

RANSOME MANIPULATOR

Models 99 & 1212

RANSOME MANIPULATOR



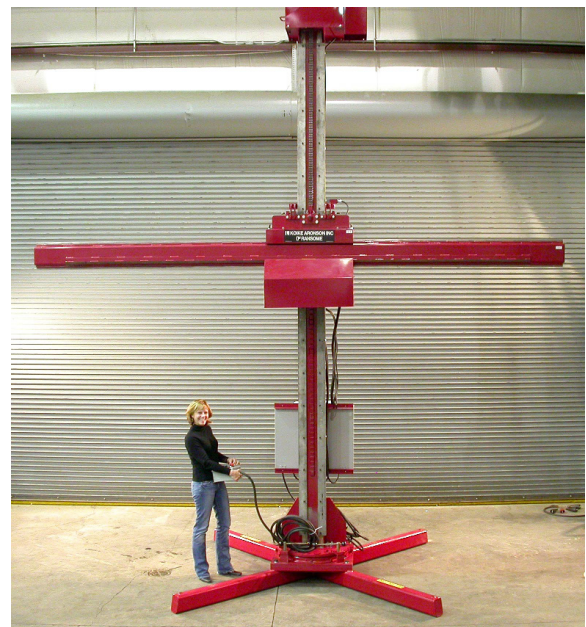
Koike Aronson / Ransome manufactures a complete line of welding manipulators which maximize both safety and production.

Koike Aronson / Ransome manipulators are a versatile and rugged solution to obtain up to 30 feet of lift and reach to duplicate the function of a highly skilled welder. Manual or powered mobile sub base cars can be included for varying length weldments and procedures.

Many variations in speeds, controls, and welding equipment can be fitted to a manipulator. Both gear elevated and chain drive lifts are available to meet your needs. Special engineered manipulators are always available.

MACHINE FEATURES

- For positioning welding equipment
- Precise Reach and Lift ranges from 4 ft to 30 ft
- Roller Chain Elevation
- Base can be fixed, portable or mounted on travel car
- King-pin rotation equipped on the Mast



Model 99 - 12 x 12 Manipulator

Innovative Designs for Optimum Performance...



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Standard Ransome Manipulator

Additional sizes of the Model 99 and the Model 1212 are available.

Type	Model 99	Model 1212
1 Ram Construction	Box	Box
2 Ram Ways	Square	Square
3 Ram Drive	Powered	Powered
4 Ram Drive Type	Rack & Pinion	Rack & Pinion
5 Ram Drive H.P.	1/2	3/4
6 Speed Range I.P.M.	3.7 - 150	3.35 - 134
7 Remote Speed Control	*Standard	*Standard
8 Standard Ram Travel (A)	*9'	*12'
9 Minimum Ram Distance from Mast (B)	28 1/2	39 1/2
10 Maximum Ram Travel (C)	10'	18'
11 Ram Load, each end	500 lbs.	750 lbs.
12 Total Ram Load (lbs)	1000 lbs.	1500 lbs.
13 Mast Construction	Tubular	Tubular
14 Mast Ways	Square	Square
15 Replaceable Ways	Yes	Yes
16 Mast Rotation-Degrees	360	360
17 Mast Keeper Plates	Yes	Yes
18 Safety Pawl Anti-Fall Device	Yes	Yes
19 Lift Type	Roller Chain	Roller Chain
20 Lift Drive H.P.	1/2	3/4
21 Lift Reducer	Self Locking	Self Locking
22 Lift Speed I.P.M.	40	38
23 Standard Lift Travel (D)	*9'	*12'
24 Minimum Ram Distance from Floor (E)	28 1/2	39 1/2
25 Maximum Lift Travel (F)	10'	16'
26 Overall Height of Standard Machine (G)	*14' 4 1/2	*19' 5 1/2
27 Standard Work Envelope (H & I)	9' x 10' 11 1/2	12' x 14' 8
28 Controls	Remote	Remote
29 Shipping Weight	4,000 lbs.	8,500 lbs.

***Add 1' height for each foot of additional lift to overall height**

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