

APR Bright Industries

Grab Bucket Manufacturers



APR BRIGHT INDUSTRIES

ISO 9001:2008 CERTIFIED COMPANY

CONTACT US

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www.aprgrabs.com

About Us

APR Bright Industries is Grab Bucket Specialist in India. We provide a varieties of grab buckets as per customer requirements.

In last 15 years, we glad to work with almost every sector of industries includes Steel, Cement, Coal Mines, Ports, Ship Yard, Fertilizer, Power Plants, Foundries, Construction, Chemical Plants, Agriculture, Biomass Handling Plants.

APR develop the design and enable the smart technology in grab bucket to enhance the performance. We test grab buckets at many stages before delivery.

We have covered most of the big countries like-Vietnam, United Kingdom, Europe, South Africa, Kuwait, Dubai, Kenya etc. Other Big Indian states like-Orissa, Jharkhand, Madhya Pradesh, Haryana, Rajasthan, West Bengal, Gujarat, Maharashtra, Punjab, Chhattisgarh, Uttar Pradesh, Delhi, Kerala, Goa and many more.....



Material Specifications

Structural components: arms, buckets, and pulley blocks are constructed from high-strength steel conforming to ISO standards.

Operating: Fabricated from EN9 steel, heat-treated for durability and ground for smooth operation.

Pulley system: Robust cast steel pulleys compliant with ISO Grade, featuring flame-hardened rope grooves for extended wear resistance.

Bushing materials: For both pulleys and arms, choose either gunmetal or phosphorous bronze for excellent low-friction performance.

Wear plates: Equipped with premium HARDOX 400 for exceptional abrasion resistance (or equivalent quality).

Tooth points: Cast from IS 276 Cr, Mn steel, heat-treated for enhanced strength and secured to the grab bucket using high-tensile bolts.

Stress relief: All fabricated parts undergo a stress-relieving process to improve structural integrity.

Protective coating: two coats of epoxy primer followed by two coats of epoxy paint provide long-lasting protection against corrosion.

Types of Grab Buckets

Grabs Develop to Charge and Discharge Bulk Material

1. RC (Remote Controlled)
2. EH (Electro-Hydraulic Grabs Bucket)
3. MC (Mechanical Grabs Bucket)
 - Single Rope Touch Down Grab Bucket
 - Two Rope Clamshell Grab Bucket
 - Four Rope Clamshell Grab Bucket
4. HA (Hydraulic Grabs Bucket)

Grabs Specifications

Designed for demanding tasks: This grab bucket tackles tough materials like coal, cokes, grain, wheat, cereals, clinker, biomass, wood chips, fertilizers, sand and gravel, iron ore, and aggregates.

Versatility meets power: Choose from capacities ranging from 0.75cbm to 18 cubic meters to match your specific needs.

Simple and efficient operation: Ideal for use with single-rope operated cranes and a single hook, this grab simplifies your workflow.

Wireless control for enhanced safety and agility: Operate the opening mechanism seamlessly via radio remote control from your push-button box, eliminating the need for electrical cables and granting you greater freedom of movement.

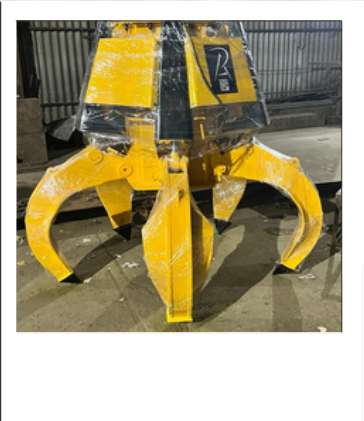
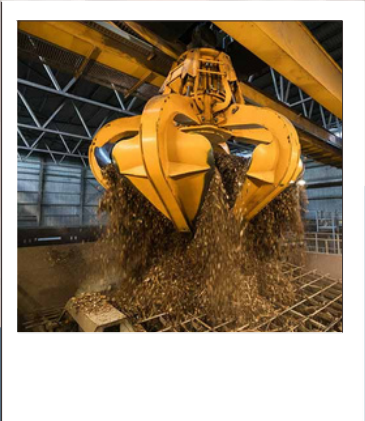
Unloading made easy: The grab can open overhead, allowing you to unload material without requiring ground support, further streamlining your operations.

Built to last: Equipped with a reliable battery and a powerful hydraulic locking cylinder, this grab delivers dependable performance, shift after shift.



EH (ELECTRO- HYDRAULIC)

Electro-hydraulic motor grabs are champions at handling bulk materials! Designed for single-drum cranes (like those on ships), they come in a range of sizes and custom designs (from 0.5cbm to 12 cubic meters) to perfectly suit your needs. Spill plates can be added for extra versatility, allowing you to adjust capacity based on your crane's lifting limit.



MC (MECHANICAL)

Grab Bucket



Heavy Duty Touchdown Grabs

SINGLE ROPE TOUCH DOWN GRAB

Mechanical single rope clamshell grab bucket specially designed for cranes, ship board cranes. Grab Bucket easily mount on the any type of crane and designed to boost the strength of ports. Mechanical grab bucket comes in the multiple shapes and sizes as per customer requirements. APR designs the grab bucket with maximum lifting capacity and long durable grabs.

