

HIGH SPEED LINKING AND HANGING SYSTEM FOR ARTIFICIAL CASING

HITEC

HITEC M-3

HITEC M-3L



The HITEC M-3 offers superior design focused on points compromised by other systems.

- **System Hygiene**
- **Linking technology optimized for real world conditions**
- **Easy to understand operator interface**
- **All aspects of the design improve performance and reliability**
- **Design to meet the needs of high speed, multi-shift operations**



A redesigned main body

Housed by a completely redesigned main body, all components are very easily accessible. The new "unibody" structure design of the main body offers exceptional strength but also insures no problems due to water invasion.

Even simpler electrical/mechanical drives

All three functions are controlled independently by separate inverter driven motors offering minimum wear parts as well as extremely high production rates. Full and easy access offers fast and easy trouble shooting.

Improved electrical design

All electrical components are housed separately in an exclusive stainless steel waterproof box. Due to a much wider door opening, operations such as parts exchanging can be performed very easily.

Conveyor Variation

HITEC's linker machines are combined with three kinds of HITEC conveyors, and we can provide a combination with the conveyor you desire.

COSMO CONVEYOR : is controlled by the air clutch. If you already have a cosmo conveyor, we recommend this type.
HORIZONTAL CONVEYOR : is driven by the servo motor. No more maintenance for the past clutch section is necessary.
SANITARY CONVEYOR : is driven by the servo conveyor and the structure of all the frames are round pipes. Parts that need to be cleaned can be easily removed, and can be easily cleaned.

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HITEC's electrical control choices

We give you the option!

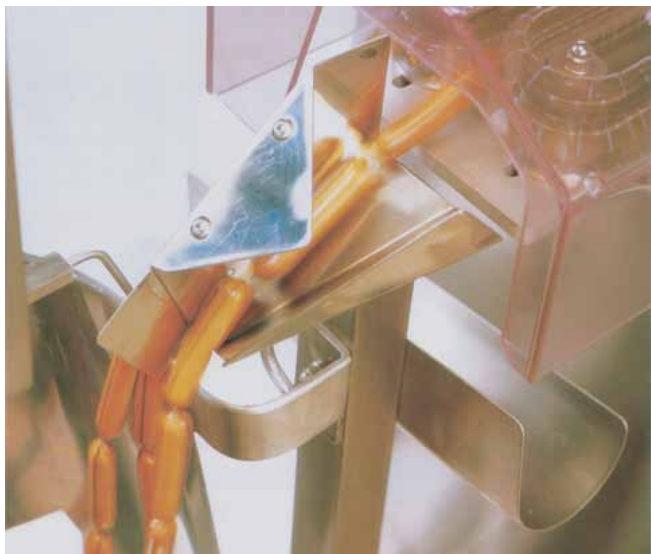
We do not utilize custom OEM computers and other components that drive up your costs! Select between Allen Bradley, Omron or Mitsubishi PLC's.

Fast and easy changeovers are routine.

You can switch from product to product in less than a minute.

All production information is stored in the operator-friendly processor. You merely call up a menu and choose the product you want to run. Set-ups are automatic. After installing the correct linking head and stuffing tube you immediately produce accurate sausages!

It is as simple as that!



Stationary chute (Patented in the U.S.A.)

By using the stationary chute, no more products will be jammed at the chute section.

Due to Hitec's innovation with electronic conveyors, a looping horn is not needed. Sausages are caught by the hooks.

Several other features enable us to maximize output and hanging ability.



More durable metering pump (Patented in the U.S.A.)

The metering pump offers increased durability compared to conventional designs. Our design offers excellent long term weight control with less necessary overhauls. A magnetic clutch starts and stops the pump precisely without slippage offering exact front ends and tails.



Maintenance-free no oil twisting system (Patented in the U.S.A.)

A simple motor with timing belt means fewer components and extended parts life. When necessary, replacing parts is done quickly and easily without the need to remove the entire twister assembly. No one can match the performance of this Hitec design.

