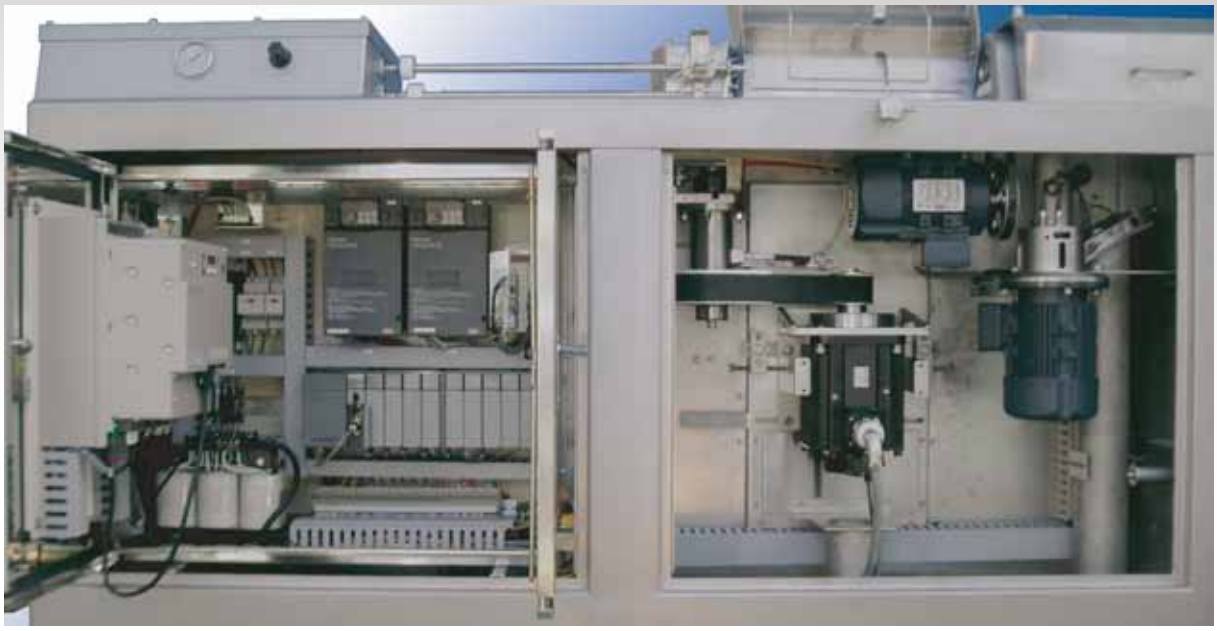
Solutions for today, Innovations for tomorrow.

HITEC

HIGH SPEED LINKING AND HANGING SYSTEM FOR ARTIFICIAL CASING

HITEC M-3X
HITEC M-3XL

The features of a required Sausage Linker is high speed production, accuracy of stuffing weight, reduction of problems during stuffing, easy product changeover, high durability, simple to repair when problems occur, are requirements of the sausage linker.
To upgrade these features, Hitec's next suggestion is to control the pump drive by the servo motor.



Servo Drive

Accuracy of the pump rotation has improved compared to the past pulley system and inverter, so the product weight has become more accurate and constant productivity is possible. Also we have eliminated the reducer and clutch which caused the problems, so it has become more durable too.

Conveyor Variation

The new conveyor that Hitec developed is the sanitary conveyor.
All the frames are round-pipes and the parts that need to be cleaned can be easily removed without using any tools and the time used for cleaning is shorter.
The horizontal conveyor and cosmo conveyor can be selected too.

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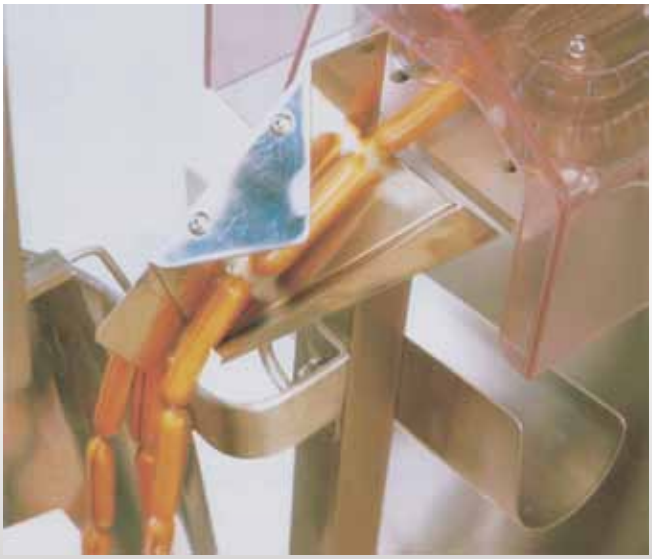
Hitec's electrical control choices

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.

Heavy Duty Metering Pump (Patented in the U.S.A.)

Hitec has achieved to make heavy duty metering pumps by stronger drive shaft, stronger idler shaft and more durable bearings.
Our design offers excellent long term weight control with less necessary overhauls.

