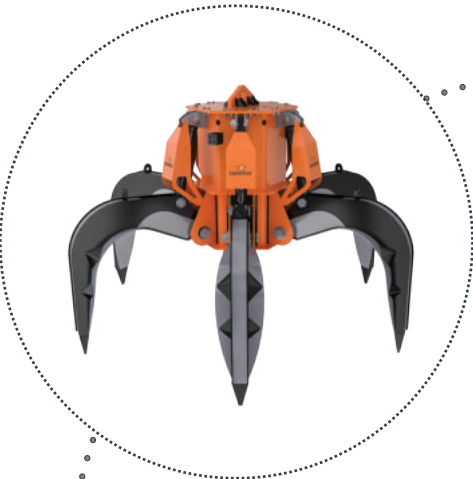


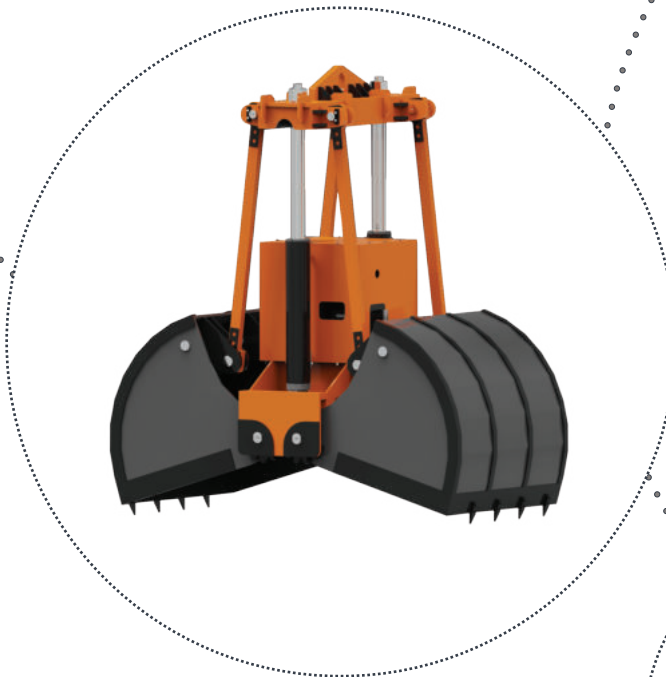
ELETRHYDRAULIC
ORANGE PEEL GRAB BUCKET



MILL SCALE
GRAB BUCKET



ELETRHYDRAULIC
CLAMSHELL GRAB BUCKET



EXCAVATOR ORANGE
GRAB BUCKET



LEISTERTECH

ROBUSTING TECHNOLOGY

GRAB BUCKETS

MATERIAL HANDLING GRAB BUCKET



2 ROPE MECHANICAL
GRAB BUCKET



4 ROPE MECHANICAL
GRAB BUCKET



EXCAVATOR
CLAMSHELL GRAB BUCKET

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GRAB BUCKETS

Application: Where we serve

LeisterTech Projects India Pvt. Ltd. proudly offers a comprehensive range of grab buckets, designed to meet the demanding needs of industrial material handling. Our grab buckets are engineered for efficiency, durability, and precision, making them essential tools for industries such as steel, mining, construction, and waste management.

What are Grab Buckets?

Grab buckets are specialized mechanical tools used for lifting and transporting bulk materials. These buckets are widely employed in industries for handling a variety of materials, including core scrap, pig-iron, stones, slag, baled scrap, green pellets, and more. With robust construction and advanced hydraulic systems, LeisterTech's grab buckets are built to withstand tough working conditions while ensuring maximum efficiency.

Versatile Design Options: Available in half-open or fully closed designs to suit different material handling needs.

High-Quality Materials: Constructed from HARDOX 500, an extremely wear-resistant steel, ensuring long-lasting durability.

Optimized Geometry: The design of our grab buckets provides a high filling factor, maximizing load capacity with each operation.

