

1570-W

BUCKYRUS-CRUE

Specifications

Walking Dragline

WEIGHTS:

	Boom length, ft. 345'
Net weight*, domestic, approx. (with bucket -1- 66' hose) lbs.	6,576,500
Working weight, approx. (with bucket) lbs.	7,576,500
Ballast weight (furnished by purchaser) lbs.	1,000,000

BASE:

Outside diameter, ft.-in.	66-0
Bearing area, sq. ft.	3421
Circle rail diameter, ft.-in.	46-0
Rollers, quantity	120
Average diameter, in.	12
Swing rack, pitch diameter, ft.-in.	38-4

WALKING MOUNTING:

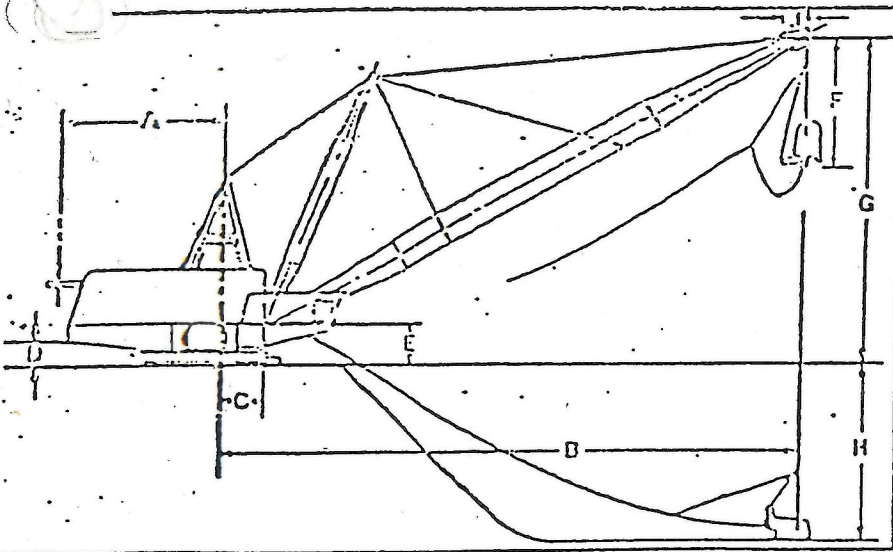
Shoe, width and length, ft.	12 X 70
combined bearing area, sq. ft.	1680
Overall width over shoes, ft.-in.	91'-9"
Cam, diameter, ft.-in. (read)	7'-8"
Length of step, approx. ft.-in.	8'-6"
Walking speed, approx. m.p.h.	0.16

REVOLVING FRAME:

Upper machinery frame, width x length, ft.	46 x
Girder depth, upper frame, in.	3

ELECTRICAL EQUIPMENT:

Holst motors (blown)	four 625/1200
Drag motors (blown)	four 625/1300
Swing motors (blown) (822)	four 375/800
Walking motors (unblown) (816)	four 235/500
All above motors rated at 75% continuous and at 200/47	
MG Set Drives: 2-3000 h.p. Synchronous motor	



WORKING DIMENSIONS

A	Clearance radius, ft.-in.	66-0
B	Operating radius	Read below
C	Boom foot radius, ft.-in.	25-0
D	Clearance height, ft.-in.	7-1
E	Boom foot height, ft.-in.	14-0
F	Dumping clearance, ft.-in.* APPROX.	53-0
G	Boom point height	Read below
H	Digging depth	Read below
J	Point sheave pitch diameter, in.	120

* 60 cu. yd. bucket without pick-up link.

NOTE: B-C reserves the right to make changes in specifications or design which in its opinion are an improvement or are necessary because of unavailability of materials, without incurring any liability to make such changes on machines previously built.

Boom Length	B Operating Radius	Boom Angle	Maximum Suspended Load (lbs.)	G Boom Pt Height	H Digging Depth	Drag		Hoist			
						Drum Diam	Frame No	Drum Diam	Frame No		
345'	313'	35°	305,000	212'	150'	110"	2	3 5/8'	110"	2	3 5/8'