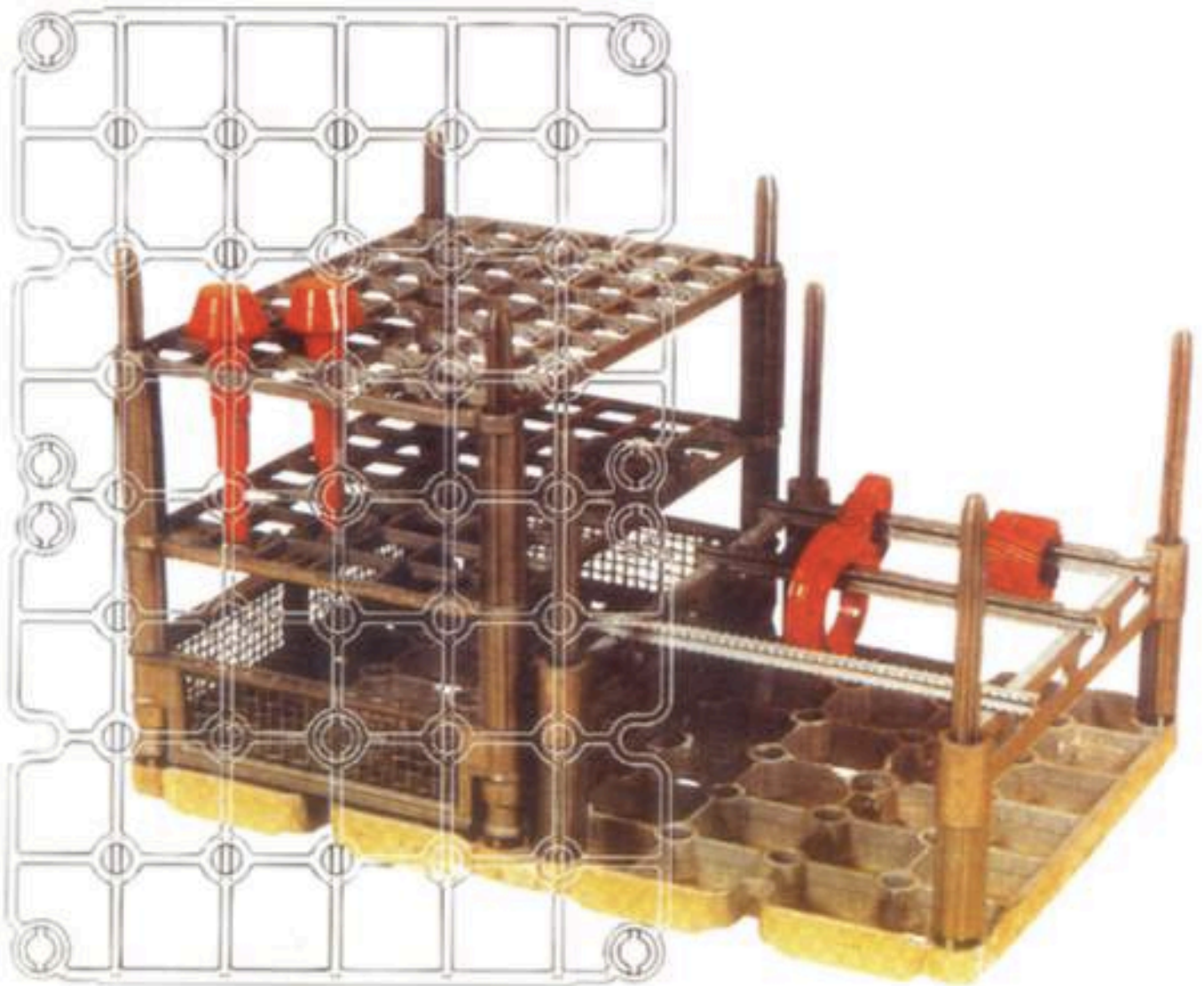




JAMS Castings Private Limited

Technology Focussed on the Future



Company Profile:

JAMS have established themselves as pioneers in the manufacturing of special Alloy Castings & Fabricated Equipment for heat, wear & corrosion resistant applications. Our products are being used in a wide range of industries for vital applications. The foundation stone of JAMS is led by the Promoter, Mr Sunil H. Bhatia who holds a B. E (Metallurgy). His vast technical experience of over 40 years in High Heat Resistant Steel Castings has helped us meet the expectations of our customers for Reliable and Quality Castings.

We are OEM of Leading Furnace Manufacturers in India. To name a few; Ipsen Technologies Pvt. Ltd, Aichelin Unitherm - Heat Treatment Systems India, HIGHTEMP Furnaces & Welmech Furnaces are our valued clients.

We have three main divisions producing following items:

CASTING DIVISION:

Charge Trays & Baskets, Charge Supports, Cast Fixtures, Hearth Plates, Hangers, Cross Bars, Suspenders & Suspender Holders, Rails & Rollers single piece Cast Machined & Dynamically balanced fan for SQF.

