



# **SELF CLIMBING CONCRETE PLACING BOOM**

**ZHENGZHOU HAMAC AUTOMATION EQUIPMENT CO., LTD**

## » Self Climbing Concrete Placing Boom



### INTRODUCTION

The self climbing concrete placing boom machine is fixed in the elevator shaft and is equipped with an automatic climbing mechanism. Featuring a hydraulic self-climbing system, the placing boom is able to climb up alongside the lift shaft in the building with the rise of floor levels. The vertical reach of the placing boom relies on the performance of your concrete pump.

It is lifted by a hydraulic cylinder and automatically climbs in the elevator shaft, so that the concrete boom placer rises with the rise of the floor. It also can be fixed in the floor directly if there is not an elevator shaft.

### ADVANTAGES

1. Horizontal placing radius 21-32 meters (exclude 3m hose), full hydraulic driven;
2. The concrete placing boom can be anchored to the floor with initially prepared holes when working, and it can be lifted by its climbing system. One lifting can meet the need for two floors concrete placement; If the floor area is too large, several tower bodies can be installed and move the boom assembly onto relevant tower body to meet the needs of certain area concrete placement and save cost;
3. Compact structure, easy operation, reliable safety, economical and practical, it can be installed on either floor or elevator shaft.

**TECHNICAL DATA**

Self Climbing Concrete Placing Boom

Item	HGY21D	HGY24D	HGY28D	HGY32D
Max. Placing	21	24	27.5	32
Big Arm Length (M)	11	12	12.6	14.5
Big Arm Elevation (°)	0-65	0-65	0-65	0-65
Medium Arm Length (M)	6.5	7.5	8.8	9.2
Medium Arm Elevation (°)	0-180	0-180	0-180	0-180
Small Arm Length (M)	3.5	4.5	6.1	8
Small Arm Elevation (°)	0-180	0-180	0-180	0-180
Hose Length (M)	3	3	3	3
Concrete Delivery Pipe (Mm)	Ø125×6	Ø125×6	Ø125×6	Ø125×6
Tail Rotary Radius (M)	3.9	3.9	3.9	-
Total Power (Kw)	5.5	5.5	5.5	15
System Pressure (Mpa)	24	24	24	24
Rotary Speed (R/Min)	0.3-0.8	0.3-0.8	0.3-0.8	0.3-0.8
Rotary Range (°)	0-360	0-360	0-360	0-360
Lifting Speed (M/Min)	0.65	0.65	0.65	0.65
Lifting Height(M/Time)	≤3.6	≤3.6	≤3.6	≤3.6
Concrete Delivery Pipe (Mm)	13.3	13.3	12.6	22.9
Bare Machine Weight (Kg)	8400	9500	10720	16700
Balance Weight(Kg)	3×2000	3×2000	4×2000	-
Control Mode	Panel/Wireless Remote Control			

\* Note: HAMAC follows the principle of the perfecting the performance of the products, material and specification may changed without advice.



# SELF CLIMBING CONCRETE PLACING BOOM

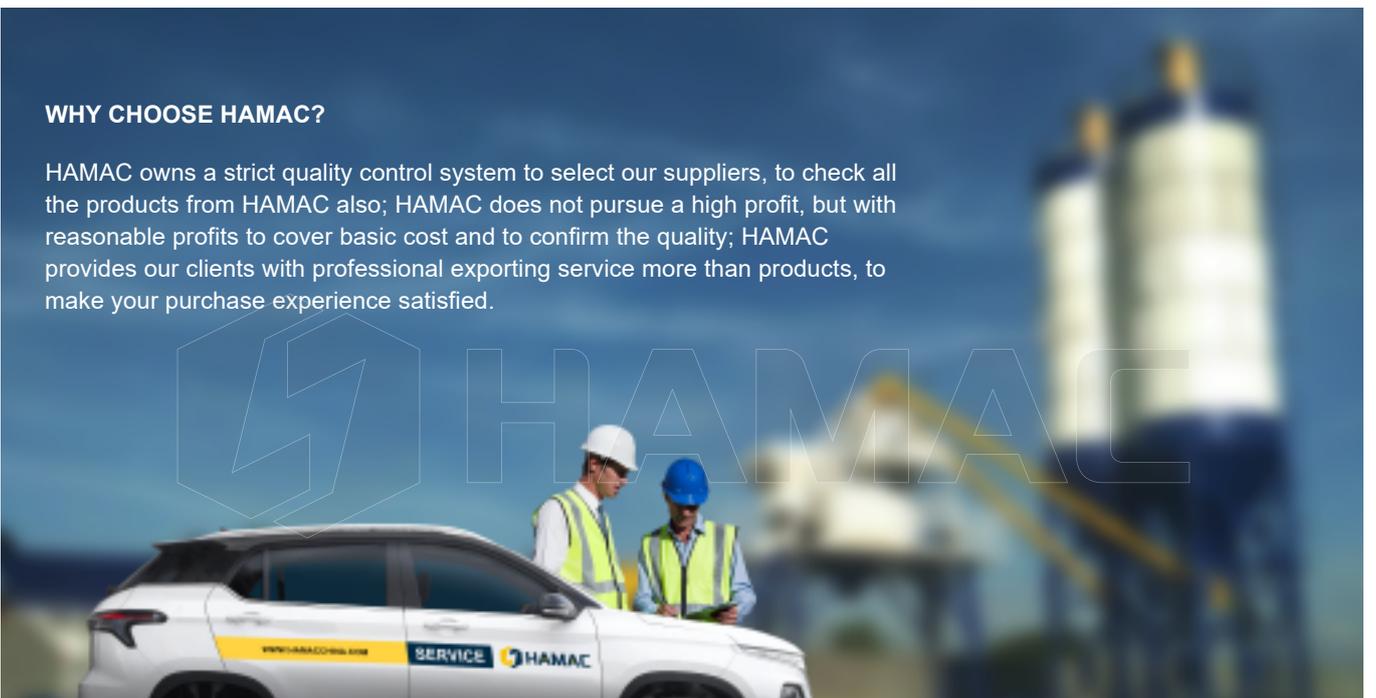


## ABOUT HAMAC

HAMAC Automation Equipment Co., Ltd is a professional supplier for construction machinery located in Zhengzhou and Qingdao, China. Based on the two manufacture bases, HAMAC's Parent company occupies big market in domestic market, and built agents and distributors in China mainland. HAMAC is treated as an international brand to promote the overseas market. We are becoming a famous global brand in construction machinery industry.

### WHY CHOOSE HAMAC?

HAMAC owns a strict quality control system to select our suppliers, to check all the products from HAMAC also; HAMAC does not pursue a high profit, but with reasonable profits to cover basic cost and to confirm the quality; HAMAC provides our clients with professional exporting service more than products, to make your purchase experience satisfied.



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