

▶ **HITEC M-10** ▶ **HITEC M-10X**
▶ **HITEC M-20** ▶ **HITEC M-20X**

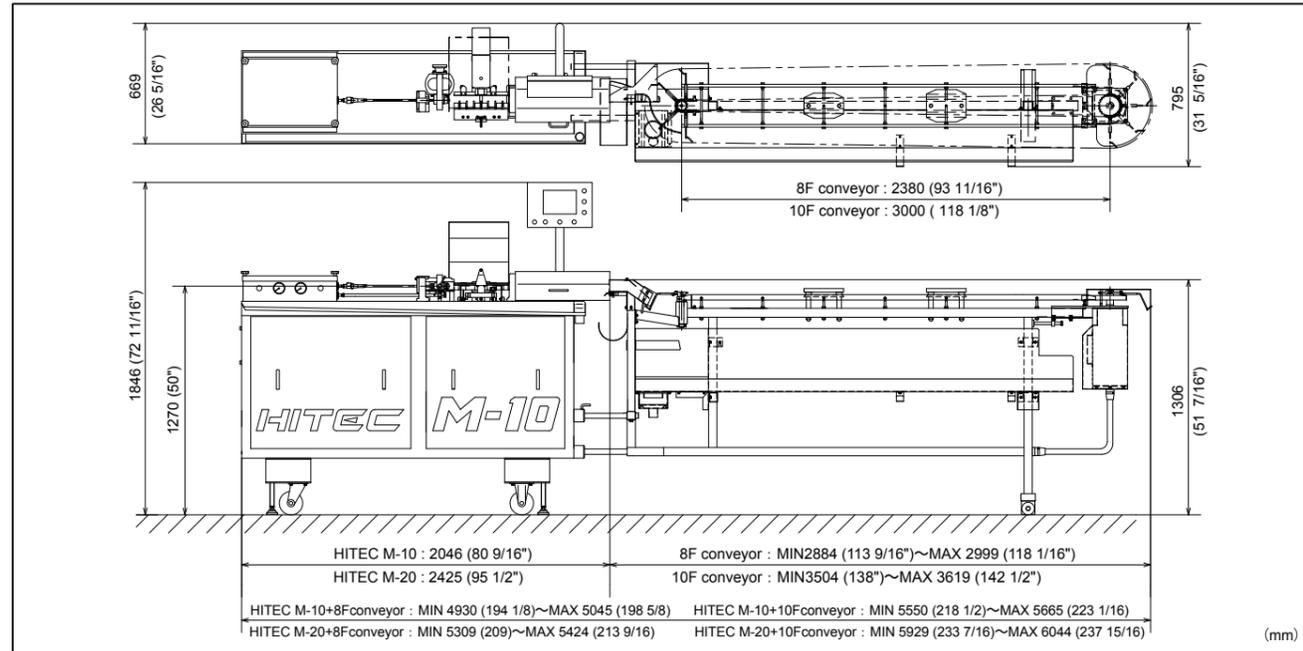
Solutions for today, Innovations for tomorrow.

SAUSAGE HIGH SPEED LINKING AND HANGING SYSTEM FOR ARTIFICIAL CASING

▶ **HITEC M-10**
▶ **HITEC M-20**

▶ **HITEC M-10X**
▶ **HITEC M-20X**

■ LAYOUT



■ SPECIFICATION

Product Rate	Artificial Casing	Max. 3,200 kg/hg (7,000 lb/hr)
---------------------	-------------------	----------------------------------

Dependent on casing quality, product size, weight and/or factory conditions.

Product Size	Artificial Casing	3 pitches (28.6 mm , 1 1/8 in) through 32 pitches (304.8 mm , 12 in) or more
---------------------	-------------------	--

Longer sizes can be applied with HITEC'S optional unit.

Casing Size		HITEC M-10 HITEC M-10X	HITEC M-20 HITEC M-20X
Diameter	Collagen	13 mm (33/64 in) ~	32 mm (1 17/64 in)
	Cellulose Casing	14.5 mm (37/64 in) ~	34 mm (1 11/32 in)
Shirred Length	Collagen	280 mm (11 1/32 in)	300 mm (11 13/16 in)
	Cellulose Casing	325 mm (12 25/32 in)	440 mm (17 5/16 in)

Machine Size				
Total Machine size	HITEC M-10 + 8F conveyor HITEC M-10X + 8F conveyor	HITEC M-20 + 8F conveyor HITEC M-20X + 8F conveyor	HITEC M-10 + 10F conveyor HITEC M-10X + 10F conveyor	HITEC M-20 + 10F conveyor HITEC M-20X + 10F conveyor
Height	1,846 mm (72 11/16 in)	1,846 mm (72 11/16 in)	1,846 mm (72 11/16 in)	1,846 mm (72 11/16 in)
Tube height	1,270 mm (50 in)	1,270 mm (50 in)	1,270 mm (50 in)	1,270 mm (50 in)
Length MAX	5,045 mm (198 5/8 in)	5,424 mm (233 7/16 in)	5,665 mm (223 1/16 in)	6,044 mm (237 15/16 in)
Width	795 mm (31 5/16 in)	795 mm (31 5/16 in)	735 mm (28 15/16 in)	735 mm (28 15/16 in)
Weight	690 kg (1,518 lb)	730 kg (1,610 lb)	710 kg (1,562 lb)	750 kg (1,650 lb)

