



Stainless Steel Crucibles

Welded fabricated crucibles
for all non ferrous

castings for improved metal
quality.



CRUCIBLE FOR ZINK RECYCLING, CAPACITY
2500 KGS

The stainless steel crucible is required in all different fields using zinc alloys, from automotive, electronics, telephony, fashion, toys, leather goods, construction, locks, taps, religious items, toys, souvenir gifts, anodes and many more. All these industries use crucibles with different zinc alloy melting processes: die-casting, centrifugal casting, gravity casting and recycling. Musto is able to reply to all different requests, and fast. The stainless steel crucible for zinc alloys can be manufactured in any size and shape and adapted to any type of furnace.



SPECIAL ROUND CRUCIBLE

FOR CENTRIFUGAL MACHINE, 300 KGS



RECYCLING CRUCIBLE FOR ZINK ALLOYS, CAPACITY 13000 KGS

Advantages for using a welded fabricated stainless steel crucible:

The crucible is guaranteed for 5 years and you do not need any more crucibles stock. The fact that a fabricated welded stainless steel crucible does not break means in the long terms many **benefits** for the foundry:

- Saving money
- Saving production times
- Saving Capital costs
- Saving Floor Space
- Saving tool costs



STEEL CRUCIBLE FOR STANDARD DIE CASTING MACHINE

The stainless steel welded crucible can always be redesigned and better engineered for improving its life, by adapting the right flange, the right thickness and the right bottom. Most of our crucibles have been redesigned and studied to become more resistant, in comparison to the standard crucibles that are in the market and that is why we are able to sell them together with a lifetime guarantee.



- Strong engineering work, specialized crafts and know how is required to achieve the right structure for manufacturing a crucible for casting zinc alloys properly.
- During our long experience in non ferrous alloys we have studied and tested all different steel materials in order to advise our customers for a better crucible according to their alloys, either zinc, zamak, tin, lead and according to their type of castings.
- We have a ready stock for all the standard die casting machines
- If you don't have a drawing, we can make it for you by communicating us your measures
- A stainless steel crucible can always be repaired after many years of use.



FOR A MORE **SUSTAINABLE** FOUNDRY

CRUCIBLE EMPTYING AND REPAIRING



In zinc die casting processes, a crucible can break, leading to unpleasant surprises when we least expect it. The crucible is still completely full of zamak and the gooseneck often remains embedded in the solid metal and must therefore be replaced as it cannot be taken out. Since the gooseneck is a very expensive device, this simple kind of damage not only causes the production chain to slow down, but also entails the additional cost of purchasing a new gooseneck, as well as the loss of the metal inside the crucible itself.

Ditta Musto has therefore decided to create an additional service for customers, to avoid costly damage caused by this type of breakage. In fact, losing zinc alloy and having to pay for a gooseneck is certainly more expensive than losing a crucible.

In these cases, customers can send us their broken crucibles, full of zamak with the embedded devices inside, and Ditta Musto takes care of emptying the crucible and returning the zamak ingots, the gooseneck and any other devices. It is an inexpensive service, which is very much in demand precisely due to the value of the ingots and goosenecks that will be returned to the customer, which is at least equal to purchasing a new crucible.

Finally, depending on the type of damage, the customer can also decide to have the crucible repaired.

The customer will soon realise that this low-cost intervention will bring great savings rather than having to purchase a new zamak alloy and a new gooseneck. This operation can be done even when the crucible is very old and can no longer be repaired, and it is convenient to do so even if the customer has a cast iron crucible.

REVAMPING AND REUSING FOR A BETTER FUTURE



EN ISO 9001:2015



**INCREASE YOUR PRODUCTION BY
REFURBISHING YOUR OLD FURNACE
AND GIVING IT NEW ENERGY**

