TRAY, JIG & BASKET
Tray, Jig, and Basket – Advance Heat Treatment Accessories

- One of Prolific Heating International (PHI)’s source for tray is Mikuni Kiko Co., Ltd
- As partner of Mikuni Kiko Co., Ltd in Thailand for 3 years, PHI has adopted many of the work ethics as well as process to satisfy customers’ need from Mikuni Kiko Co., Ltd.
Target Market

- Aerospace Industry
- Automotive Industry
- Auto Part Industry
- Commercial Heat Treatment Industry
Benefit of Sourcing Tray from PHI

• As the tray/jig/basket will be used in the harsh thermal environment, it is always exposed to the risk of distortion and high temperature corrosion cracking in a heat treatment process. Our product design adopted required strict dimensional accuracy to be able to handle such harsh environment.

• The product are durable enough to fork lift and other physical distribution.

• Collaborative network to realize an optimum procurement.

• The company equipped with designers to make sure that the tray is spot on customer’s request.
Lost Wax Castings

It allows thin-wall design to improve heating efficiency and workability by weight reduction.
Lost Wax Castings

Frames, suspending bar (assembled, single step)

Frames (suspending bar set)

Frames + Wire Basket

Jig Parts (Suspending Bar Holder)

Stopper (For Shaft)
Lost Wax Castings

Spicer jig

Base tray for vacuum furnace

Base tray (for continuous furnace) correspond to roller hearth furnace

Jig part (collar)

Base tray (for continuous furnace) correspond to pusher furnace
Sand Casting

It applies for base trays of the pusher furnace which is require heavy load conditions, large products that the size is over 1,000 mm or centrifugally cast tubes.

- Tray for Continuous Furnace
- Tray for Batch Furnace + Stopper Welding
- Tray for Refining Furnace
- Grid for Pit Furnace
- Balance Weight
- Grid for Pit Furnace
Stainless Steel Product (SUS)

Welding products which uses stainless steel material such as round bar, flat bar, angle, laser cut plate, pipes and wire gauze.

 Alignment Jig Frame for Parking Rod

 Basket

 Alignment Jig for small shaft

 Wire net cage

 Suspending Jig for shot blasting

 Corrugated basket for Annealing
Prolific Heating International co., Ltd

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