FABRICATION DIVISION:

Retorts, Fan Shaft & Impellers, T Rails, Radiant Tubes & Heaters, Furnace Chain & Inner Door, Conveyor Belts, Heating Elements.

CENTRIFUGAL CASTING DIVISION:

Centrifugally Cast & Fabricated Radiant Tubes, Furnace Rollers, Can-Alloy Bushes & Spacers, Sleeves.

Presently we are supplying these items to various industries like Automobile & Heavy Vehicle manufacturers, Iron & Steel, Cement and Petro-chemical Plants, Furnace and Bearing manufacturers.

Since decades, JAMS has been committed to provide high quality heat treatment fixtures & Fabricated Equipment. Apart from manufacturing, we offer state-of-the-art engineering designs & assemblies which are specific to customer requirements and standards.

Metallurgy:

Chemical Composition Heat Resistant Alloy Steel Castings

ASTMA 927	C	Cr	Ni	Si	Mn Max	S Max	P Max	Moly Max	IS Max
HD	0.20 - 0.50	26.0 - 30.0	4.0 - 7.0	2.00	1.00	0.050	0.050	0.5	4
HF	0.20 - 0.50	18.0 - 20.0	8.0 - 10.0	2.00	2.00	0.050	0.050	0.5	5
HE	0.20 - 0.50	26.0 - 30.0	8.0 - 10.0	2.00	2.00	0.050	0.050	0.5	6
HH1	0.20 - 0.50	23.0 - 27.0	11.0 - 14.0	2.00	2.00	0.050	0.050	0.5	7
HH2	0.15 - 0.35	19.0 - 21.0	13.0 - 15.0	2.50	1.50	0.050	0.050	0.5	8
HK	0.20 - 0.50	23.0 - 27.0	18.0 - 22.0	2.00	2.00	0.050	0.050	0.5	9
HL	0.20 - 0.60	28.0 - 32.0	18.0 - 22.0	2.50	2.00	0.050	0.050	0.5	10
HN	0.20 - 0.50	19.0 - 23.0	23.0 - 27.0	2.00	2.00	0.050	0.050	0.5	11
HT	0.35 - 0.75	13.0 - 17.0	33.0 - 37.0	2.50	2.00	0.050	0.050	0.5	12
HU	0.35 - 0.75	17.0 - 21.0	37.0 - 41.0	2.50	2.00	0.050	0.050	0.5	13
HX	0.35 - 0.75	15.0 - 19.0	62.0 - 68.0	2.50	2.00	0.50	0.050	0.5	14

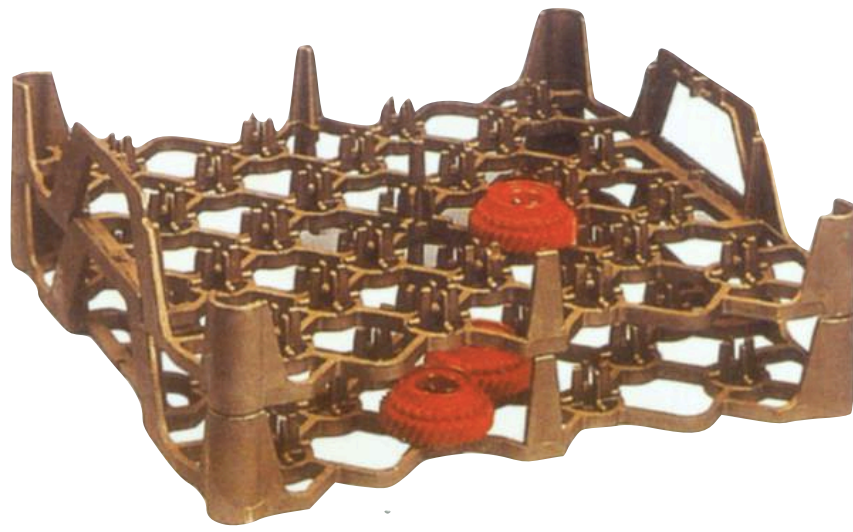
CAST FIXTURES:



Charging Fixtures being the link between the component and the furnace plays an especially important role.

At JAMS we have expertise in designing Tailor made Fixtures as per customer's requirement. Our Designing Experts are available for New Designs as well as the Redesign of Existing applications. We Expertise in utilizing and designing an Efficient arrangement of Cast Fixtures which maximize loading of components in each charge.





BASE GRIDS:



Base grids form the "basis" of almost every type of furnace. They are used directly as charge carriers or in connection with fixture structures and as charging fixtures made of high-alloyed steel cast. JAMS manufactures base grids in a wide variety of different sizes and have numerous models available.



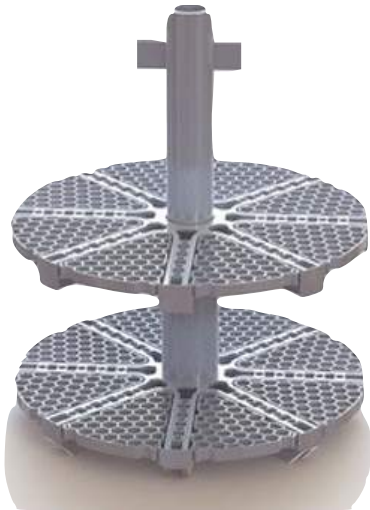
CHARGE BASKETS:



Our cast baskets are characterized in particular by their extreme durability. We offer a wide range of standard baskets along with Custom Design Baskets which is adapted as per customer requirements. We also offer Cast Baskets with wire mesh as per customer's requirement.



