

FOUNDRY EQUIPMENT & SPARES

Company Profile

Since 2006, Dwarkesh has been a leading manufacturer of high-performance foundry equipment, specializing in Foundry Ladles, Cupola Furnace, Sand Mixer, Moulding Box and custom-engineered solutions. As an ISO 9001:2015 certified company, we are committed to delivering innovative and durable products designed to meet the evolving needs of modern foundries, ensuring operational efficiency and safety.

With nearly two decades of experience, we maintain a strong focus on quality, precision, and customer satisfaction. By combining advanced manufacturing technology with stringent quality control processes, Dwarkesh has earned the trust of clients worldwide as a reliable partner for efficient foundry solutions.



Vision

Our Company Mission is to create the most compelling foundry automation equipment company of the 21st century by serving to most popular foundry.



Mission

Our Company Vision is to accelerate automation in foundry for more accurate easy performance of Foundry. We believe that every step of foundry process can be made accurately by adding automation without compromise safety.

Advantages



Distinct R&D team associated with FOUNDRY INDUSTRIES more than 20 years



Sale & Prompt after sales support.



We can provide customised Foundry Solution.



Ready stock of equipments & spares



LADLE

LARGE CAPACITY

LADLES UPTO 40 Mt.



MORE THAN 500 LADLES ARE WORKING SATISFACTORY IN INDIA AND ABROAD

Leading Manufacturers & Exporters of : Full Range of Foundry Ladles, Cupola Furnace, Foundry Sand Mixer, Moulding Boxes & All Type of Foundry Equipments.

🌐 www.foundryladles.in / www.dwarkeshengworks.com

LIP POURING LADLE :-

A Lip Pouring Ladle with a gearbox is designed for smooth and controlled pouring of molten metal. It is ideal for capacities ranging from 40 kg to 20 tons, making it suitable for diverse foundry applications.



Key Features :-

- ▶ **Sturdy Construction** : Built with high-grade materials to endure extreme heat and heavy loads.
- ▶ **Gearbox Mechanism** : Ensures smooth and precise tilting for controlled pouring.
- ▶ **Customizable Design** : Available in multiple capacities and configurations for various metals.

Applications :-

Perfect for handling molten iron, steel, aluminum, and other metals with ease and accuracy in medium to large-scale operations.

BOTTOM POURING LADLE :-

A Bottom Pouring Ladle is designed for precise and efficient transfer of molten metal in foundry operations. It is ideal for capacities ranging from 750 kg to 40 tons, Its bottom nozzle mechanism ensures controlled pouring, reducing spillage and improving casting quality.



Key Features :-

- ▶ **Durable Construction** : High-grade steel and refractory materials for extreme heat resistance.
- ▶ **Precision Pouring** : Bottom-operated nozzle for controlled metal flow.
- ▶ **Safety & Versatility** : Robust handles and customizable sizes for various applications.

Applications :-

Ideal for pouring molten iron, steel, aluminum, and other metals with minimal turbulence and maximum accuracy.

FILTER SPOUT LADLE :-

A Filter Spout Ladle with Gearbox is designed for the controlled pouring of molten metal through a filter to remove impurities. Equipped with a gearbox for smooth tilting, it ensures precise metal flow and high-quality casting. Available in capacities from 50 kg to 20 tons.



Key Features :-

- ▶ **Durable Construction** : Crafted from heat-resistant materials for long-lasting performance.
- ▶ **Gearbox Mechanism** : Enables smooth and controlled tilting for accurate pouring.
- ▶ **Filter Spout** : Ensures impurity-free metal by filtering during pouring, improving casting quality.

Applications :-

Ideal for pouring molten metals like steel, iron, and aluminum, where high purity is crucial for casting precision.

TEA SPOUT LADLE :-



A Tea Spout Ladle with Gear is designed for precise pouring of molten metals, featuring a spout for controlled flow and a gear mechanism for easy tilting. It is ideal for applications requiring high accuracy in smaller to medium-sized capacities upto 30 tons.

Key Features :-

Durable Construction : Made from high-strength materials to handle high temperatures.

Gear Mechanism : Facilitates smooth and controlled

Tea Spout Design : Offers a fine control over metal flow, reducing spillage and improving casting quality.

Applications :-

Perfect for small to medium-scale foundry operations, suitable for pouring molten metals like aluminum, brass, and others in precise quantities.

An SG Treatment Ladle with Gearbox and Tundish Cover is specifically designed for treating molten metal with controlled conditions, ensuring high-quality casting. It features a gearbox for smooth tilting and a tundish cover for minimizing oxidation and contamination. Available in capacities ranging from 50 kg to 30 tons.