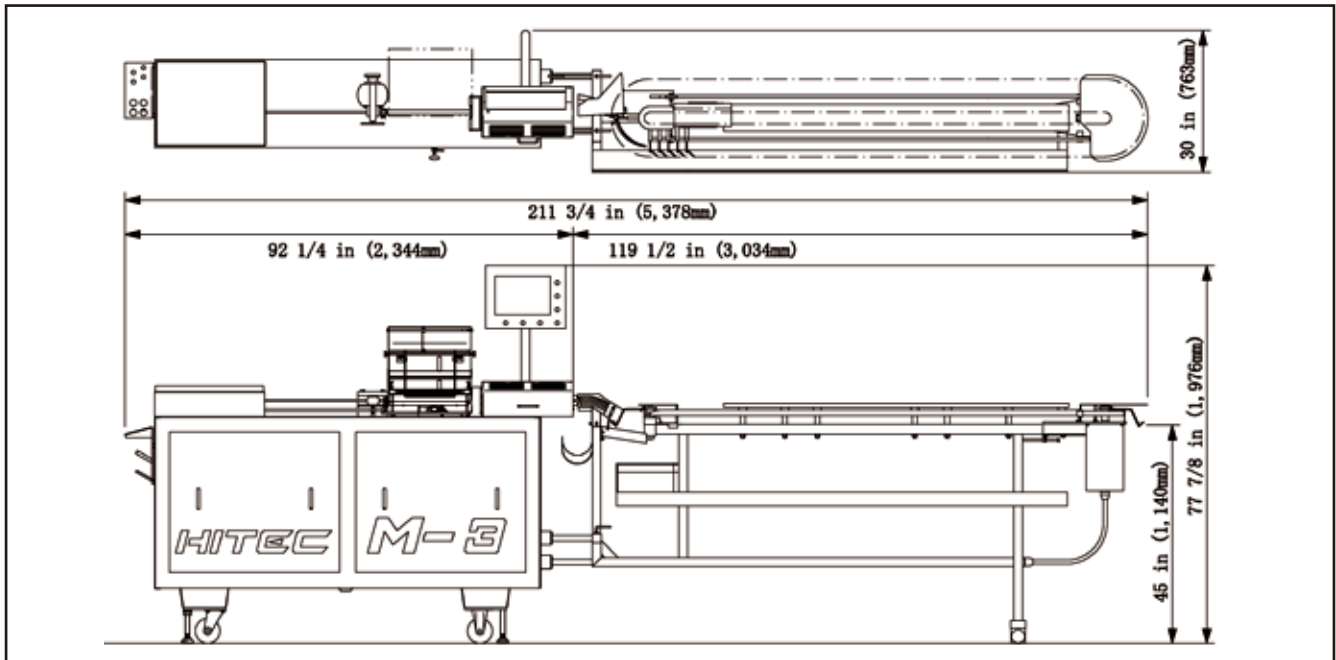


Flapper style casing feed mechanism (Patented in the U.S.A.)

The HITEC M-3 features Hitec's unparallel hopper design that eliminates the need for a casing clamp.

The design is quick and easy operating and reliable feeding of casings.

■ LAYOUT



These are measurements of HITEC M-3 8feet(2.4m) conveyor.

Please refer to the specifications below for the measurements of HITEC M-3L and 10feet(3m) conveyor.

■ SPECIFICATIONS

		HITEC M-3	HITEC M-3L
Production Rate		Max. 7,500 lbs./hr (3,400kg/hr) * The figures shown above may change depending on the product, plant condition, local requirements for power and/or other respective matters.	
Product Size		3 pitches (1 1/8 in, 28.4mm) through 32 pitches (12in, 305mm) or more	
Casing Size		Cellulose casing code 13 through 36. Larger size can be applied with HITEC's optional unit.	
Casing Stick Length		Max 16 1/2 in (419mm) cellulose casing	Max 21 1/2 in (546mm) cellulose casing
Height		77 7/8 in (1,976mm)	
Width		30 in (763mm)	
Length	LINKER	92 1/4 in (2,344mm)	107 3/8 in (2,726mm)
	CONVEYOR	8feet (2.4m)	119 1/2 in (3,034mm)
		10feet (3m)	143 7/8 in (3,654mm)
	TOTAL	8feet (2.4m)	211 3/4 in (5,378mm)
		10feet (3m)	236 1/8 in (5,988mm)
Weight		Approx. 1,430 lbs. (650 kg)	Approx. 1,450 lbs. (660 kg)
Stuffing Tube Height		50 in (1,270mm)	
Power Requirements		Three-phase 6.1kW	
Pneumatic Requirements		Pressure: 75 psi (520kPa) Consumption: 79in ³ (1,300cm ³) per cycle Consumption: 96in ³ (1,560cm ³) per cycle	

Specifications and equipment are subject to change without any obligation on the part of manufacturer.

HITEC CO.,LTD.

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