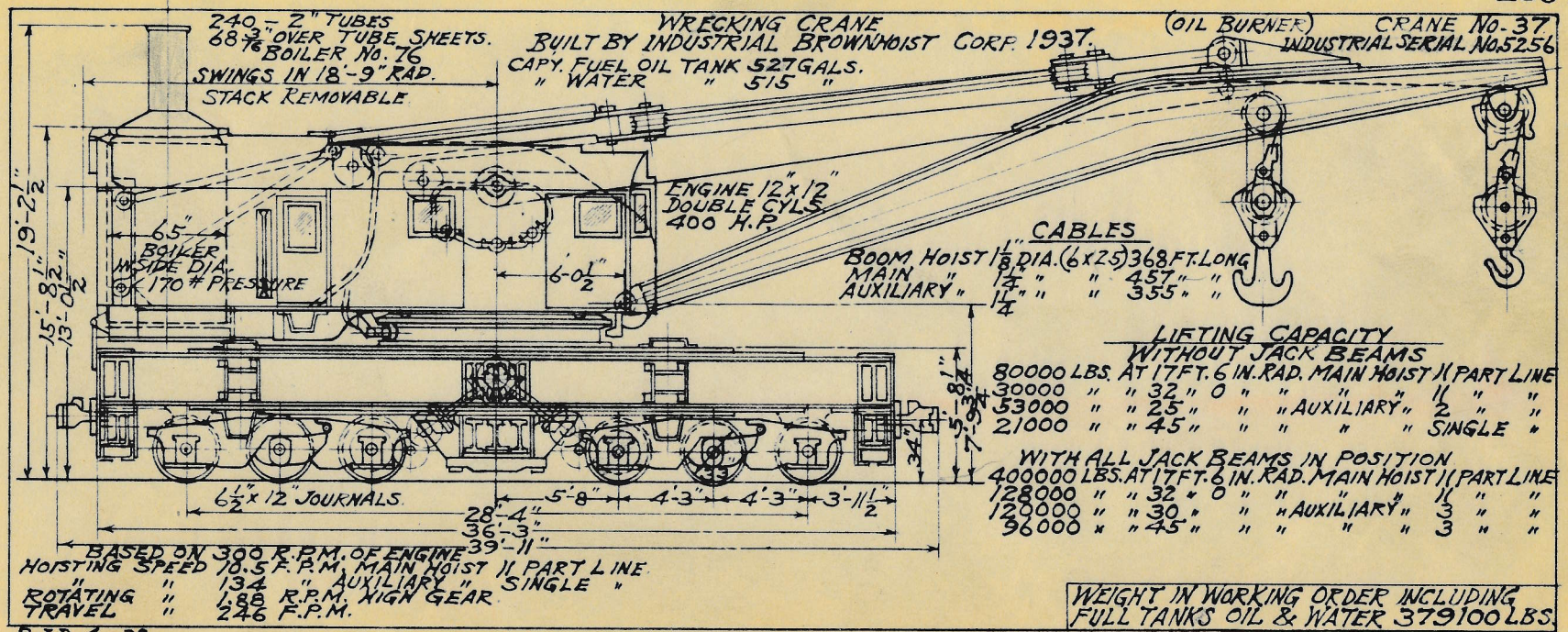
WRECKING CRANE

BUILT BY INDUSTRIAL BROWNHOIST CORP. 1937.

(OIL BURNER) CRANE NO. 37 INDUSTRIAL SERIAL NO. 5256

240 – 2" TUBES
68 3/16" OVER TUBE SHEETS.
BOILER No. 76
SWINGS IN 18'-9" RAD.
STACK REMOVABLE

CAPY. FUEL OIL TANK 527 GALS.
" WATER " 515 "



CABLES

BOOM HOIST 1 1/8" DIA. (6x25) 368 FT. LONG
MAIN " 1 1/4" " " 457 " "
AUXILIARY " 1 1/4" " " 355 " "

LIFTING CAPACITY

WITHOUT JACK BEAMS

80000 LBS. AT 17 FT. 6 IN. RAD. MAIN HOIST 11 PART LINE
30000 " " 32 " 0 " " " " 11 " "
53000 " " 25 " " " AUXILIARY " 2 " "
21000 " " 45 " " " " " SINGLE "

WITH ALL JACK BEAMS IN POSITION

400000 LBS. AT 17 FT. 6 IN. RAD. MAIN HOIST 11 PART LINE
128000 " " 32 " 0 " " " " 11 " "
120000 " " 30 " " " AUXILIARY " 3 " "
96000 " " 45 " " " " " 3 " "

BASED ON 300 R.P.M. OF ENGINE
HOISTING SPEED 10.5 F.P.M. MAIN HOIST 11 PART LINE
" 134 " AUXILIARY " SINGLE "
ROTATING " 1.88 R.P.M. HIGH GEAR
TRAVEL " 246 F.P.M.