Key Features :-

Heavy-Duty Construction : Built with heat-resistant materials to withstand extreme temperatures.

Gearbox Mechanism : Provides smooth tilting for precise control during SG treatment.

Tundish Cover : Prevents metal contamination and reduces heat loss during treatment.

Applications :-

Ideal for SG (Spheroidal Graphite) iron treatment and other casting processes, commonly used in foundries for steel and iron alloys.

SG TREATMENT LADLE :-



CUPOLA FURNACE :-



Applications :-

Widely used in foundries for melting cast iron, the Dwarkesh Cupola Furnace is ideal for producing high-quality molten metal for casting applications in industries like automotive, construction, and heavy machinery.

The Cupola Furnace is a reliable and efficient solution for melting cast iron in foundries. Designed for continuous operation, it ensures consistent melting performance and high-quality molten metal output.

Key Features :-

Efficient Melting : Ensures uniform heating and fast melting of cast iron for superior productivity.

Customizable Sizes : Available in a range of capacities to meet the specific melting requirements of foundries.

Coal Efficiency : Engineered to minimize Coal consumption while maximizing melting efficiency.

Easy Operation & Maintenance : Features a user-friendly design for simple operation and hassle-free maintenance.

CCM LADLES :-

CCM Ladles are designed for the efficient transport and pouring of molten metal in Continuous Casting Machine (CCM) operations. Available in Bottom Pouring and Lip Pouring types, these ladles come in capacities ranging from up to 100 tons to meet the needs of high-volume casting.

Key Features :-

Bottom Pouring Ladles : Ladles over a capacity of 40 tonnes mostly employ slide gate systems as they are mostly used for very big castings requiring a single pouring.

Lip Pouring Ladles : Feature spout controlled pouring lifting hook.

Heavy-Duty Construction : Made from heat-resistant materials to handle extreme temperatures and large metal volumes.

Customizable Design : Available in various sizes and configurations to suit different foundry applications and metal types.

Safety Features : Includes robust handles, locking mechanisms.



Applications :-

Ideal for large-scale foundries and steel industries, CCM Ladles are used for the continuous casting of steel, iron, and alloys. Both Bottom Pouring and Lip Pouring types ensure smooth metal flow from furnace to caster, contributing to high-quality metal production.

MOULDING BOX :-

The Foundry Moulding Box is designed to create molds for metal casting. Built for durability and precision, it provides a reliable solution for forming high-quality molds in foundry operations.



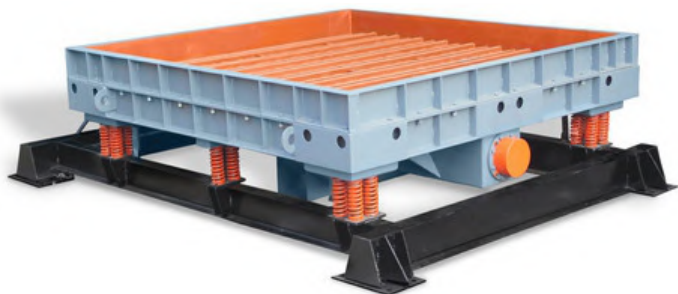
Key Features :-

- ▶ **Heavy-Duty Construction** : Made from high-strength materials to withstand the pressure of molten metal.
- ▶ **Versatile Sizes** : Available in a wide range of sizes and configurations to meet various molding needs.
- ▶ **Precision Fit** : Ensures accurate molding for consistent and high-quality metal castings.
- ▶ **Easy Handling** : Designed for easy assembly and disassembly, improving efficiency in mold preparation.
- ▶ **Corrosion-Resistant** : Coated with materials that resist corrosion and wear from repeated use.

Applications :-

Ideal for forming molds for casting iron, steel, aluminum, and other metals. Used extensively in foundries for manufacturing metal components for industries such as automotive, machinery, and construction.

VIBRATING KNOCK OUT MACHINE :-



Applications :-

Ideal for foundries producing metal castings. Used for removing metal castings from sand molds, especially in high-volume casting operations for industries such as automotive, aerospace, and industrial machinery.

The Knockout Machine is designed to efficiently remove metal castings from molds in foundry operations. With robust construction and powerful mechanisms, it ensures quick and reliable mold knockout, enhancing production efficiency.

Key Features :-

- Durable Construction** : Built with heavy-duty materials to handle the stress of high-impact knockout operations.
- Powerful Knockout Mechanism** : Delivers strong force for easy and efficient removal of castings from molds.
- Adjustable Settings** : Offers customizable force and timing for different molding requirements.
- Low Maintenance** : Designed for easy cleaning and minimal downtime, ensuring continuous productivity.

