



# Introduction to SWACHH Micro: Manual Sanitary Pad making machine

# WHO ARE WE?



SARAL DESIGNS

*Saral Designs* is working on increasing access to high quality sanitary napkins. Founded in 2015 by alumni of IITs, Saral is taking a systematic approach to address challenges in the menstrual hygiene space.

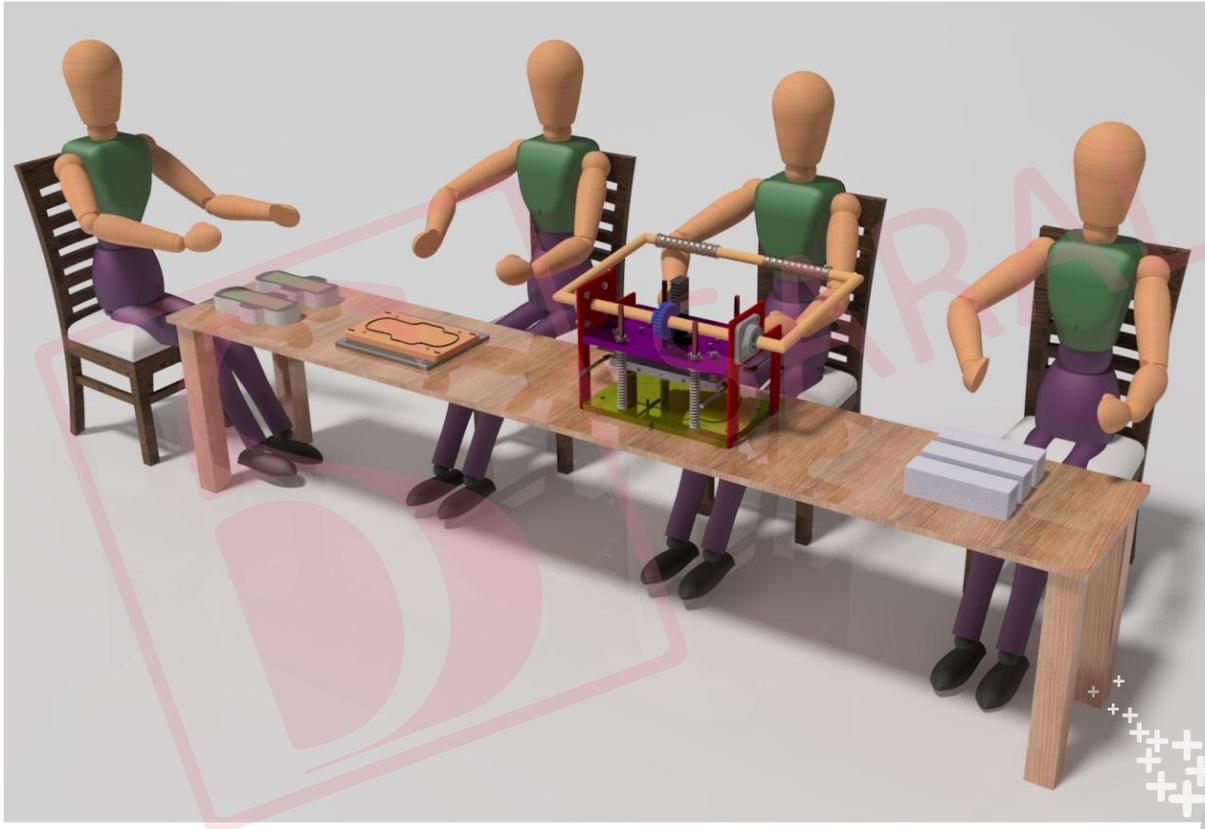
Saral has developed India's first indigenously designed machine, 'Swachh', for producing ultra-thin sanitary napkins at a decentralised scale. While decentralization cuts down the distribution costs, the automated production ensures economies of scale and product quality. Swachh ensures production quality equivalent to a that of ultra-thin napkins manufactured by Multinationals at less than half of their rate, maintaining the quality parameters (of large length, high absorption using SAP gel technology, dry and soft feel).

This will enable several manufacturers to collectively solve the problem of quality, access and affordability of menstrual hygiene products.

With production units spread **across 7 different countries**, Swachh machines are robust and the best choice for long term sustainability.

