



# Wraptech

# THUNDER

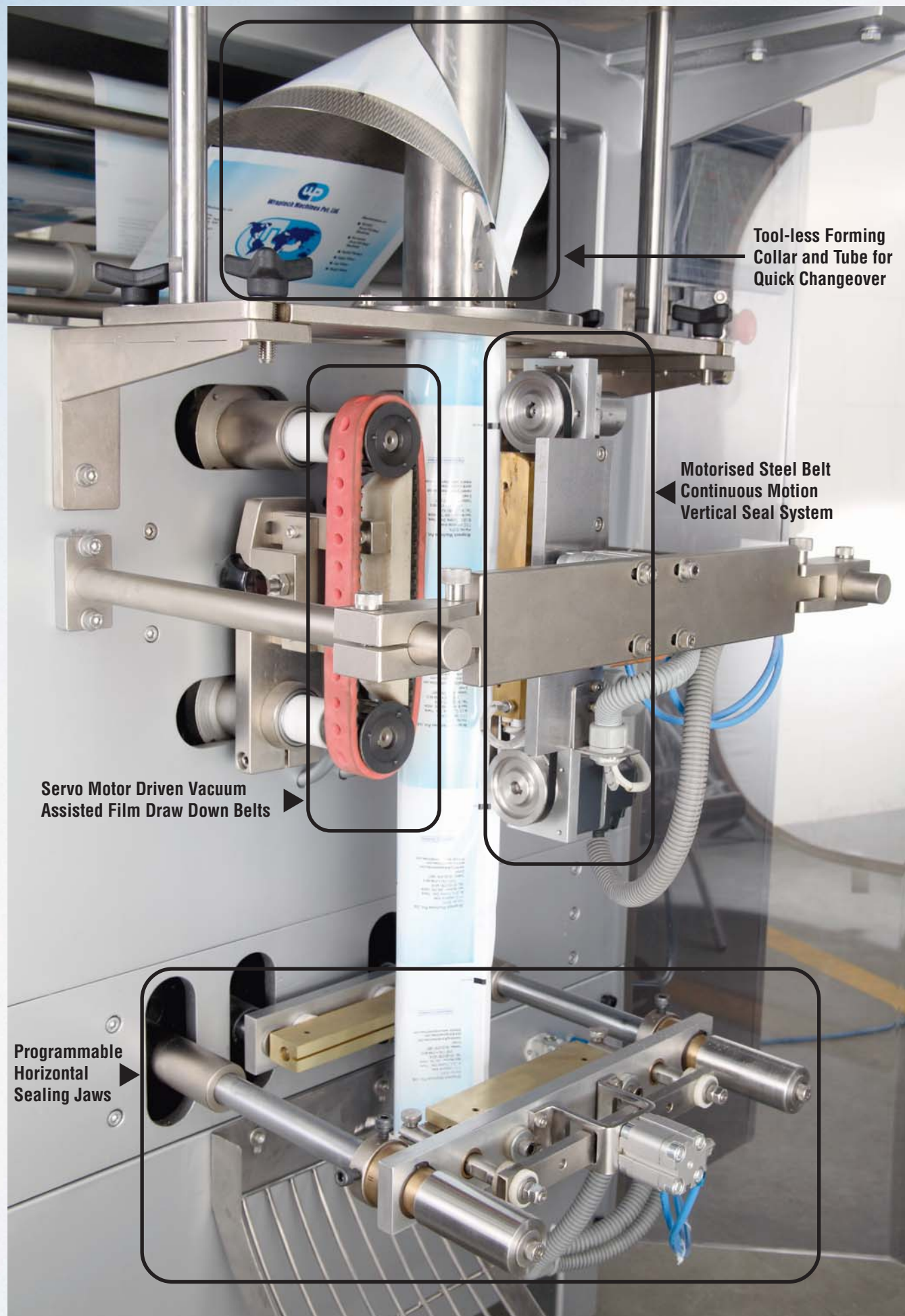
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SPECIALISTS

**High Speed Continuous  
Motion Bagging Machine**



# PACKAGING MACHINES

Engineered to Excellence



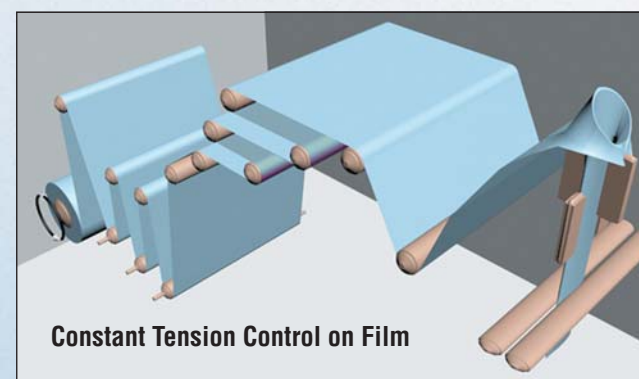
With Multihead Weigher



With Auger Filler



Power Reel Unwind with Tool-less Changeover



Constant Tension Control on Film

### SPECIAL FEATURES

- PLC Controlled with Touch Screen
- Servo Motor Driven Vacuum Assisted Film Draw Down Belts
- Power Reel Unwind
- Constant Tension Control on Film
- Tool-less Reel Changeover
- Programmable Horizontal Sealing Jaws
- Motorized Steel Belt Continuous Motion Vertical Seal System
- PC Uplink Facility with Ethernet
- Protected Production Data
- Tool-less Forming Collar and Tube Changeover





