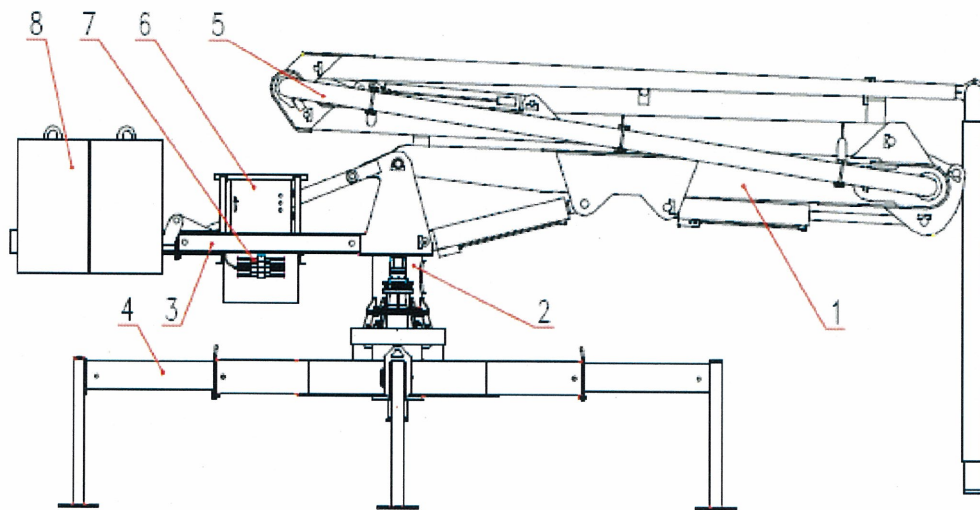


HGY13 Mobile Type Concrete Placing Boom

1. Construction of the concrete placing boom

Below you will find an overview of the main important components:

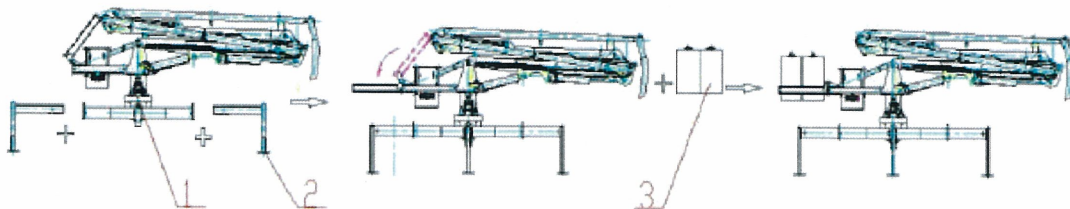
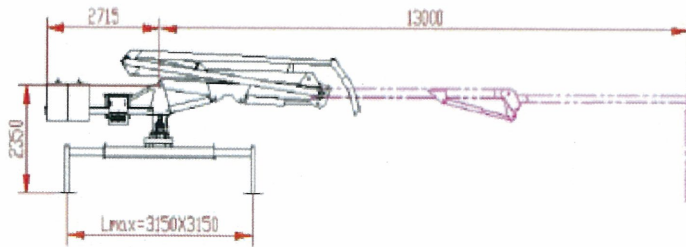


Item	Part name	Part No.	Q'TY
1	Boom assembly	13.1	1
2	Rotary supporting seat	13.2C	1
3	Back stand	13.3D	1
4	Under frame	13.4C	1
5	Concrete pipe system	13.5	1
6	Electrical system	13.6	1
7	Hydraulic system	13.7	1
8	Counter weight	13.8C	2

2. Main Technical Specification

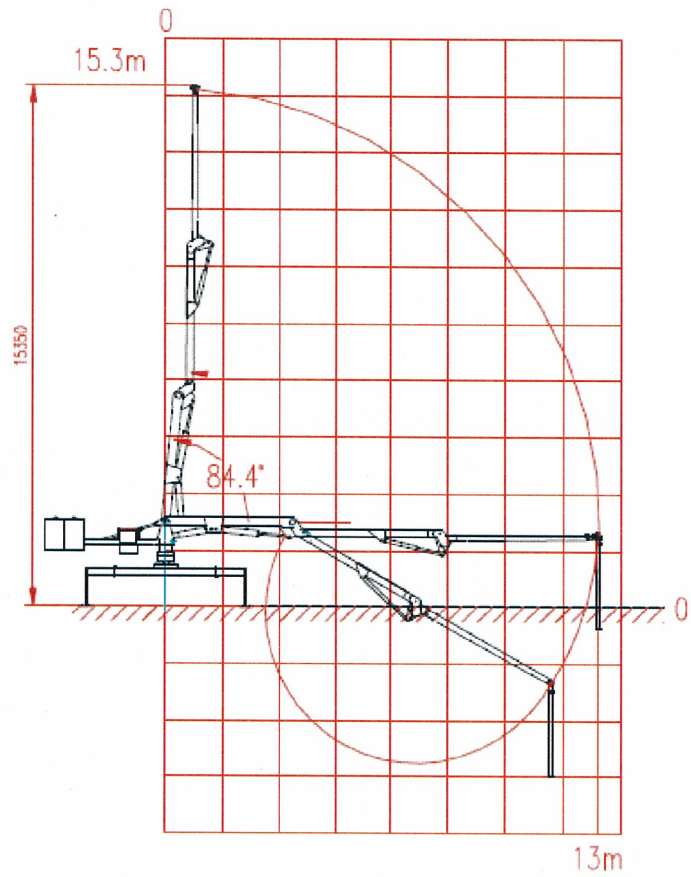
Model		HGY13
Horizontal reach	(m)	13
Motor output	(kW)	4
Hydraulics pressure	(MPa)	20
Rotation (Elevation angle)		360° (-2°~84.4°)
Pipeline diameter	(mm)	125
Total weight (t)	Without counterweight	2.7
	With counterweight	4.3