Robust Structure: Built with high elastic strength steel, these buckets are designed to endure heavy loads and challenging environments.

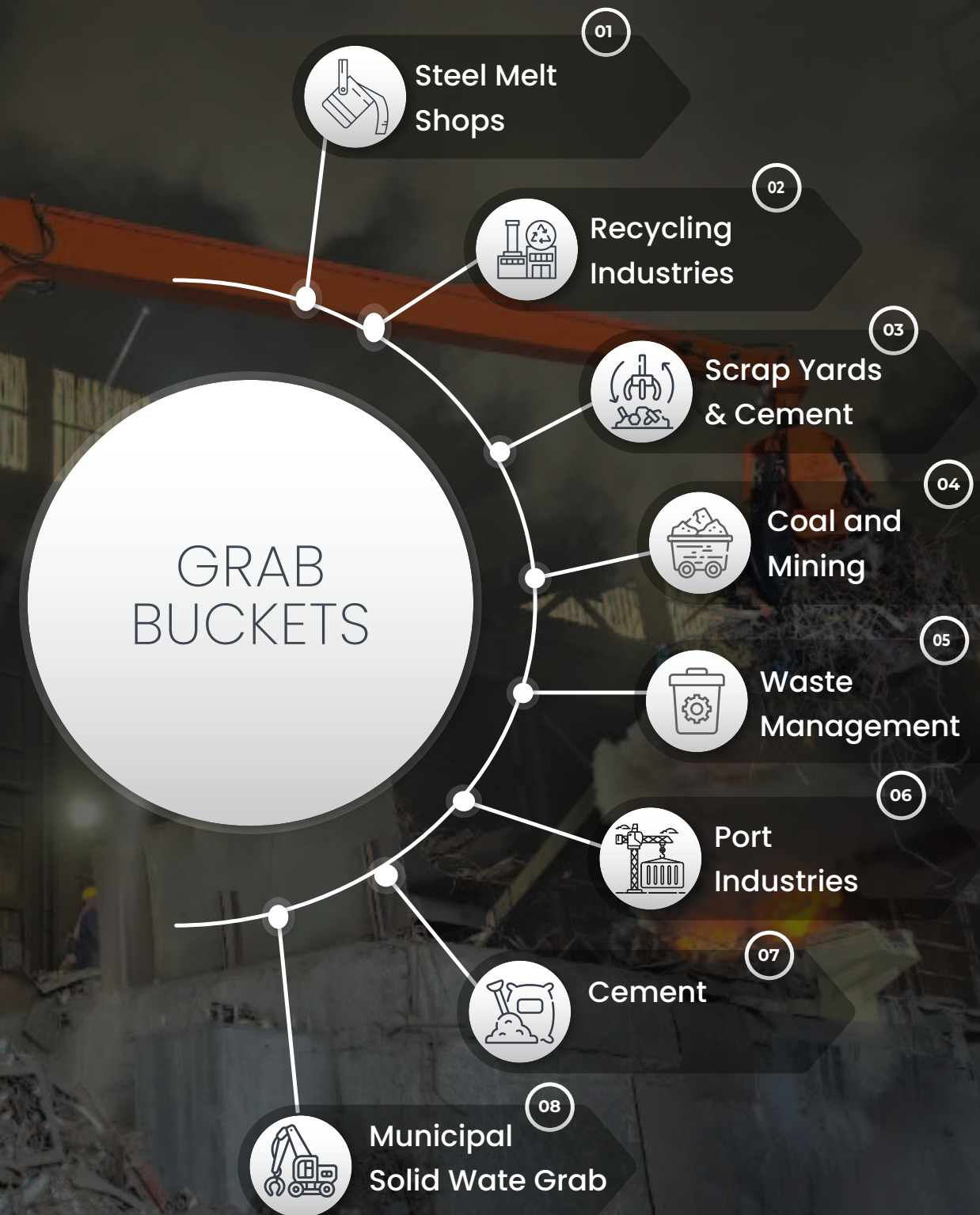
Advanced Hydraulic Systems: Equipped with fully protected hydraulic cylinders and variable flow piston pumps for high-pressure operations.