# SWACHH Micro

## Manual Sanitary Napkin Making Machine



---

*Swachh Micro* is a Manual Sanitary Napkin making machine for producing high quality ultrathin sanitary napkins.

The machine is **Low cost**, compact and **easily operable**; hence, it can be installed at several locations making it ideal for decentral manufacturing at village level.



## Specifications of SWACHH Micro

Dimensions (L x B x H)	12 Ft x 3 Ft x 5 Ft
Power Mode	220-240V, Single Phase
Power Consumption	2kW
Weight	250 kg
Pad Type*	Ultra Thin with wings
Manpower Requirement	4 on M/c, 2-4 for packaging
Space requirement	1500 Sq. Ft. +

**Note:** All product specifications are subject to change without notice as we are in the process of constant innovation and improvement in the machine

\*Fluff pad modification available upon request

## Salient Features



Makes high quality ultra thin pads with a low setup cost



Multiple sizes and shapes of sanitary pads can be made as per required customization



Compatible with different raw material options



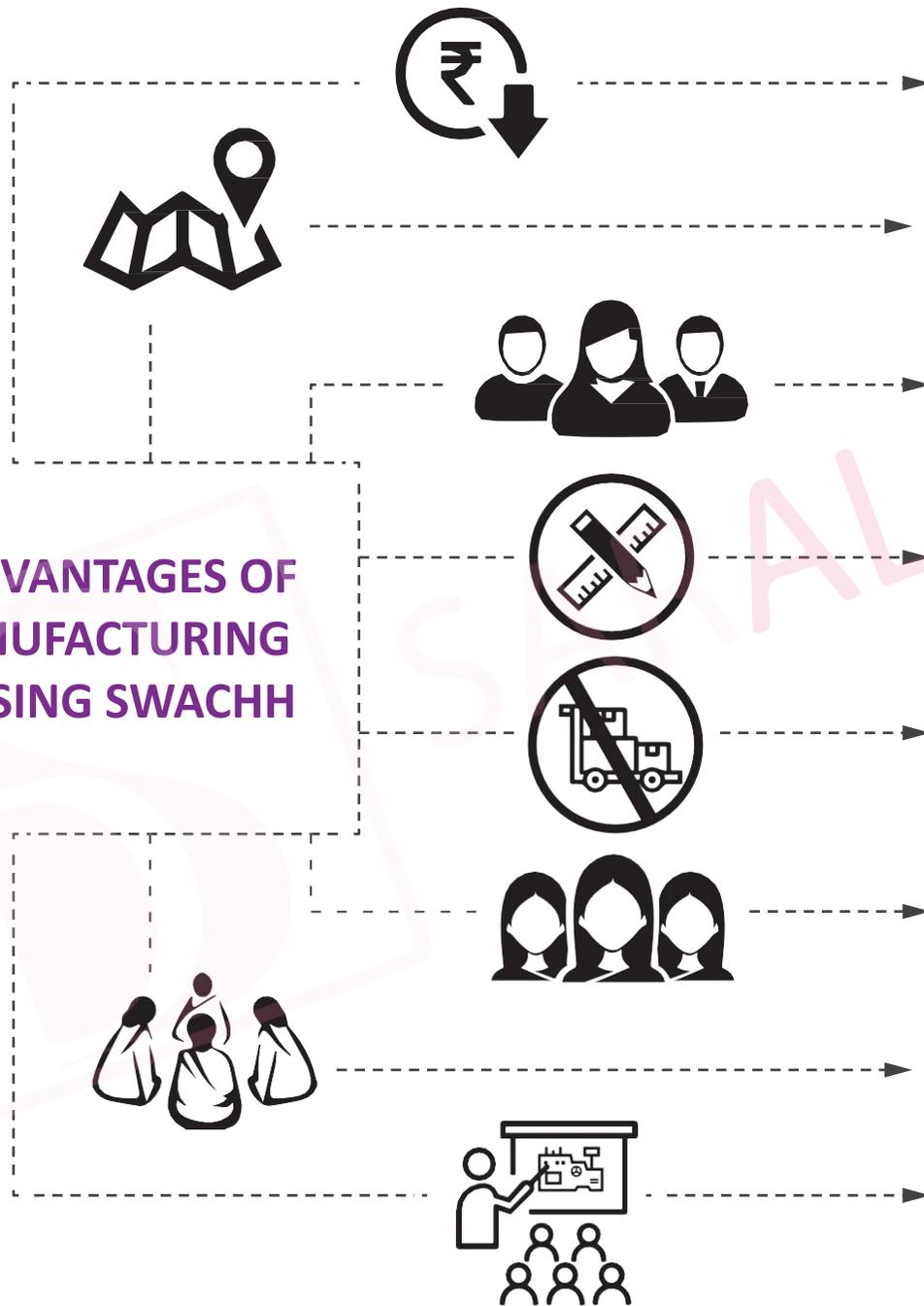
Easy process for re-mounting the raw materials roll