WEIGHT IN WORKING ORDER INCLUDING FULL TANKS OIL & WATER 379100 LBS.

R.J.D. 4-38.

WRECKING CRANES

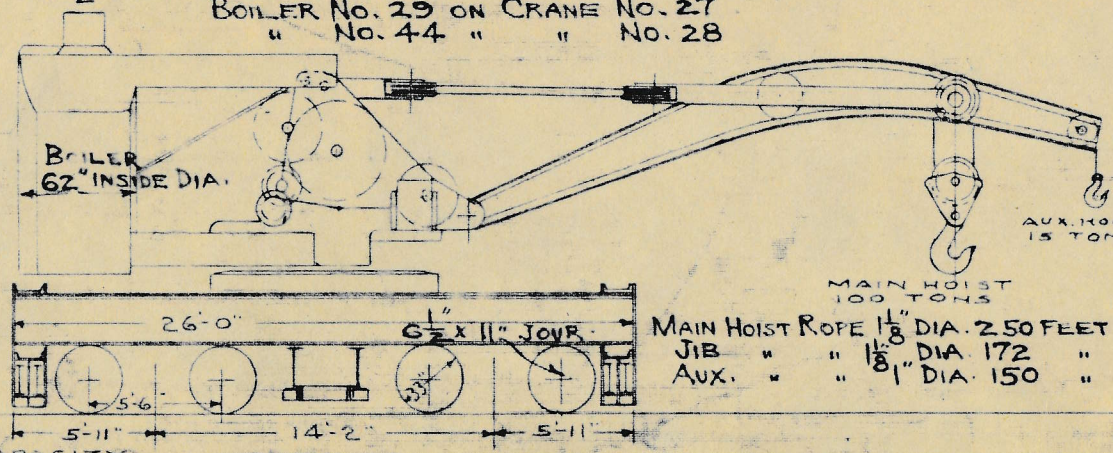
BUILT BY INDUSTRIAL WORKS

CRANE Nº 27 SERIAL Nº 1968
CRANE Nº 28 SERIAL Nº 2028

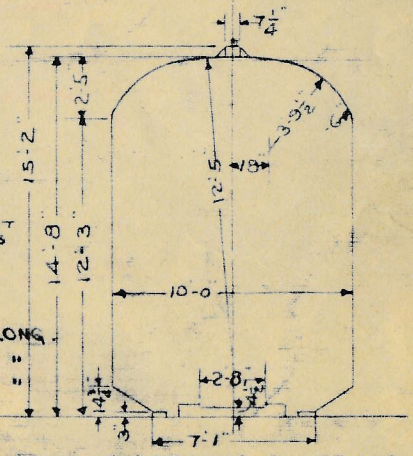
CRANE NOS. 27 & 28
OLD NOS. 1 & 2
(IND. WKS. NOS. 1968 & 2028)

340 – 1 3/4" TUBES.
39 1/2" OVER TUBE SHEETS.
BOILER No. 29 ON CRANE No. 27
" No. 44 " " No. 28

REV. 3-3-24.



MAIN HOIST ROPE 1 1/8" DIA. 250 FEET LONG.
JIB " " 1 1/8" DIA. 172 " "
AUX. " " 1" DIA. 150 " "



CLEARANCE DIAGRAM.

CAPACITY

WITH ALL OUTRIGGERS
200,000 LBS AT 17' RADIUS
160,000 " 20' "

WITH END OUTRIGGERS ONLY BLOCKED CLOSE TO CORNER OF CAR
96,000 LBS AT 16' RADIUS
WITH END OUTRIGGERS ONLY DRAWN OUT TO FULL LENGTH
140,000 LBS AT 16' RADIUS

WITHOUT OUTRIGGERS AT RIGHT ANGLE TO CAR
46,000 LBS AT 16' RADIUS
36,000 LBS AT 20'
OVER END OF CAR
112,000 LBS AT 16' RADIUS

WEIGHT 200,000 LBS