Maintenance-Free Operation: Designed for ease of use, our grab buckets require minimal maintenance, allowing for uninterrupted operations.

ISO Certified: LeisterTech's grab buckets meet stringent quality standards, certified under ISO 9001/2008 and designed according to FEM 1001/98, A8-M8.



INDUSTRIES WHERE WE SERVE





ELECTROHYDRAULIC ORANGE PEEL GRAB

LeisterTech specializes in the design and manufacture of highly efficient grab buckets, which are critical for various material handling tasks in industrial environments.

Electrohydraulic Grabs

Application: Used for handling diverse materials such as scrap metal, biomass, municipal waste, and more.

Features: Equipped with powerful electro-hydraulic mechanisms, these grabs ensure efficient material handling with minimal spillage. They are designed for durability and high performance in demanding industrial conditions.

Benefits: Offers enhanced control, high operational efficiency, and a long lifespan with minimal maintenance requirements. Ideal for industries requiring precise and reliable material handling solutions.



Technical Details

Sr. No.	Size	Volume Capacity	Dead Weight Grab	Crane	Motor
		M3	KG	t	KW
	LT-500	0.5	1850	5	22
	LT-750	0.75	2000	5	22
	LT-1000	1	2100	5	22
	LT-1500	1.5	2400	10	22
	LT-2000	2	3300	10	30
	LT-2500	2.5	4200	15	30
	LT-3000	3	4800	20	37
	LT-3500	3.5	5500	20	37
	LT-6000	6	7500	30	37

ELECTROHYDRAULIC CLAMSHELL GRAB

The Electro Hydraulic double scoop Clamshell grab is specially designed and developed for charging and discharging bulk materials especially scrap into the furnace or to handle DRI and at the port to handle other bulk material. It is also known as motorized hydraulic clamshell grab. It is to be fitted on cranes with one single drum. LEISTERTECH can also supply accessories which need to be mounted on your ships cranes for operation of the grabs if ship cranes are not executed with accessories. Clamshell design with optimal penetration that allows full loading in all the operations thanks to a kinematic design at lifting and penetration mode including wear resistant lips

Technical Details

Sr. No.	Size	Volume Capacity	Dead Weight Grab	Crane	Motor
		M3	KG	t	KW
	LT-500	0.5	1900	5	22
	LT-1000	1	2900	10	22
	LT-1500	1.5	3300	10	22
	LT-2000	2	3900	15	30
	LT-2500	2.5	4200	20	37
	LT-3000	3	5000	20	30
	LT-3500	3.5	5500	25	37
	LT-5000	5	6500	25	37
	LT-6000	6	7000	30	37



EXCAVATOR MOUNT ORANGE PEEL GRAB

An excavator grab is an attachment used on excavators to grip and manipulate objects, materials, or soil. It's also known as a:

Applications

1. Waste management
2. Material handling (logs, rocks, debris)
3. Vehicle loading and unloading

Key benefits



Technical Details

Sr. No.	Model	NO. of peels	Volumetric capacity	Dead Weight (in kg)
1	LTEx-300	4 peels	0.3m3	955
2	LTEx-400	5 peels	0.4m3	1335
3	LTEx-075	5 peels	0.75m3	1318
4	LTEx-850	5 peels	0.85m3	1500