MC (MECHANICAL)

Grab Bucket



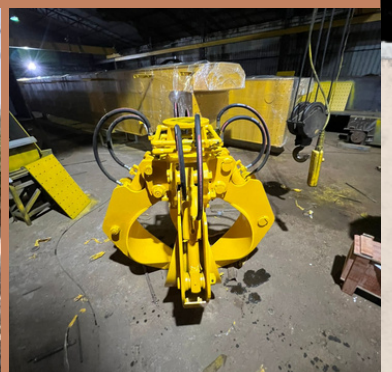
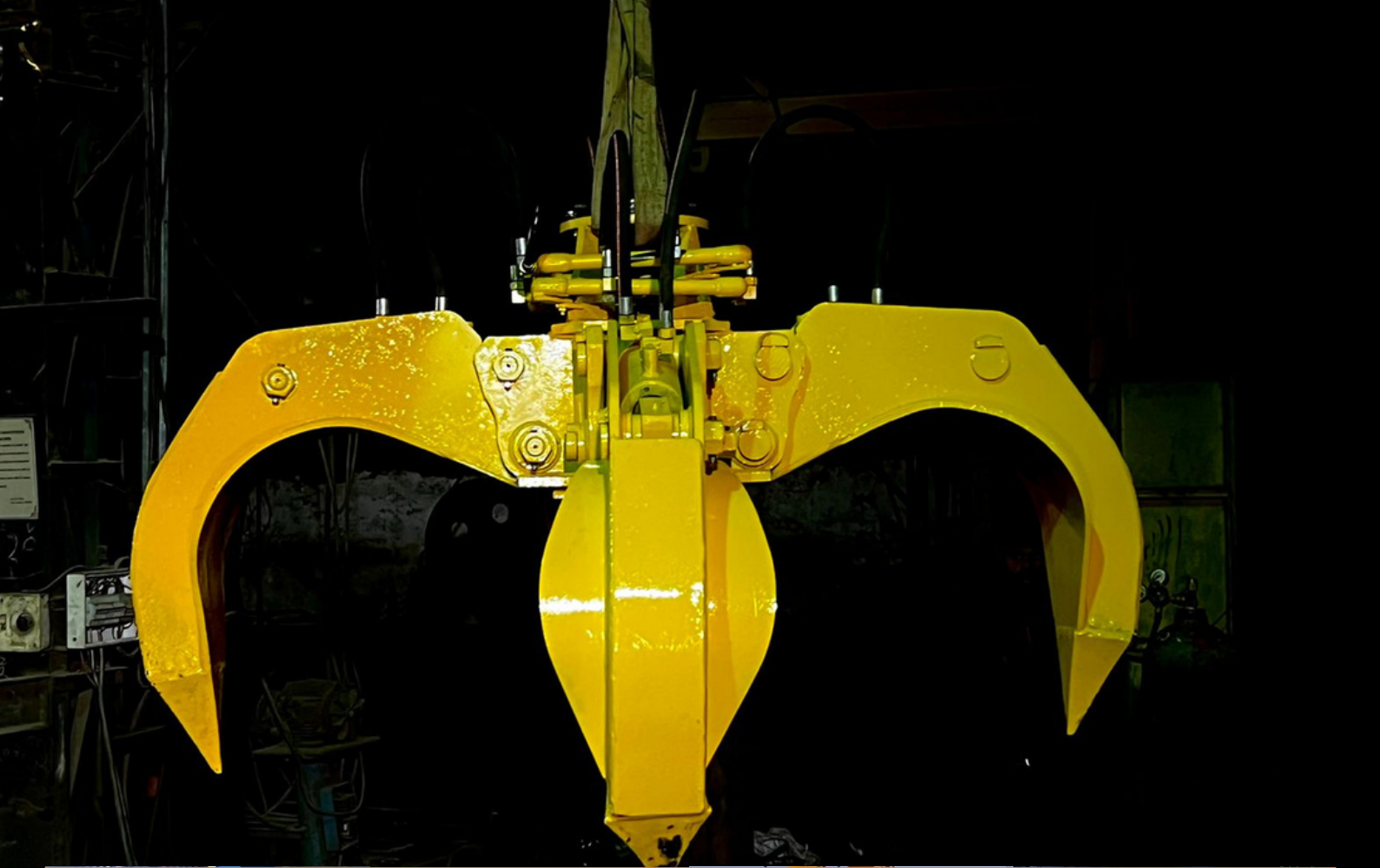
TWO ROPE TOUCH DOWN GRAB

APR design Mechanical two rope type clamshell grabs for ports and ships to handle bulk material, sand, coal, gravel, and other ports material. Designing of grab bucket and quality is made with high resistant steels and swift closing and opening of the grab bucket. Our Mechanical grab bucket reduce the load on the cranes and helps the operator to easily charge and discharge the material.



FOUR ROPE TOUCH DOWN GRAB

Mechanical Four rope Clamshell grab bucket operated by four rope mount on the cranes. APR foru type mechanical grabs bucket handle the coal, cokes, grain, wheat, cereals, clinker, biomass, wood chips, fertilizers, sand and gravel, iron ore, and aggregates easily and improve the efficiency at low cost. APR designs the grabs bucket to avoid pollution and prevent the dust, and other particulars.



Unleash the Power of Hydraulic Grabs: Versatility Meets Strength

Grabs are designed to conquer any bulk material challenge, from sand and gravel to dredging in demanding environments. Grabs are crafted from high wear-resistant steel, ready to withstand the toughest jobs. Heavy-duty, sealed bearings ensure smooth operation and long-lasting performance, even in harsh conditions. Hydraulic grabs come in a range of sizes, from 0.5 to 12 cubic meters, perfectly matching your specific needs.

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