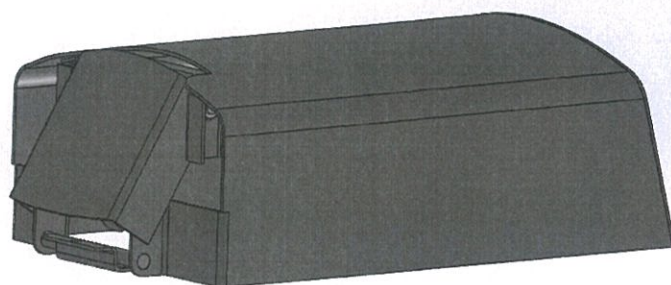# Soap Dispenser

# Budget Sheet Metal Pty Ltd

## Form A

### Technical point of Processes

1. The Soap Dispenser was designed for a client on Sheetworks 3D software using C-SUS 1.2mm Material
2. The difficult process was to get the correct radius to the front of the dispenser. We thought of making a single die for the shape, but we opted to bend the front using step bends. The step bends were programmed on Bend Cam for our HG 4010. The same has been done for the handle for the dispenser, to match the radius to the front of the Dispenser we used Bend Cam to program the step bends for that item too.
3. The components were nested on VPSS3i and cut on ENSIS 3015 AJ
4. The bending was done on our EG 4010 using 8V dies.
5. The 4mm stainless rod was cut by hand using a bolt cutter.
6. The welding process was done using TIG welding.
7. The finish was done using a brushing machine.

**Form B**

## Position suggestion



(It is not important how it is displayed, the handle will fall downwards)