



# unbagged

Jacob Bolin





# The Story

**Unbagged empowers people to recycle with impact.** Colorado native and designer, Jacob Bolin, developed unbagged to help encourage better waste habits. From an early age, he has had a passion for minimizing waste and believes that as a product designer, he has the potential and responsibility to make an impact through design (even if only in small ways).

In his research for the project, he learned that **bagging recyclables, one of the most common waste behaviors, is detrimental to the recycling process.** At recycling centers, bags get caught in the sorting machines, forcing the entire system to shut down which causes a ripple effect of problems. Entire loads of perfectly recyclable materials are often rejected if contaminated with bags because the cost is just not worth it.

**People bag their recyclables because it is convenient.** It keeps the bin clean and makes disposal much simpler. Standard recycle bins make “no bag” extremely inconvenient. They are clunky, uncomfortable to carry, and awkward to empty. **Their poor design fails to encourage good recycling habits.**

**Unbagged is an innovative alternative to the standard bin, designed specifically to be carried, emptied, and cleaned with ease so that no bag is needed.** The light-weight bin provides an extended handle for a relaxed and balanced carry, a second handle for an easy pour, and smooth edges for convenient cleaning. **Unbagged educates through its design, ultimately guiding people toward making a small change that can make a significant difference.**

# Product Features



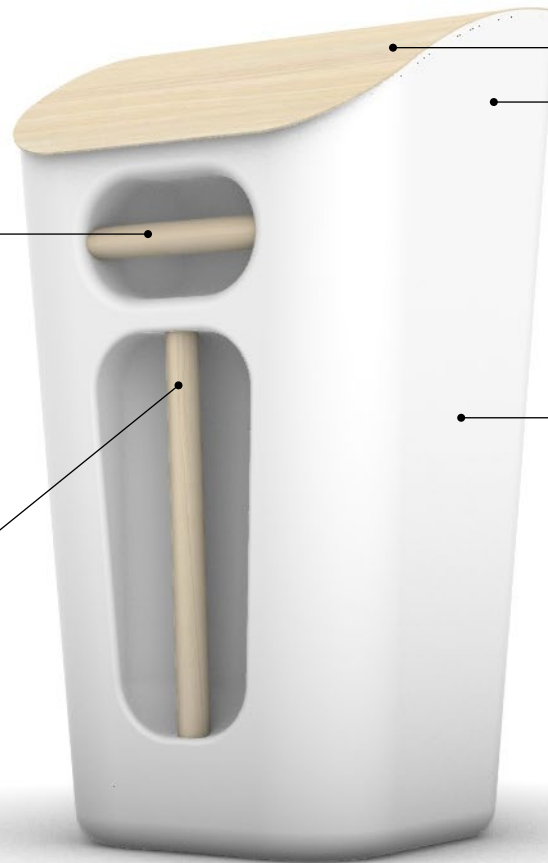
## Small handle

Designed to support a two-handed pour



## Large handle

Designed to accommodate a range of grips for a relaxed and balanced carry.



## Ideal Materials

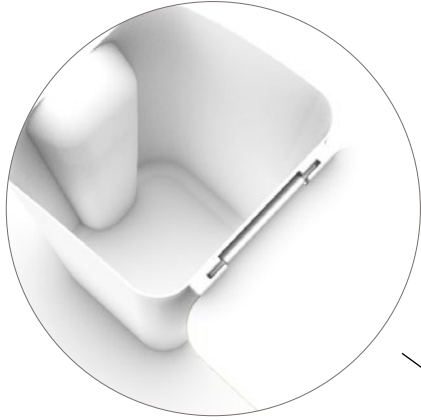
Wood for lid and handles

Recycled Plastic for bin (single piece, roto-molded)



## Elegant Profile

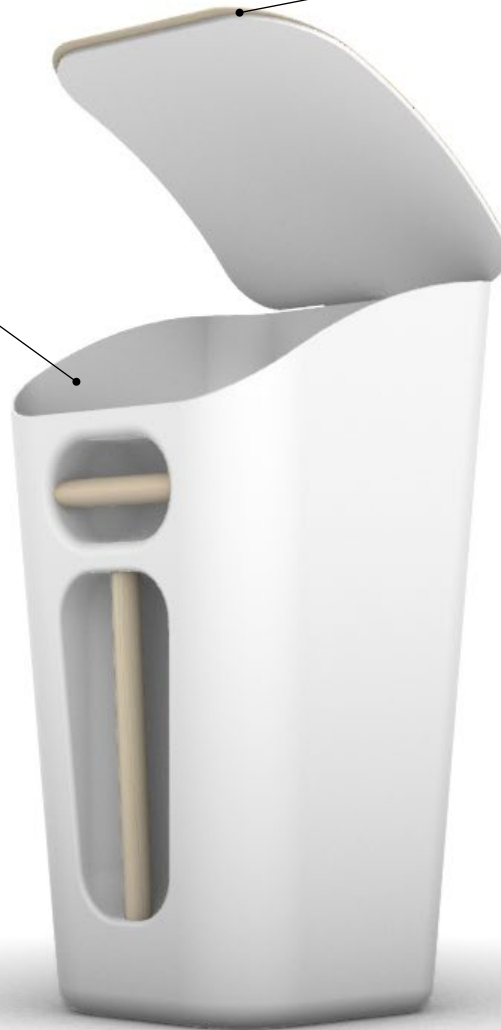
Bringing style to a purely functional product.