Requirements				
Electrical Requirements	HITEC M-10/HITEC M-20	Three-Phase 6,775W	HITEC M-10X/HITEC M-20X	Three-Phase 8,200 W
Pneumatic Requirements	Quality	clean and dry		
	Pressure	520 kPa (5.2 bar) 75 psi		
	Consumption	1 L (1,000 cm3) per min 60 in3 per min		
Water Requirements	Quality	Clean and drinkable water		
	Pressure	280 - 410 kPa (2.8 - 4.1 bar) 40 - 60 psi		
	Consumption	1 L (1,000 cm3) per min 60 in3 per min		
Emulsion Requirements	Pressure	500 kPa (5 bar) 72 psi		
	Consumption	Max. 3,200 kg/hg Max. 7,000 lb/hr		

※ Specifications and equipment are subject to 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.



HITEC CO., LTD.
HEAD OFFICE & FACTORY
 2565-8, NAGATSUTA-CHO, MIDORI-KU, YOKOHAMA 226-0026, JAPAN
 PHONE +81-45-983-5000 FAX +81-45-983-0020
 E-mail : sales@hitec-jp.com URL : www.hitec-jp.com

HITEC CO., LTD.

20200213 Ver.6

www.hitec-jp.com

User friendly, Durable, High speed, Wide use and Maintenance free features.

HITEC M-10 and M-20 series are machines adopting further improved features of high speed, more durability, and easy operation.

A machine adopting the most advanced technology to help you completely control your process. All vital information can be stored electronically to provide you with a library of all your products. A hanging conveyor with digital control and a panel monitor stop operators from doing a lot of painstaking jobs for a changeover.

A redesigned main body

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

Even simpler electrical / mechanical drives

All three function are controlled independently by separate inverter / servo controller separately driven motors offer minimum wear parts yet 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. Thanks to a much wider door opening, operations such as parts exchanging can be performed very easily.

SAUSAGE HIGH SPEED LINKING AND
HANGING SYSTEM FOR ARTIFICIAL CASING

▶ **HITEC M-10**
▶ **HITEC M-20**



HITEC M-10



HITEC M-10X

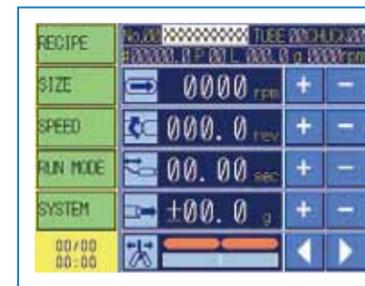
Drive of Metering pump with Servo motor.

In view of further improving the precise weight performance of the well established HITEC M-10, HITEC M-20 in producing exact weight sausages, the motor for metering pump is changed to the servo motor, which are "HITEC M-10X, HITEC M-20X" Series. Because ON/OFF change with electromagnetic clutch becomes unnecessary, the motor durability is increased and the maintenance becomes much easier.

SAUSAGE HIGH SPEED LINKING AND
HANGING SYSTEM FOR ARTIFICIAL CASING

▶ **HITEC M-10X**
▶ **HITEC M-20X**

Operator Friendly Monitor



Easy changing of products

All your necessary information displayed at a moment notice, quick and easy.

Easy as 1 . 2 . 3 .

1. Confirm you have the correct linking chain, tube size, chuck, and hopper adjustment.
2. Select the desired preprogrammed product code.
3. Push the start button.

Everything is stored and predetermined. Machine speed, pump speed, front and tail of casing, twist, etc, the same every time!!

Production control

All vital data including cycles run, set points, etc, can be checked at anytime.

Maintenance and troubleshooting

If any type of problems occur during operation, its location will be displayed immediately. Also, it can quickly be resolved with a flow chart for the machine.



Heavy Duty metering pump

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.



Separation of pneumatic parts and electrical parts

Complete separation of pneumatic parts and electrical parts allows easy and safe repair/adjustment.



Maintenance free no oil twisting system

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.



Stationary chute

A revolutionary breakthrough over the conventional looper horn which moves to hang product over J-hooks. Our system allows precise hanging by simply allowing the product to "slide" to the conveyor hooks without the need for more wear parts as on a looper system.

OPTION

Stuffing Tube Holder

Keeping accessories like stuffing tubes, chucks and linking chains with the equipment.