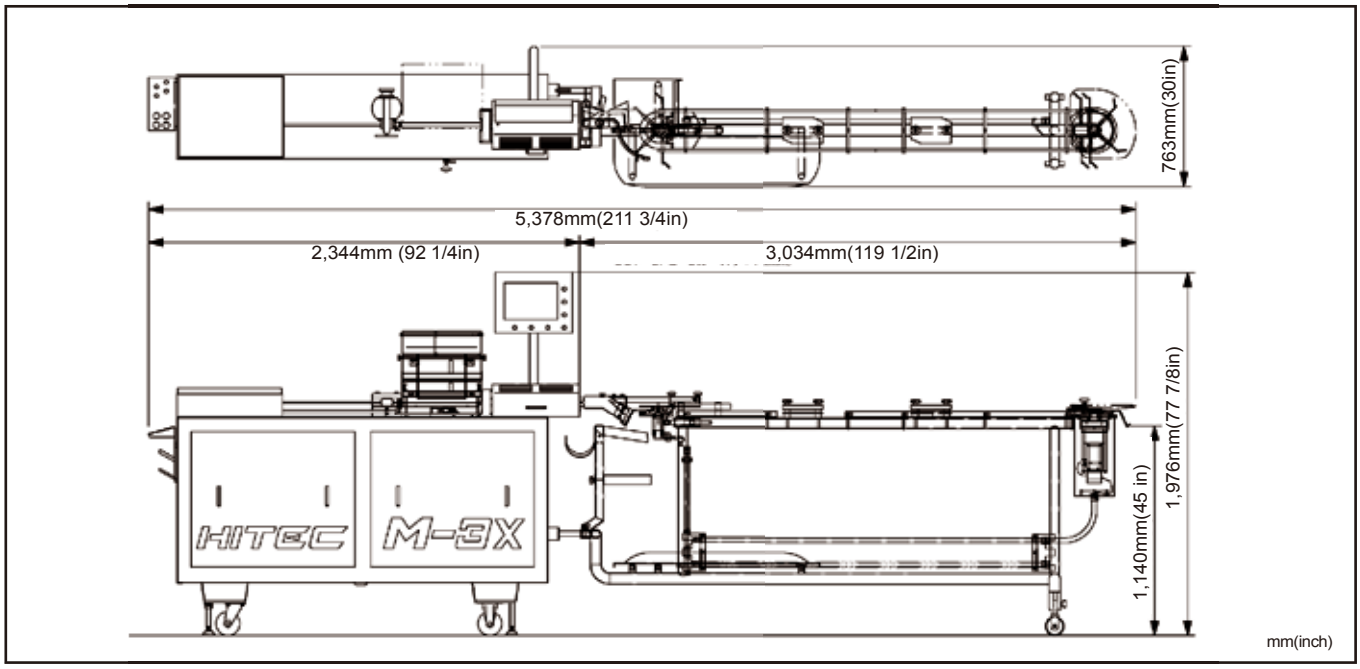
Maintenance-free no oil twisting system (Patented in the U.S.A.)

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 mechanizm (Patented in the U.S.A.)

The HITEC M-3X 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-3X 8feet(2.4m) conveyor.
Please refer to the specifications below for the measurements of HITEC M-3XL and 10feet(3m) conveyor.

■ SPECIFICATION

			HITEC M-3X	HITEC M-3XL
Production Rate			Max. 3,400kg/hr(7,500 lbs./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 (28.4mm,1 1/8 in)through 32 pitches (305mm,12in)or more	
Casing Size			Cellulose casing code 13 through 36. Larger size can be applied with HITEC's optional unit.	
Casing Shirred Length			Max419mm(16 1/2 in)cellulose casing	Max546mm(21 1/2 in)cellulose casing
Height			1,976mm(77 7/8 in)	
Width			763mm(30 in)	
Length	LINKER		2,344mm(92 1/4 in)	2,726mm(107 3/8 in)
	CONVEYOR	8feet (2.4m)	3,034mm(119 1/2 in)	3,034mm(119 1/2 in)
		10feet (3m)	3,654mm(143 7/8 in)	3,654mm(143 7/8 in)
	TOTAL	8feet (2.4m)	5,378mm(211 3/4 in)	5,760mm(226 7/8 in)
		10feet (3m)	5,988mm(236 1/8 in)	6,380mm(251 1/8 in)
Weight			Approx.650 kg(1,430 lbs.)	Approx.660 kg(1,450 lbs.)
Stuffing Tube Height			1,270mm(50 in)	
Power Requirements			Three-phase 8.85kW	
Pneumatic Requirements			Pressure: 75 psi(520kPA)	
			Consumption: 1,300cm^3(79in^3)per cycle	Consumption: 1,560cm^3(96in^3)per cycle

※ Specifications and equipment are subject change without any obligation on the part of manufacturer.
※ The above production rate is subject to change due to the conditions such as production item, factory and other conditions.

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