

## NICHROME FLEXIBALE 450

Secondary Packaging solution  
from automatic primary  
packaging to finished balers

➤ Efficient and error-free

➤ Reduces manual labour

➤ Improves productivity



**NICHROME**  
Packaging Solutions

An ISO 9001:2008 and ISO 22000:2005 Certified Company

[www.nichrome.com](http://www.nichrome.com)

Nichrome Flexibale 450 is an innovative secondary packaging system to pack pre-counted numbers of primary pouches in economical bulk secondary pouch aiming to replace existing packing methods which are labor intensive and less efficient.

The Flexibale 450 is designed to be directly coupled with primary vertical form fill and seal machine enabling a single operator to manage a complete packaging station from automatic primary packaging to finished balers.

The NICHROME range of automatic balers receive the pillow bags via a transfer section and inclined feed conveyor. The bags are collated or stacked as required and then packed automatically into a baler bag. The Flexibale pack which is in a center seal side gusset format is produced automatically from the flat reel on the machine. The forming size parts are used depending on the Primary pack configurations.

This new secondary packaging solution will offer distinct advantages compared to other conventional methods by using HDPE bags as mentioned above.

### Advantages

- Drastic reduction in manual labour due to automation in secondary packaging.
- Precision in number of packs produced through an automated counting mechanism avoiding any present errors of miscalculation/shortage of packs.
- Tamper evident packaging solution through the authentic secondary package of the Nichrome Flexi baler as compared to the conventional system of manual counting & filling of pouches in HDPE bags.

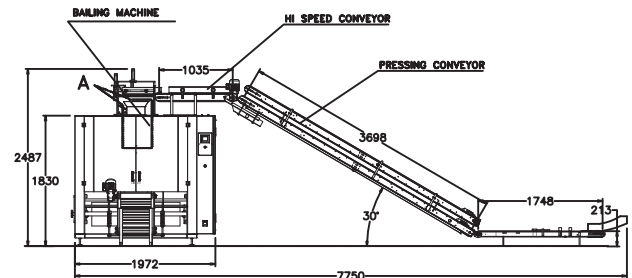
### Features

- Intermittent motion
- Construction of machine from powder coated carbon steel SAE 1020
- Material of construction for bale contact parts in SS 304
- Quick change-over friendly design for use of different forming size parts
- Facility to store different recipe for change overs thru PLC program
- Built in guarding & human safety features
- Horizontal jaw mechanism with lubrication free pads
- Fixed bearer for vertical seal driven by pneumatic central cylinder
- Variable frequency drive to control the velocity of the equipment
- One built in forming size part for Flexibale
- Motorized film reel unwinding system
- Belt conveyor for Primary Pouch transfer
- Belt conveyor for Primary Pouch flattening
- Fast moving belt conveyor for spacing of primary pouch

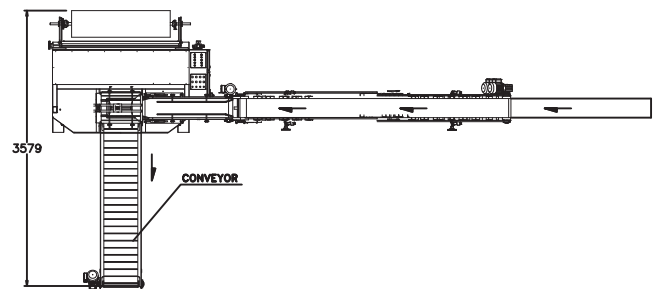
Baling Speed	Up to 120 primary pouches per minute
Quantity	100 gm to 2 kg
<b>Bale Size</b> Min Pack size (W x Gusset x L) mm Max Pack size (W x Gusset x L) mm	(240 mm X 100 mm X 430 mm) (450 mm X 280 mm X 680 mm )
Packaging Material	LDPE Film
Supply Voltage	Three-phase four wire 415 V. 50Hz
Connected Load	5 kW
Air Consumption	29 cfm or 48 m <sup>3</sup> /hrs. @ 6 Bar
Bale Format	CSPP with Gusset
Film Roll Roll Diameter Maximum Roll Width Core Diameter	450mm 1340mm 70-75mm
Bagger Dimensions (WxDxH)	2100 mm x 2000 mm x 1940 mm
Approximate Weight	1200 kg

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### Front View



### Top View



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