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Vortech is folding vertical washing machine with a innovative washing system.

# VORTECH

To make it widely accessible and reduce energy consumption the whole washing machine needed rethinking in terms of materials, manufacturing process and washing system.

**Solution:**

A plastic body produced mostly by molding reduces the cost and manufacturing process. It also makes the washer more accident safe in terms of electricity.

By replacing the rotating motor with a pump system the energy consumption is dramatically reduced.

## 3 THE PRICE AND CONSUMPTION



**WATER PUMP**  
Price: 50\$  
Weight: 2.2 Kg



**AIR PUMP**  
Price: 40\$  
Weight: 1.9 Kg



**ELECTRIC VALVE**  
Price: 20\$  
Weight: 0.2 Kg



<b>WEIGHT</b>	10 kg
<b>PRICE</b>	130\$
<b>ENERGY</b>	300W



<b>WEIGHT</b>	54 kg
<b>PRICE</b>	300\$
<b>ENERGY</b>	900W

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**Solution**

The small living space in tiny city apartments, expensive appliances and high energy consumption are current and future problems for a large part of the world's population especially in the crowded areas. Vortech is folding vertical washing machine with a innovative washing system that replaces the traditional motor powered rotating drum with a combination of air and water pumps.

Washful Thinking



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Creative's profile



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Creative's top 5 skills

Graphic Design, Illustration, Photography, Product Design

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