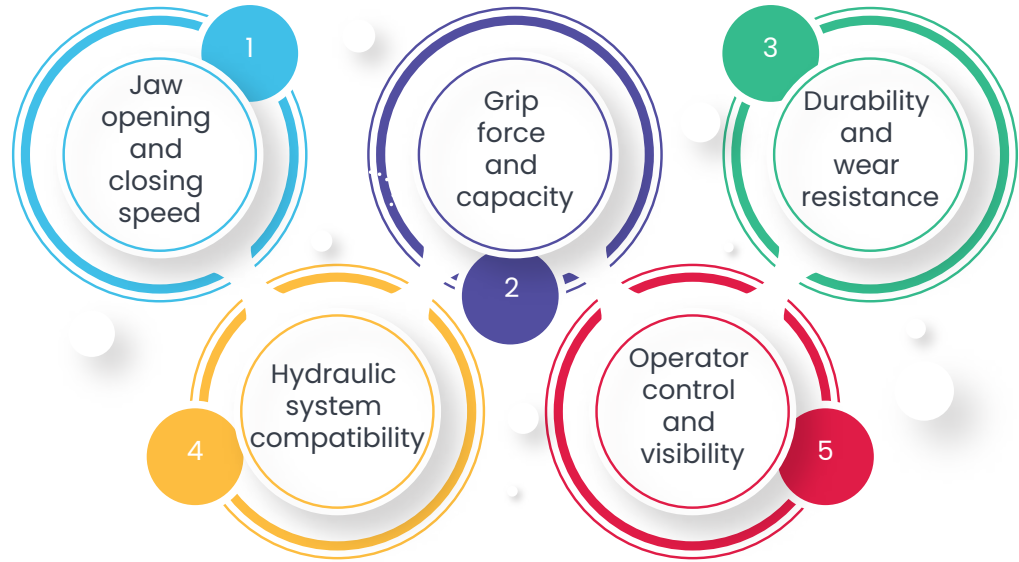
EXCAVATOR MOUNT CLAMSHELL GRAB

Clamshell excavator grabs are versatile attachments for efficient material handling. Here's a detailed overview:

Design and Functionality:

1. Hinged jaws open and close like a clamshell
2. Hydraulic cylinders control jaw movement
3. Suitable for handling various materials (e.g., soil, sand, gravel, debris)

Key Features



Applications

1. Excavation (e.g., digging, trenching)
2. Material handling (e.g., loading, unloading)
3. Demolition (e.g., debris removal)
4. Landscaping (e.g., moving trees, rocks)
5. Mining (e.g., loading ore)

Benefits:

1. Increased efficiency
2. Improved safety
3. Reduced manual labor
4. Enhanced precision
5. Cost savings



Technical Details

Sr. No.	Size	No. of peels	Volumetric capacity	Dead Weight (in kg)
1	LTExc-500	2	0.5m3	1200
2	LTExc-1000	2	1m3	1450
3	LTExc-2000	2	2m3	2100

Technical Parameters of
GRAB BUCKETS

Size 1	Capacity 2		Dead Weight Grab 3	Crane 4	Motor 5	Intensity 400V	Operating Pressure	Closing Time 6	Opening Time	Overall Dimensions mm.				Number of Shells
	Volume	Load Medium								A	B	C	D	
	M3	t	KG	t	KW	A	BARS	S"	S"	A	B	C	D	
LT-500	0,5	1 - 1,4	1.600	3	10	20	160	8	4	1080	1731	1550	2372	4
LT-750	0,75	1,5 - 1,9	1.785	4	10	20	160	8	4	1910	1700	1750	2560	4
LT-1000	1	2,2 - 2,5	1.925	4,5	20,5	39	200	8	4	2060	1750	1980	2700	4
LT-1250	1,25	2,5 - 2,8	2.015	5	20,5	39	200	8,5	4,5	2260	1810	2000	2980	4
LT-1600	1,6	2,7 - 3,4	2.300	5,5	25,5	48,5	250	8,5	4,5	2530	2075	2300	3120	6
LT-1750	1,75	2,9 - 3,6	2.412	6	31,5	61	250	8,5	4,5	2566	2115	2138	3456	6
LT-2000	2	3 - 4	2.992	6,5	31,5	61	250	8,5	4,5	2633	2160	2425	3315	6
LT-2250	2,25	3,3 - 4,4	3.390	8,7	31,5	61	225	9	5	2740	2200	2505	3500	6
LT-2500	2,5	3,7 - 4,8	4.690	9,4	31,5	61	225	9	5	2773	2260	2585	3600	6
LT-2750	2,75	4,1 - 6	4.990	10,9	31,5	61	225	9,5	5,5	2953	2510	2605	3807	6
LT-3000	3	4,4 - 6,2	5.030	11,2	40	74,5	250	9,5	5,5	3065	2550	2620	4005	6
LT-3200	3,2	5 - 7	5.150	12,1	40	74,5	250	9,5	5,5	3200	2719	2637	4023	6