SWING FRAME GRINDER :-

The Dwarkesh Swing Frame Grinder is a highly popular choice in foundries for grinding and finishing metal castings. Designed for heavy-duty operations, it provides flexibility and efficiency in grinding large, complex metal parts.

Key Features :-

- Robust Construction** : Built with high-quality materials to handle the demands of tough grinding tasks.
- Swinging Arm Design** : Mounted on a flexible swinging arm, allowing easy maneuverability and precision grinding at various angles.
- Powerful Motor** : Features a high-capacity motor that ensures efficient grinding of large metal parts.
- Adjustable Speed and Angle** : Provides variable speed control and adjustable angles for optimal results.

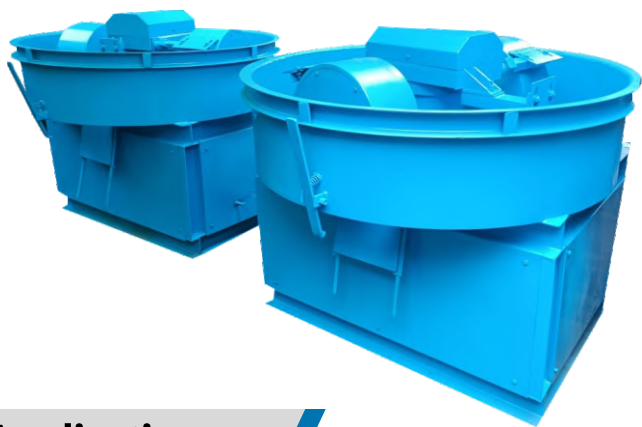


Grinding Wheel Dia. x Wid. x Bore	300 x 40 x 25.4 mm	400 x 65 x 152.4 mm	500 x 75 x 230.2 mm	600 x 100 x 300 mm
Grinding Wheel R.P.M.	2200	2100	1730	1500
Ele. Motor H.P.	5 H.P.	7.5 H.P.	10 H.P.	15 H.P.
Heavy Type	7.5 H.P.	10 H.P.	15 H.P.	20 H.P.
Centre Distance Motor & Wheel	900 mm	1400 mm	1700 mm	2000 mm
Weight Kg. (Apprx.)	100 Kg.	200 Kg.	300 Kg.	500 Kg.

Applications :-

Ideal for cleaning, deburring, and finishing metal castings, the Dwarkesh Swing Frame Grinder is widely used in industries such as automotive, aerospace, and industrial machinery for grinding large, heavy-duty metal parts.

Sand Mixer for Foundry :-



Applications :-

Ideal for mixing green sand, resin-bonded sand, and other types of foundry sand for casting applications in a variety of industries.

A Sand Mixer is used in foundries to mix sand, clay, and other additives to create molds and cores for casting. Available in various sizes, these mixers ensure uniform and efficient mixing of foundry sand to meet the required molding standards.

Key Features :-

Durable Construction : Built with heavy-duty materials to withstand the abrasive nature of sand.

Efficient Mixing : Provides consistent and uniform mixing for high-quality mold preparation.

Adjustable Settings : Allows control over mixing time, speed, and intensity to suit different molding needs.

Easy Maintenance : Designed for easy cleaning and maintenance to minimize downtime.

INTENSIVE SAND MIXER :-

An Intensive Sand Mixer is specifically designed to provide high-speed, thorough mixing of sand for foundry applications. This mixer is ideal for producing high-quality molds and cores with uniform consistency and strength.

Key Features :-

High-Speed Mixing : Offers fast and intense mixing to achieve a uniform mixture of sand and binders.

Heavy-Duty Design : Constructed with durable, abrasion-resistant materials for long-lasting performance.

Energy Efficient : Designed to optimize power consumption while ensuring efficient mixing.

Customization Options : Available in various sizes to accommodate different production volumes and sand types.



Applications :-

Perfect for intensive mixing of molding sand in large-scale foundries, particularly for high-quality mold production in steel, iron, and non-ferrous metal casting.



OUR MAJOR CLIENTS :-



**MANUFACTURERS OF FOUNDRY LADLES,
CUPOLA FURNACE, SAND MIXER,
MOULDING BOXES &
ALL TYPE OF FOUNDRY EQ**



📍 32, Nalanda Estate, Nr. Shabri Hotel,
Girnar Scooter Compound,
S.P. Ring Road Circle, Odhav, Ahmedabad

☎ **9016487744, 9824474258**

🌐 www.foundryladles.in

📍 Plot No. 4, B-Gaekwad Industrial Park,
Nr. Bharat Petrol Pump, Ahmedabad -
Indore Hwy, Kuha, Ahmedabad-382433.

☎ **9016487744, 9824474258**

🌐 www.dwarkeshengworks.com