Pit type furnace fixtures:



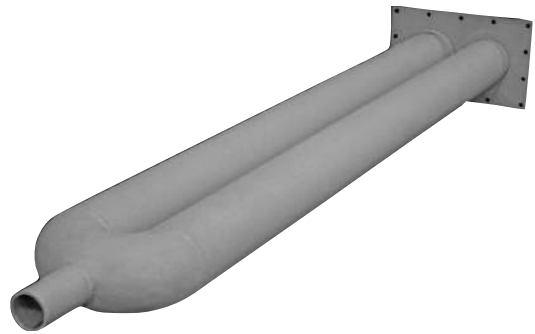
JAMS specializes in Fixtures for Pit Type Furnace / GCF. Our Design team has experience in designing fixtures to suit customer requirements. There are various sizes available from 600 MM diameter to 3000 MM Diameter with charge carrying capacity upto 12000 Kg in one batch. We have engineered heavy duty pit furnace tooling for many industrial applications.



Centrifugal Castings:



At JAMS we deliver casting of Centrifugal Pipes of extremely highest material soundness making it the technology of choice for engineers. We manufacture Centrifugal Pipes to cater the needs of Radiant Tubes, Retorts as per Standard Sizes. We can centrifugal cast and machine the perfect finished part.



Furnace Components:



We are the ideal replacement choice for top quality furnace spares. Being OEM Suppliers of all major Furnace Manufacturing Companies we offer wide range of Furnace Spares such as Transfer Conveyor Chains, Single Piece Dynamically Balanced Fan Shafts, Radiant Tubes & Heating Elements, Retorts for Endo Gas Generators, Fabricated Furnace Doors etc..

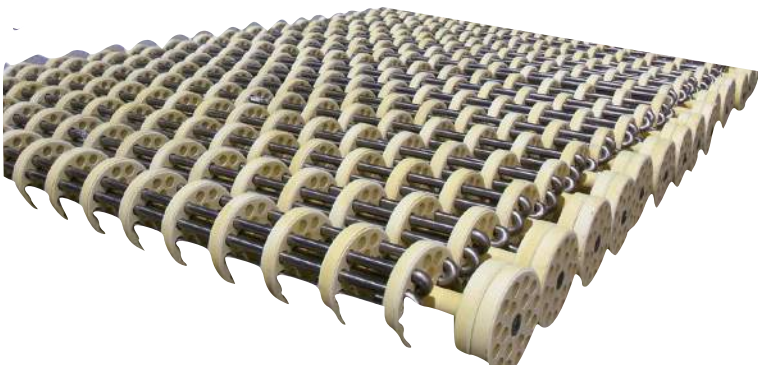


Transfer Conveyor Chain for Seal Quench Furnace



T - Rails

Walking & Fixed Beam Castings

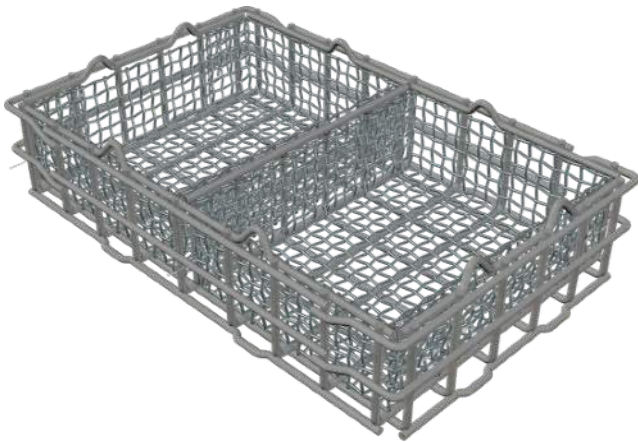


Heaters for Furnace



Single Piece & Dynamically Balanced
Sealed Quench Circulating Fans

Fabrication:



We at JAMS are well equipped with Press & Welding departments to cater the need for supply of Fabricated Heat Treatment items. We can supply Fabricated & Cast T - Rails, Hooks & Hangers, Recuperators, Fabricated Baskets, Dynamically Balanced Impellers & Machined Shafts to name a few.



CAST IMPELLERS



JAMS Castings Private Limited

Fabricated & Cast Furnace Equipment Spares



Single Piece Dynamically Balanced Fan Impeller used in Sealed Quench Furnaces which is mounted on Bung Roof of the Furnace.



High Heat Resistant Transfer Conveyor Chains for Hot & Cold Zone of Carburizing, Carbo Nitriding, Hardening & Sealed Quench Furnaces.



Radiant Tubes for Gas Fired Furnaces to Transfer Heat Load.



Cast Rotary Wheel for Rotary Hearth Furnaces.



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