WHAT WE DO?

Technical Advantages of GRAB BUCKETS

Enhanced Visibility

The operator can easily see the scrap being handled, allowing for precise and convenient material placement.

Reduced Platform Wear

Unlike electromagnets, grab buckets do not induce magnetic flux that could damage reinforced steel rods in concrete platforms.

Improved MTTR

With excellent Mean Time to Repair (MTTR) metrics, our grab buckets ensure minimal downtime and easy maintenance.

Non-Ferrous Handling

Unlike magnets, grab buckets can easily handle non-ferrous metals and stainless steel materials, offering greater versatility.

Lower Dead Weight

Compared to equivalent capacity electromagnets, grab buckets have a lower dead weight, reducing the overall load on cranes.

Energy Efficient

They consume much less power than electromagnets of equivalent capacity, leading to cost savings and environmental benefits.

Increased Efficiency

Grab buckets can handle up to four times the volume of scrap compared to electromagnets, significantly boosting productivity.

Safety in Power Outages

In case of electricity failure, grab buckets pose no risk, unlike electromagnets, which can fail and cause operational hazards.



Why Choose LeisterTech GRAB BUCKETS?

LeisterTech is committed to delivering high-quality, reliable material handling solutions. Our grab buckets are the result of extensive research and development, ensuring they meet the highest standards of performance and durability. Whether you need to handle bulk materials, scrap, or specific industrial by-products, LeisterTech has the perfect grab bucket to meet your requirements.

LeisterTech's grab buckets are a vital component in any industrial operation that requires efficient, safe, and precise material handling. With a wide range of models and customization options, our grab buckets are designed to meet the unique needs of each customer, ensuring optimal performance and long-term reliability.



Core Values



Innovation

Continuous development of advanced products and technologies to meet evolving industrial needs.



QUALITY

Strict adherence to the highest industry standards, ensuring durable and reliable machinery.



CUSTOMER FOCUS

Offering tailored solutions and exceptional service to meet the specific requirements of each client.



SUSTAINABILITY

Commitment to environmentally responsible manufacturing practices that reduce the industrial sector's carbon footprint.



LeisterTech Projects India Pvt. Ltd. is a premier manufacturer and supplier of specialized industrial machinery, focusing on sectors such as steel production, foundries, and material handling. Known for its commitment to innovation, quality, and customer satisfaction, LeisterTech delivers cutting-edge solutions designed to optimize operational efficiency and minimize downtime.

Mission Statement

LeisterTech aims to revolutionize the heavy industry sector by providing advanced, high-performance machinery that meets the rigorous demands of modern industrial operations. The company is driven by the vision of becoming a global leader in industrial machinery, recognized for its innovation, quality, and customer-centric approach.

Vision

To lead the global market in industrial machinery by continuously innovating and providing top-tier solutions that enhance productivity, reduce operational costs, and contribute to the sustainable growth of industries.

Core Values

Innovation: Continuous development of advanced products and technologies to meet evolving industrial needs.

Quality: Strict adherence to the highest industry standards, ensuring durable and reliable machinery.

Customer Focus: Offering tailored solutions and exceptional service to meet the specific requirements of each client.

Sustainability: Commitment to environmentally responsible manufacturing practices that reduce the industrial sector's carbon footprint.