



*Creative Paradise Inc.*

# Scrap Master

## CAST-A-CAB

Including Holey Cabs



GM151 Mini Scrap Master  
3.5" t. x 4.5" w. x 7" l.

The Mini Scrap Master and the corresponding Cast-a-Cab molds were designed to make the most of even the smallest pieces of scrap glass.

-- The conical self-elevated melting pot area allows for maximum glass evacuation and eliminates the need for added kiln furniture

-- The shape and layout of the Cast-a-Cab molds were designed to fit perfectly into the open base of the Mini Scrap Master, ensuring that the glass will melt into the middle of each mold cavity every time without guesswork or measuring.

To use the Mini Scrap Master as a self elevated melting pot with Cast-a-Cab molds, in a well ventilated area thoroughly apply MR97 Boron Nitride spray to the mold cavity of the Cast-a-Cab mold LF124-LF130). Shake the can well before use and hold the can upright and rotate the mold to cover the bottom and the entire mold cavity wall. For best results do not spray MR97 in the GM151 Scrap Master melting pots. (For more information on the use of this product <http://mr-97.com/info/>). Complete coverage of this essential (over-coverage is better than under). Place the mold on a level kiln shelf in a kiln.

Each Cast-a-Cab mold has a recommended weight range of glass to place in each melting pot of the Mini Scrap Master to create a glass casting that fills the mold but does not over fill the mold:

LF124 Hearts = 37 g /heart,  
LF125 Circles = 39 g /circle,  
LF126 Squares = 34 g/square,  
LF127 Tears = 42 g /tear  
LF128 Holey Tears = 32 g /tear,  
LF129 Holey Trilliants = 31 g /trilliant,  
LF130 Holey Circles = 43 g /circle,

Weigh the compatible, fusible scrap in a bag on a gram/ounce scale and then add the glass to the melting pot of the Mini Scrap Master



LF124 Two Heart Cast-a-Cab  
Castings 1.75" x 2"  
Mold 3.25" x 5.75"



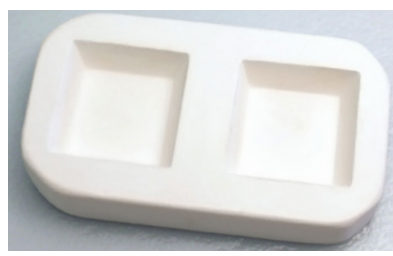
LF128 Holey Tears Cast-a-Cab  
Castings 1.75" x 2.25"  
Mold 3.25" x 5.5"



LF125 Two Circle Cast-a-Cab  
Castings 2" dia.  
Mold 3.25" x 5.5"



LF129 Holey Trilliants Cast-a-Cab  
Castings 1.75" x 1.75" dia.  
Mold 3.5" x 5.5"



LF126 Two Square Cast-a-Cab  
Castings 1.5" square  
Mold 3" x 5.25"



LF130 Holey Circles Cast-a-Cab  
Castings 2" dia.  
Mold 3.25" x 5.5"



LF127 Two Tear Cast-a-Cab  
Castings 1.25" x 3"  
Mold 3.25" x 5.5"



(there are two melting pots per Mini Scrap Master). Use a mosaic nipper to cut the pieces to fit all of the glass in the melting pot Do not allow glass to hang over the side of the melting pot cavity.

MiniScrapMastermeltingschedule			
Segment	rate	temp	hold
1	450	1650*	75 minutes
2	9999	1500	30 minutes
3	9999	960	90 minutes
4	100	825	10 minutes

\*If you suspect that your kiln runs hotter than it reads, reduce the temp in segment one to 1640

Both opaque and transparent glass can be used in any combination but it is important that the glass all be of the same COE (the firing schedule works for both COE 90 and 96) For the best results, use a minimum of 25 g of clear fusible, compatible glass as part of the total weight of glass to be melted. Black and very dark colors, both opaque and transparent, will spread and dominate if added in portions larger than a fraction of an ounce. Place the filled Mini Scrap Master over the Cast-a-Cab mold on the level kiln shelf. The opening in the



bottom of the Mini Scrap Master will fit over the Cast-a-Cab mold in a way that will line up the holes in the bottom of the melting pots of the Mini Scrap Master directly over the cavity of the Cast-a-Cab mold. Fire the project using the firing schedule found in the table above. This firing schedule has been altered from previously released firing schedule for the original Cast-a-Cab molds; the hold time in segment 1 was extended by 15 minutes to allow the glass to migrate around the ceramic posts in the NEW Holey Cast-a-Cabs. Also the temp in segment 1 was reduced by ten degrees because many kilns read a lower temperature than they fire. It is better to under fire the project than to over fire. The glass separator begins to break down at temperatures over 1660. You may find that the glass did not completely cast from the melting pot at 1650 in your kiln. Time can be added to the hold (15 minute increments) or temperature can be added (5 degree increments) to adjust the schedule for your kiln. After the kiln has returned to room temperature, open the kiln and lift the Mini Scrap Master to find beautiful cabochons that are reminiscent of cabochons made using "hot glass" techniques! Many colors of glass will shift during the process. Some colors will react with other colors to create new shades. Be prepared to for unexpected surprises! Some glass will remain in the melting pot after firing and will be part of the next project. Use E6000 to attach bails to the cabochons or string cords through the holes in the Holey Cast-a-Cabs to create stunning artistic pendants.



LF124



LF125



LF126

Metal bails and chains/cords added



LF127

New Holey Cast-A-Cabs!!



LF128



LF129



LF130