



# **1 Background**

## **1.1 Need**

In developing countries, rural women are among the least privileged. Women are both essential to the family

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average woman may do two to three loads per week for a family of about five children and her husband. It generally takes at least 8 hours of washing time, not including the extra time needed to walk to the public washing reservoir or hang up clothes to dry. Additionally, while washing clothes by hand, women spend hours leaning over a concrete basin. Clothes ar-162 0 T719 0 Td (o.)Tj 8.51162 0 Td (a

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The main structure of the machine consists of a simple tube frame. The frame can be built by modifying an existing bicycle frame. The inner drum is mounted on one side of a

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