

# Fully Automatic Organic Sanitary Pad Manufacturing Machine

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**Abstract:** *The problem of improper disposal of menstrual secretions is an obstacle in achieving the goal of our 'Swacha Bharat' mission to make India clean. This waste is problematic for many reasons. A pile of napkins laden with disease-causing bacteria poses a danger.*

*Women are safe, but they are unaware. It's one of the best ways to work without creating one. This action must be taken to address the problems that napkin use creates for health and the environment. It is an industrial textile used. Sanitary napkins are layered because they have to meet different end-use properties simultaneously. For this study, her 500 women from different parts of Turkey were examined in detail.*

*The first part of the survey asked respondents about their expectations for sanitary napkins, their perceptions of sanitary napkin performance characteristics, and problems with current sanitary napkins.*

*We also collected information to design innovative and functional sanitary napkins.*

*Current sanitary napkin preferences, usage habits and the effectiveness of product promotions were also analysed to inform companies in this sector.*

*As a result, we found that women pay attention to order less sanitary napkins that are pleasant to the touch, in addition to being dry and absorbent.*

*The most common problems with pads today have been leaks, orders, and the need for frequent replacement. In parallel, the most desired functional property of new sanitary napkins was antibacterial activity. There were some statistically significant differences in women's expectations, sanitary napkin selection factors, and problems across age groups.*

*Sanitary napkins are technical textile products used by women to hygienically collect menstrual fluid during menstruation. Sanitary napkins are layered because they have to meet different end-use properties simultaneously. For this study, her 500 women from different parts of Turkey were examined in detail.*

*The first part of the survey asked respondents about their expectations for sanitary napkins, their perceptions of sanitary napkin performance characteristics, and problems with current sanitary napkins.*

*We also collected information to design innovative and functional sanitary napkins. Current sanitary napkin preferences, usage habits and the effectiveness of product promotions were also analyzed to inform industry players.*

*As a result, we found that women are paying attention to sanitary napkins that are odorless and soft to the touch, in addition to being dry and absorbent. The most common problems with pads today have been leaks, odors, and the need for frequent replacement. In parallel, the most desirable functional property of new sanitary napkins is antimicrobial activity. There were some statistically significant differences between women's expectations, sanitary napkin selection factors, and problems across age groups.*

**Keywords:** Sanitary Pad

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