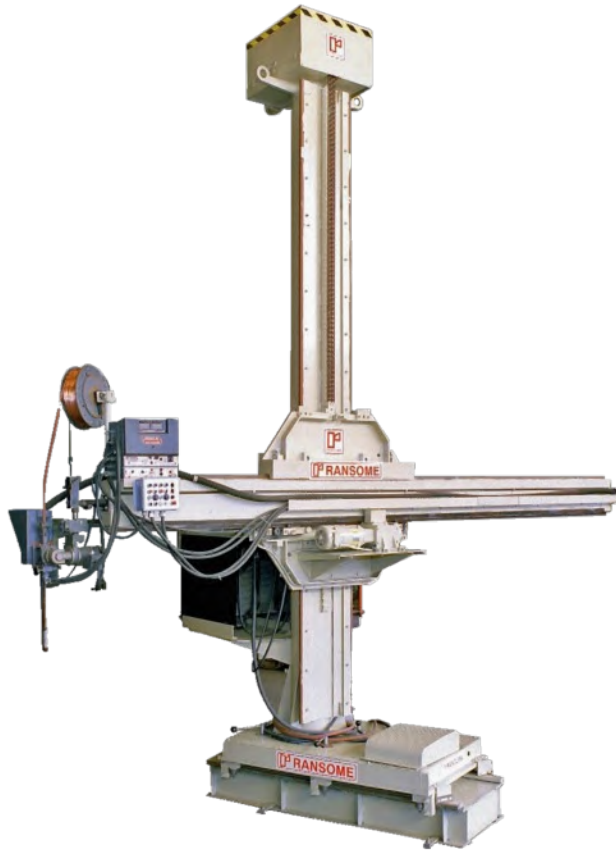


# RANSOME Series

## Model 66 to 1212



The Koike Aronson/Ransome mid-range chain lift manipulators can be customized for specific applications, such as simple straight-line to circumferential welding. The Ram ends can be outfitted with small I.D. single or multiple arc welding heads for long seam and circumferential welding procedures. We have custom designs that can handle extra heavy, and extra long reach applications.

All manipulators come standard as a pedestal mount, and with a manual mast rotation, the option of powered rotation, self standing bases, and manual or powered travel cars. Complete welding packages can be Koike supplied and Koike mounted, customer supplied and Koike Mounted, or customer supplied and mounted.

Self-standing bases, travel cars, and welding equipment packages are just some of the options available.

**Lift and reach ranging from 6 ft to 18 ft**

## Features

- Load capacities up to 750 pounds
- NEMA 12 Electricals
- Floor-base or car-track options available
- Large variety of accessories and options for versatility
- Manual mast rotation included
- 50:1 Variable speed drives
- Rack and pinion reach drive
- Cam roller guidance on lift and reach axis
- Chain lift



**Standard hand pendant provided with all models**

# Specifications

**66 to 1212**

Model	66	99	1212
Reach Travel Speed (IPM)	150 - 3.0 ipm	150 - 3.0 ipm	130 - 2.6 ipm
Reach motor HP	½ hp	½ hp	¾ hp
<b>Dim A:</b> Standard reach travel	6 ft	9 ft	12 ft
Max.reach travel	10 ft	12 ft	18 ft
<b>DIM B:</b> Standard Min. reach distance From CL of Mast	16-¾ in	24 in	30-¾ in
<b>DIM C:</b> Standard Max. reach distance From CL of Mast	88-¾ in	132 in	174-¾ in
Boom mounting plate dimensions	¾ x 2-¾ x 4-¾ in	½ x 3-½ x 6-½ in	¾ x 5-½ x 11-½ in
<b>DIM D:</b> Standard height overall (HOA) from floor to top of machine	128 in	172-½ in	234 in
Lift speed	35 ipm	40 ipm	36 ipm
Lift motor HP	½ hp	½ hp	1hp
<b>DIM E:</b> Min. lift height from floor to CL of boom	24 in	30-½ in	39-½ in
Max.lift travel	10 ft	12 ft	18 ft
<b>DIM F:</b> Standard Lift travel distance from CL of boom	6 ft	9 ft	12 ft
Base dimension	1-¼ x 30 x 30 in	1-¼ x 30 x 30 in	1-¼ x 30 x 30 in
Standard machine voltage	460/3/60	460/3/60	460/3/60

See page 6 for car and base options & page 22 for all machine options.

All dimensions are for reference only and subject to change without notice.

Model	66	99	1212
6 ft x 6 ft	400 lb		
7 ft x 7 ft	375 lb		
8 ft x 8 ft	350 lb	725 lb	
9 ft x 9 ft	310 lb	650 lb	
10 ft x 10 ft	250 lb	575 lb	
12 ft x 12 ft		500 lb	1000 lb
14 ft x 14 ft			950 lb
16 ft x 16 ft			850 lb
18 ft x 18 ft			750 lb

Maximum load in pounds on either or both ends of boom

