

Jack Ohly

Portfolio

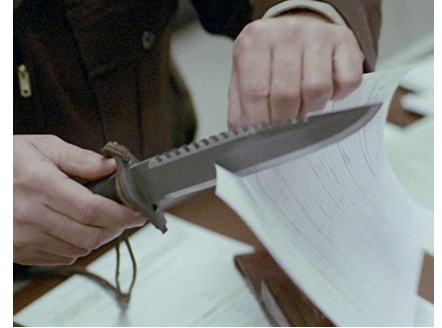
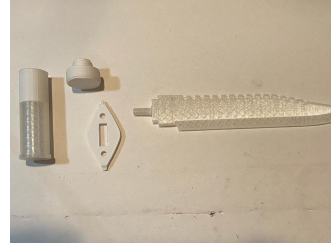
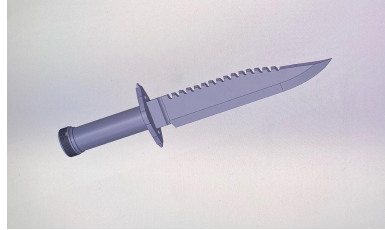


All design templates, objects, pictures, and 3D designs were created by Jack Ohly unless otherwise noted.



Rambo's survival knife, *First Blood* (1982)

- Made from plastic, twine, leather, and found objects.
- Designed in SolidWorks.
- Body of knife printed on Ender 3 V2.



Still from *First Blood*.



Orb, *Guardians of the Galaxy* (2014)



Still from *Guardians of the Galaxy*.

- Made from foam.
- Painted with acrylics.

Sabacc Dice, *Solo: A Star Wars Story* (2018)



Still from *Solo*.

- Made from plastic and metal chain.
- Dice designed in SolidWorks.
- Printed on Ender 3 Pro.

Mandalorian Helmet and Armor, *The Mandalorian* (2019-)

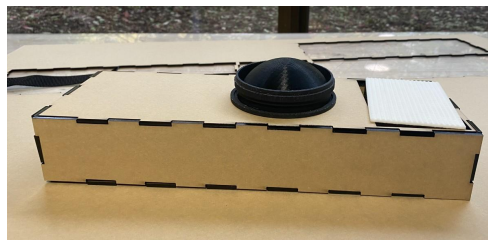
- Helmet made from plastic and replacement welding visor.
- Armor made from EVA foam.
- Helmet designed by Rob Pauza, altered by Jack Ohly.
- Helmet printed on Ender 3 Pro.



Helmet before assembly.



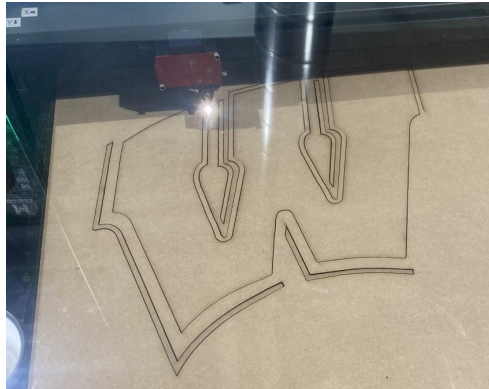
HAL 9000, 2001: A Space Odyssey (1968)



- Made from acrylic, resin, plastic, LED, speaker, and Arduino Uno.
- Camera casing, speaker grill, and lens buck designed in SolidWorks.
- Camera casing and speaker grill printed on Formlabs Form 3.
- Camera lens is thermoformed clear PETG.
- Housing is laser cut acrylic.
- Light pulses and speaker recites dialogue from film.

Wisconsin Motion W “Neon” Sign

- Made from HDF, LED strips, and wires.
- Designed in Illustrator.
- W cut out on laser cutter.
- LED strips cut to size and soldered in series.



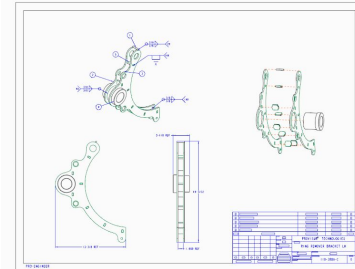
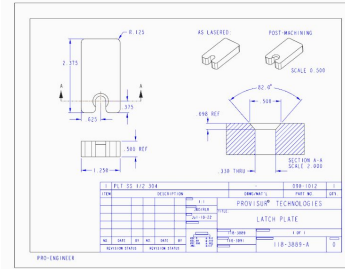
Projects at Provisur Technologies

- Projects at Provisur included:
 - a. Developing a prototype ring remover with Rebecca Kallal.
 - b. Designing a lock for side guides on a conveyor.
 - c. Making numerous drawings.
 - d. Practicing machining and learning to weld.
- Designed in Creo.
- Made from Stainless Steel.

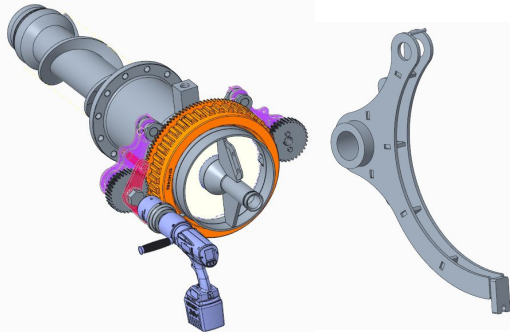
d.



c.



a.



b.

