

**RUSTON —  
BUCYRUS**

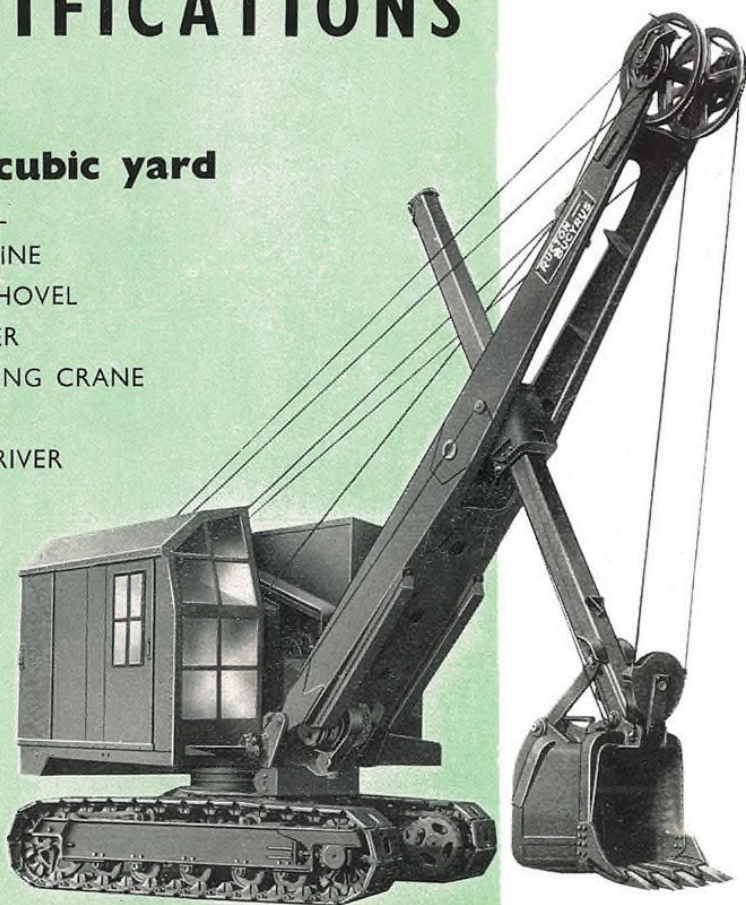
**IMPROVED**

# **19-RB**

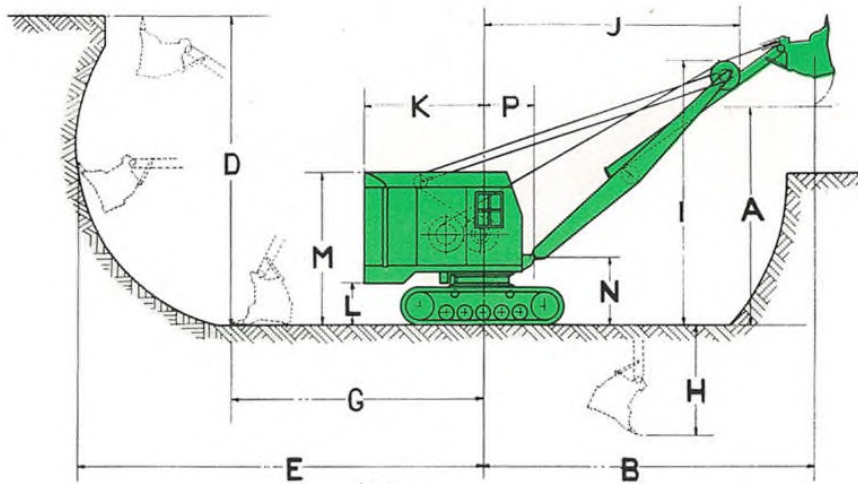
## **SPECIFICATIONS**

**5/8 cubic yard**

SHOVEL  
DRAGLINE  
DRAGSHOVEL  
SKIMMER  
GRABBING CRANE  
CRANE  
PILE DRIVER



# 19-RB SHOVEL WORKING RANGE DIMENSIONS



Capacity of dipper	..	$\frac{5}{8}$ cu. yd.
		500 l.
Length of boom	..	18' 0"
		5,49 m.
Length of handle	..	14' 6"
		4,42 m.

Angle of boom	..	..	..	..	..	40°	45°	50°	55°	60°
A	Dumping height, maximum	..	..	..	..	14' 6"	15' 9"	17' 3"	18' 6"	19' 6"
						4,42 m.	4,80 m.	5,26 m.	5,64 m.	5,94 m.
B	Dumping radius at maximum dumping height	..	..	..	..	22' 3"	21' 0"	19' 9"	18' 3"	16' 9"
						6,78 m.	6,40 m.	6,02 m.	5,56 m.	5,11 m.
	Dumping radius, maximum	..	..	..	..	24' 0"	23' 6"	22' 9"	22' 3"	21' 6"
						7,31 m.	7,16 m.	6,93 m.	6,78 m.	6,55 m.
D	Height to points of dipper teeth, maximum	..	..	..	..	21' 3"	23' 0"	24' 6"	25' 9"	27' 0"
						6,48 m.	7,01 m.	7,47 m.	7,85 m.	8,23 m.
E	Cutting radius, maximum	..	..	..	..	27' 0"	26' 6"	26' 0"	25' 3"	24' 9"
						8,23 m.	8,08 m.	7,92 m.	7,70 m.	7,54 m.
G	Radius of level floor, maximum	..	..	..	..	17' 0"	16' 9"	16' 6"	16' 3"	15' 9"
						5,18 m.	5,10 m.	5,03 m.	4,95 m.	4,80 m.
H	Digging depth below ground level, maximum	..	..	..	..	7' 6"	7' 0"	6' 6"	6' 0"	5' 6"
						2,29 m.	2,13 m.	1,98 m.	1,83 m.	1,68 m.
I	Clearance level of boom point	..	..	..	..	18' 0"	19' 0"	20' 0"	21' 0"	21' 9"
						5,49 m.	5,79 m.	6,10 m.	6,40 m.	6,63 m.
J	Clearance radius of boom point	..	..	..	..	17' 9"	16' 6"	15' 3"	14' 0"	12' 9"
						5,41 m.	5,03 m.	4,65 m.	4,27 m.	3,89 m.
K	Clearance radius of revolving frame, diesel	..	..	..	..			8' 0"*		
								2,44 m.		
	Clearance radius of revolving frame, electric	..	..	..	..			9' 0"		
								2,74 m.		
L	Clearance under frame to ground level	..	..	..	..			2' 8 $\frac{3}{4}$ "		
								0,83 m.		
M	Clearance height, boom lowered	..	..	..	..			10' 6"		
								3,20 m.		
N	Height of boom foot pin above ground level	..	..	..	..			4' 5 $\frac{3}{4}$ "		
								1,36 m.		
P	Distance boom foot pin to centre of rotation	..	..	..	..			3' 5 $\frac{1}{4}$ "		
								1,05 m.		

\* 9' 2" (2,79 m.) over running boards.