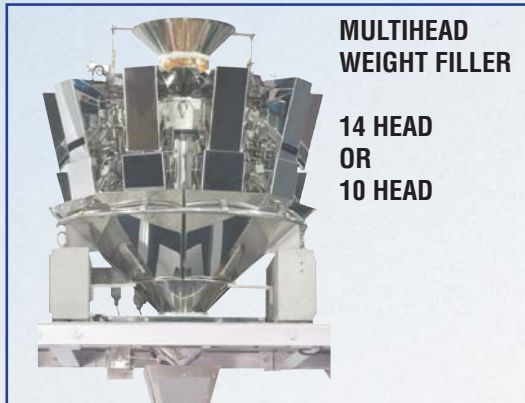
# Wraptech

# THUNDER

A high speed vertical form, fill and seal machine for producing centre sealed pouches handling all types of free flowing / non-free flowing powders / granules / solids.

The **Wraptech Thunder** handles a single reel film stock. Max. reel dia. is 530 mm on 76 mm core. The machine has the facility to be provided with a variety of filling heads. Draw down of the film is through vacuum pressed draw down belts controlled through an Servo motor drive. The length of the bag is controlled by print registration system which is PLC based. For unprinted film, the bag length can be adjusted from the single touch key pad provided on the front panel.

## ALTERNATE FILLING SYSTEMS

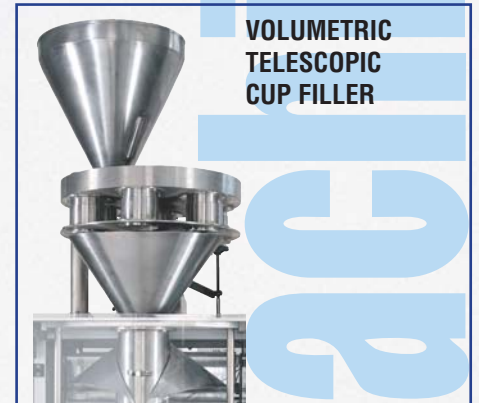


**MULTIHEAD  
WEIGHT FILLER**

**14 HEAD  
OR  
10 HEAD**



**SERVO DRIVEN  
AUGER FILLER**



**VOLUMETRIC  
TELESCOPIC  
CUP FILLER**

## TECHNICAL SPECIFICATIONS

FILLING SYSTEM	MULTIHEAD	AUGER	CUP			
<b>Product Range</b>	Rice, Pulses, Tea, Coffee beans, Candies / Toffees, Tablets, Cashews, Potato / Banana wafers, Snack foods, Fresh & frozen foods, Dried fruits, Pasta pieces, Detergents, Hardware items, Spices, Soup mixes, Sugar, etc.	Ground Spices, Milk / Chocolate powders, Ground Coffee powders, Soup mixes, Non-free flowing Pharmaceutical and Agricultural powders, Pesticide powders, etc.	Powders (Free flowing), Granules, Pulses, Beans, Detergents, Tea, Coffee Seeds, Sugar, Rice, etc.			
<b>Filling Range</b>	<b>25 gms to 2000 gms</b> depending upon bulk density of the product & fill weight, the maximum pouch size can take.					
<b>Output</b>	<b>Up to 120-140 packs per minute</b> depending on product flow properties, pack size, the kind, quality & thickness of laminate being used.					
<b>Pack Size</b> Extended size on request	Width: From 50 mm to 250 mm Length: From 70 mm to 350 mm					
<b>Packaging Materials</b>	The machine will accept most types of laminated films up to a maximum of 500 gauge. It is important that the sealing medium incorporates the best possible slip characteristics. Impulse sealing option for films like LLDPE, LDPE					
<b>Electricals*</b> Bagging Machine	<ul style="list-style-type: none"> <li>Power Input: 3 phase 415 V AC, 50 Hz • Motor: 0.5 kW, 3 phase 415 V AC Servo Motor, 1.5 kW Servo Drive for Sealing Jaws, 0.5 kW for Power Un-wind with Variable Speed Control • Heaters: 350 W x 3 pcs</li> <li>Temperature Controller: Digital Temperature Controller with FEK Thermocouple</li> <li>Fully Automatic Photo Cell Control System</li> </ul>					
<b>Electricals*</b> Filling System	220±5 V AC Single Phase 2 kW	415±5 V AC Three Phase 1.5 kW	415±5 V AC Three Phase 1.5 kW			
<b>Compressed Air</b>	6.0 kg/cm <sup>2</sup> g					
<b>Dimensions</b>	Without Infeed Conveyor 1950 x 1900 mm 3100 mm	With Infeed Conveyor 4500 x 1900 mm 3790 mm	Without Infeed Conveyor 1215 x 1780 mm 2810 mm	With Infeed Conveyor 2890 x 1780 mm 2810 mm	Without Infeed Conveyor 1215 x 1780 mm 2810 mm	With Infeed Conveyor 2890 x 1780 mm 2810 mm
<b>Optional Extras</b>	<ul style="list-style-type: none"> <li>Take off Conveyor • Batching Device • Tear-cut Device • Coding • Perforator between Sachets</li> <li>Over-printing Attachment • Gas Flushing • Infeed Product Elevator System</li> </ul>					



## Wraptech Machines Pvt. Ltd.

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An ISO 9001 : 2000 Company



\* Note: Wherever Voltage variation is above ±5% and frequency variation is above ±3% it is necessary to provide a AC Servo Voltage Stabilizer.

Due to continuous improvement, specifications are subject to change without prior notice.