

**INDIA'S LEADING MANUFACTURERS & EXPORTERS OF GRAB BUCKET**



**WAGARE & JOSHI GROUP**

We Offer Well  
Engineered Bulk Material  
Handling Solutions....

**SAFAL ENGINEERS & FABRICATION**



## INTRODUCTION

SAFAL ENGINEERS & FABRICATION, A partnership firm was founded in year 1995. setup by an enterprising technocrat, having a wide experience of 36 years in heavy construction industry, in partnership with highly experienced person. Being himself a postgraduate Automobile Engineer, has developed skills in Design, Fabrication, Erection & Commissioning of equipment, working with his own hands. the unit is situated in an industrial area developed by govt. of Maharashtra, near Kolhapur in western Maharashtra, India.

We, SAFAL ENGINEERS & FABRICATION, Kolhapur are a professionally managed firm that is engaged in the designing, manufacturing and exporting of Grab Buckets, construction machines, EOT Cranes, Jib cranes designed to help and complete the job more efficiently & productively. Robust in nature and wear and tear resistant, our machines are capable of running in any climatic conditions.

## PARTNERS



**Mr. Rajaram Wagare**  
Founding Partner



**Mr. Sharad Wagare**  
Finance & Purchase Head



**Mr. Anup Joshi**  
Sales & Operations Head



**Mr. Sachin Wagare**  
Production & Design Head



# MISSION, VISION & VALUES

## MISSION

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To Provide Well Engineered Product to Cater Customer's Need Of Bulk Material Handling Solutions.

## VISION

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To Become One of the World Leading Grab Bucket Manufacturing Company

## VALUES

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Integrity, Team Work, Manufacturing Process Excellence, Continuous Product Quality Improvement



## STRENGTHS

- 25 Years of Experience in Grab Bucket Manufacturing.
- Strong Product base with tested designs.
- In house Research & Designing of the Products with use of advanced software.
- Wide customer base – Construction Industries, Prime Steel Manufacturing Industries, Paper Industries, Waste Treatment & Handling Industries, Casting & Forging Industries, Rebar Manufacturing Industries... the list goes a long way.
- Dynamic leadership with combination of 50+ years of experience along with fresh and innovative ideas of young generation.
- Strong Technical base with through knowledge of the Product in offering.
- Good Service Backup.

## OUR PRODUCT – GRAB BUCKET



# What is Grab Bucket ?

A Grab bucket is an equipment used for moving or carrying bulk (lose) material from one place to another using by crane

## AREA OF APPLICATION ?

- Construction Industries,
- Prime Steel Manufacturing Industries,
- Paper Industries,
- Waste Treatment & Handling Industries,
- Casting & Forging Industries,
- Rebar Manufacturing Industries... the list goes a long way



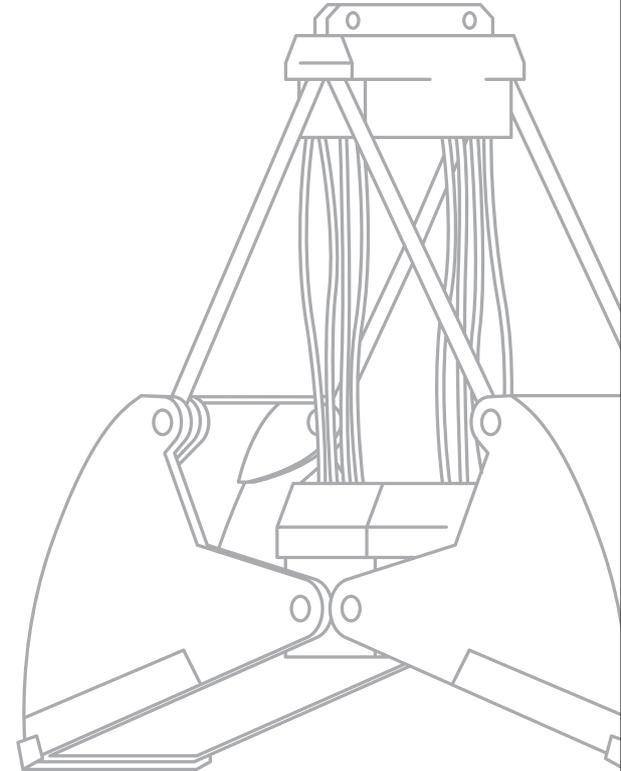
# TYPES OF GRAB BUCKET

## EH - HYDRAULIC OPERATED

- RC (Remote Controlled)
- EH (Electro-Hydraulic)
- HA (Hydraulic Attachment)

## MC - MECHANICAL

- Single Rope Touch Down Grab Bucket
- Two Rope Clamshell Grab Bucket
- Four Rope Clamshell Grab Bucket



## PRODUCT OFFERINGS – VARIOUS TYPES OF GRAB BUCKETS

- RRC (Radio Remote Controlled) - For fast and efficient handling of material, with Single Hook cranes, Radio Remote controlled Grabs are the best choice. The Radio Remote Controlled Grabs are provided with a hydraulic system to ensure the Auto closing of the grab

For Material Bulk Density of upto 1.8T/CuM such as Cement, Sand, Salt, Clinker, Bauxite, Lime etc.

Grab Bucket Capacities ranging from 2.0 CuM upto 12.0 CuM



## PRODUCT OFFERINGS – VARIOUS TYPES OF GRAB BUCKETS

- EH (Electro-hydraulic) – These are Hydraulic Operated Grab Buckets where opening & Closing of Buckets is achieved with Hydraulic cylinders. These grabs are used for bulk material handling in various applications. These are suitable for single hook with arrangement of cable reel drum for providing electrical power to Grab bucket hydraulic System. These comes in clam shell & orange peel type construction with Bucket capacities ranging from 0.1 CuM upto 12.0 CuM.



## PRODUCT OFFERINGS – VARIOUS TYPES OF GRAB BUCKETS

### MC (MECHANICAL)

#### ■ Single Rope Touch Down Grab Bucket

Completely mechanical operation with no external power source requirement. These Buckets are used for loose material handling with single hook cranes. Generally used for material density upto 2.0T/CuM. These are used in any above or under water harsh weather conditions. These comes in Bucket capacities ranging from 0.1 CuM upto 8.0 CuM.



## PRODUCT OFFERINGS – VARIOUS TYPES OF GRAB BUCKETS

### MC (MECHANICAL)

- **Two Rope/Four Rope Clamshell Grab Bucket** - Completely mechanical operation with no external power source requirement. These buckets are used for loose as well as for digging purpose because they can achieve Highest closing force and optimal penetration that allows full loading in all the operations thanks to a kinematic design at lifting and penetration mode.



## PRODUCT OFFERINGS – VARIOUS TYPES OF GRAB BUCKETS

### HA (HYDRAULIC ATTACHMENT)

- **Two Rope/Four Rope Clamshell Grab Bucket** - Completely mechanical operation with no external power source requirement. These buckets are used for loose as well as for digging purpose because they can achieve Highest closing force and optimal penetration that allows full loading in all the operations thanks to a kinematic design at lifting and penetration mode.



# CLIENTS



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®

## SAFAL ENGINEERS & FABRICATION

📍 Plot No F 35, M.I.D.C. Shirol (Pulachi), Kolhapur - 416122,  
Dist. Kolhapur, Maharashtra, INDIA.

☎ 0230 2469401

☎ 9423864313, 9423280699

✉ safaludyog@hotmail.com  
info@safalgrabbucket.com

🌐 [www.safalgrabbucket.com](http://www.safalgrabbucket.com)