



Optimized Bed Scraper



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Summary

Optimized Bed scraper with replaceable blades

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Optimized Bed scraper with replaceable blades

Since the cutting edges of plastic bed scrapers wear quickly, I was not happy with the existing designs. They simply required too much filament to print.

That's why I developed this optimized bed scraper that holds replaceable blades. **Each blade weighs just 1.2 grams** - and since each blade has two cutting edges, only **0.6 grams** of filament is required per cutting edge. It couldn't be more economical, and you can now replace the blades more often without feeling guilty.

Print Settings:

This design has been optimized for printing with a layer height of 0.2mm and a line width of 0.4mm, so please do not use different values. However, the first layer of the blade should have a line width of at least 0.5mm. In

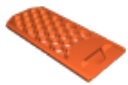
order to get the sharpest possible blade, you should choose a smooth printing surface if possible.

Assembly:

That is very easy. Simply slide the blade into the handle. **But be careful** - the blades are sharp, so don't push them in with your finger, but insert them loosely and then push them all the way by pressing the blade on a solid surface.

Model files

handle.stl



blade.stl



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