**Smooth Interior**  
No sharp corners to  
make cleaning easy.



**Subtle lift**  
Lid handle is elegantly integrated  
as a slight overhang.

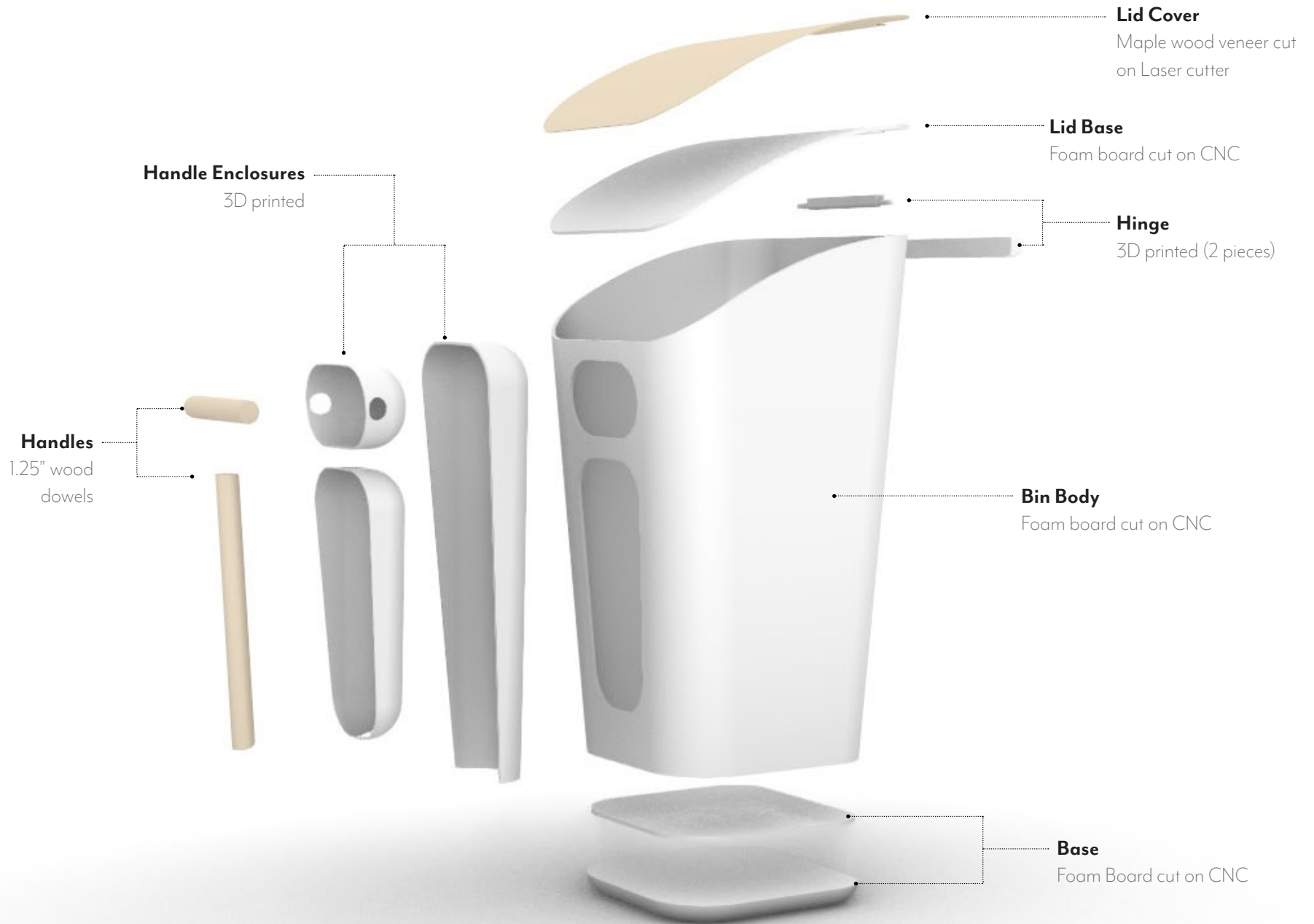


**Simple Hinge**  
Enables 180 degrees of rotation.

# Prototype



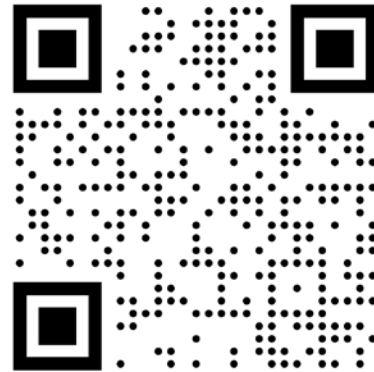
# Prototype Fabrication



# In Context







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