

**Features :**

- ❖ Use of VFD for infinitely variable & step less speed control
- ❖ No product-no wrapper
- ❖ Automatic 2-way print registration
- ❖ Totally solid state electrical controls using PLC system, proximity sensors & SSR etc.
- ❖ Regulated, short circuit & over load protected 24 V DC

**TECHNICAL SPECIFICATIONS**

<b>Product ranges</b>	:	Length	Width	Height	
		Minimum	60 mm	40 mm	16 mm
		Maximum	100 mm	65 mm	30 mm
<b>Output</b>	:	Up to 150 pkts/min depending upon weight			
<b>Wrapping material</b>	:	Paper/Polly/Hot melt laminated			
<b>Lamination</b>	:	Inner side/Outer side			
<b>Sealing</b>	:	Heat seal/Glue			
<b>Product shape</b>	:	Rectangular/ Parabolic( excluding round shape)			
<b>Electrical supply</b>	:	415 V, 3Phase-4 wire, 50 Hz.			
<b>Installed power</b>	:	3 kW			
<b>Machine dimensions</b>	:	Length-2900 mm, Width-975 mm, Height -1760 mm			
<b>Weight</b>	:	800 kg			



The information contained herein is intended to convey a fair and reasonable idea of equipment. The specifications are subject to change as a result of research and development and/or specific customer requirement without, however, detracting from performance in anyway.

**MOI Engineering Limited**

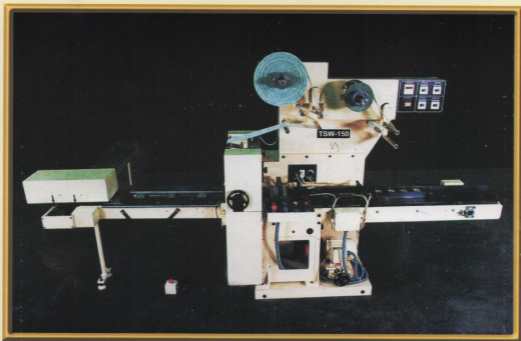
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## TSW-150

## TOILET SOAP WRAPPING MACHINE



TSW-150 is designed to wrap various sizes of toilet soaps with single and double wrappers. It is designed to handle both heat sealable film/laminates poly coated wrapping material and glue sealable outer-coated wrapping material.

The machine is built from high precision components having the desired metallurgical and heat treatment characteristics, resulting in lower wear and tear, high life and less maintenance.

The final result is a design of a robust, highly reliable, low maintenance, operator friendly machine having a high productivity and efficiency with negligible rejections.

### WORKING PRINCIPLE

The soap cakes are fed onto a continuous motion infeed conveyor. The infeed pusher pushes the cake to the inner and outer wrapping feed station. Inner and outer wrapper is drawn from a reel by a pulling roller. The main rotary and stationary knives cut the wrapper as per required length. Soap cakes along with the cut length of inner and outer wrapper are pushed into the indexing pocket. The folding of the wrapper takes place before insertions into the turret and during indexing of the turret. The long seam and side seal glue applicators applies glue at different stages. Side heaters perform heat seal. After the wrapping is complete, the wrapped cakes are pushed into the delivery conveyor.

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