Compact machine

**Note:** All product specifications are subject to change without notice as we are in the process of constant innovation and improvement in the machine  
Sound

## ADVANTAGES OF LOCAL MANUFACTURING USING SWACHH



Low set-up and distribution costs through localised manufacturing

Multiple manufacturing locations across different locations

Generates local employment

Final product can be customised according to the local requirements

Eliminates the dependency on the external suppliers

Involves women actively in the sales and distribution of sanitary napkins

Women empowerment through village level entrepreneurship distribution model through SHGs

In-line with government envision of MSME & Skill development programmes

# Training

The training will be in two parts:

## Part 1

This training will require the production manager to travel to Mumbai for a 2 days training program at Saral office. Due to the Pandemic, this training can also be conducted over a video call.

Following modules will be covered during the training:

1. Overview of the industry and Swachh technology
  2. Sales and Marketing strategies
  3. Pad composition
  4. Keeping stock and accounts of raw materials as well as finished goods
- 

## Part 2

After installation at the buyer's site, Saral's Engineer will provide a 3 days training on the following topics on-site to all the staff members involved in production including the production manager.

This training will cover the following modules:

1. Operating the machine
2. Loading and unloading of raw materials on machine
3. Best practices to be followed for production
4. Regular maintenance of the machine including replacement of wear and tear parts
5. Managing basic breakdown



# Installation & Annual Maintenance Contract

---

## Installation details

Once the machine is received at the buyer's premises, one staff members of Saral will travel to the installation site.

The purpose of this visit will be as follows:

1. Installation of the machine
2. Inspection of the production facility
3. Make sure that the machine is commissioned properly

Before the installation, the buyer should procure relevant licenses, carpentry, air requirements, and electricity work at their own expense.

Note: At the time of commissioning, two personnel from the buyer's end should be present to assist Saral's engineer according to regular shift timings (8hours).

## Annual Maintenance

1. The buyer can opt for maintenance visits as per his/her convenience.
2. The Saral team needs to be informed at least 15 days prior if any maintenance service request is to be placed
3. Each visit will include inspection of machine performance and components, and preventive maintenance.
4. Maintenance visit does not include cost of spares or mechanical part replacements. Saral can ship/repair/replace the components as required as per actual costs.



## Project Financing:

---

For promoting menstrual hygiene and Entrepreneurship, Government of India has multiple loan schemes available by NABARD (upto INR 5Lac) and nationalized bank schemes like Mudra loan (upto INR 10Lac).

Find details here: <https://saraldesigns.in/how-to-finance-your-sanitary-napkin-business/>

Saral Designs Automatic machines are now registered under **TUFS scheme**. In future, if you decide to upgrade your machine to an automatic machine, subsidy scheme upto 15% can be availed. Please check the TUFS website for more details and eligibility criteria.

<http://texmin.nic.in/schemes/technology-upgradation-fund-scheme>





**SARAL DESIGN SOLUTIONS PRIVATE LIMITED**

EL-11, DNA road, Electronic zone, MIDC, Mahape, Navi Mumbai-400710  
+91-9029330401 | [www.saraldesigns.in](http://www.saraldesigns.in) | [contactus@saraldesigns.in](mailto:contactus@saraldesigns.in)

**Disclaimer:** The contents in the brochure are confidential and are protected under Intellectual Property laws of India with Saral Design Solutions Private Limited as the rightful owner of the information, patents on the sanitary napkin machine and trademark for Active Ultra Healthy Hamesha.