3. Simple drawing

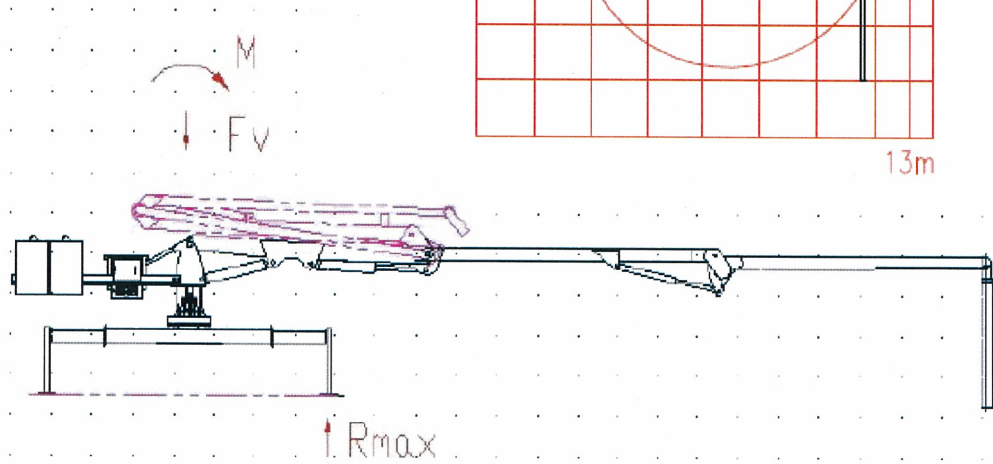


1. 2310kg 2. 4X97.5=390kg 3. 1600kg

4. Working Range



5. Loading condition

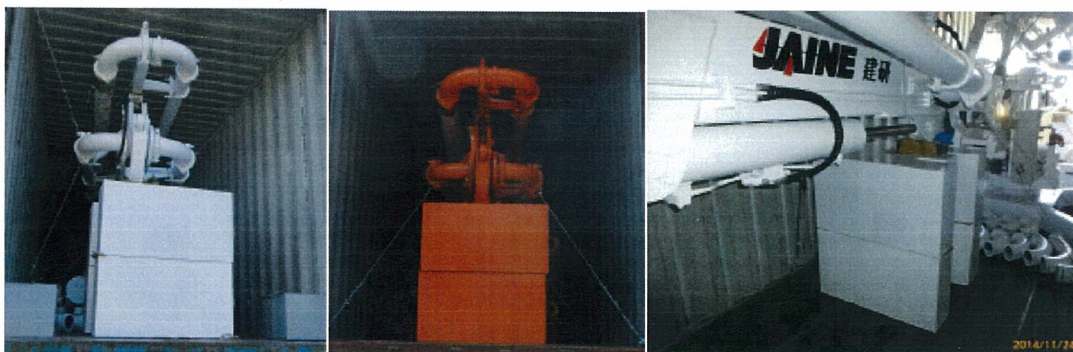


M	Resist Moment	80kN.m	Worst condition
Fv	Vertical Force	45kN	
Rmax	Reaction of supports	36kN	Boom in one direction

6. Arrangement table of main component

	Name	Brand	Originals
Main Hydraulic Component	Oil pump	RONZIO	ITALY
	SEAL	DICHTOMATIK	GERMANY
	Hydraulic valve	HUADE	CHINA
	Check Valve	RONZIO	ITALY
	Motor	WHITE	AMERICA
	Hydraulic Cylinder	PARKER	AMERICA
Main Electric Elements	Radio remote controller	TELECRANE	TAIWAN
	AC Contactor	SCHNEIDER	FRANCE
	Switch, push-button, pilot light	SCHNEIDER	FRANCE
	Air Circuit Breaker	Merlin Gerin	FRANCE
	Motor	SEMENIS	GERMANY
	Radiator	AKG	GERMANY

7. Container Loading photos



5. Project Photos

