

Standard Features

Sliding chute tube discharge assembly
Tube centering (advanced centering system)
Filling contact parts made of (SUS#316L) stainless steel, other contact parts made of SUS#304
Tube contact parts made of allow metal
50 liters stainless hopper
Filling nozzle: Either one of cut-off \ suck-back \ air-cutting type, back cut-off.
Progressive bottom-up filling
Cable remote control
Tube end directional oriented automatic ejection
Plain end trimming with discard box
Trimming patterns (plain, slant lines or diamond patterns)
Coding (single or double sided)
Frequency converter speed adjustment
Tube holders, Inner heating & Outer cooling molds at one set according to customer specifications
PLC(Programmable Logic Machine Controls): Emergency stop button, Automatic machine stoppage of opened protective panels (optional), No tube-no fill, Automatic machine stoppage from abnormalities, Tube directional centering, Optimum positioning .
Safety Device while the machine turn on, it has double protecting measure. (Press start button, Sound signal will ring 3 times for caution, press start button again, machine start to run.)
Safety Indicator Light & Sound Signal Red Light : Remote control display Green Light : Machine operating mode Orange Light : Abnormality mode Sound Signal : Machine operations commencement mode
Electrical requirements according to customer specifications
Tool box complete with emergency spare parts
Machince will provide full set of standard parts.

Remark : For tube diameters extending the normal 50mm until a maximum of 60mm and provided the filling volumes is at a maximum of 400ml, model TK860 is available to cater to production requirements.

Optional Features

Tube cassette in-feed and discharge system
Stainless steel machine exterior
Protective safety panels
Tube holders in varying tube dimensions, inner heating & outer cooling molds, discharge navigational system
Touch screen control panel
50 liters double jacketed hopper (inclusive hot water circulate pump)
Independent speed adjustable agitator (Speed : RPM 5 – 30 / min)
Hopper automatic filling level control (photoelectric reaction or ultrasonic system)
Varying filling systems (cut-off, air-cutting, back cut-off or suck-back)
Tube cleaning equipment
Special trimming styles (R-type, Oval, Hang hole, wave, artistic)
Fluid circulatory cooler
Coding digits
Certification documents IQ \ OQ \ PQ according to cGMP standards

Filling Pump Specifications Chart

PUMPØ	Volume (ml)	
	MIN.	MAX.
20	2	30
25	5	55
35	20	110
50	40	200
60	45	320
	TK850	
Production Speed	MAX. 60 tubes / minute (according to filling volume and mass specifications)	
Tube Range	Tube diameter Ø 10 ~ 50 mm Maximum tube length 280 mm	
Filling Volume	2 - 320 ml	
Filling Accuracy	± 0.5 % (Ext 100 ml)	
Operational System	Adjustable 20 - 60 cycles / minute	
Electrical Requirements	Depends on Customer Specification. Main Motor 2 HP (1.5KW)	
Machine Weight	Net. 850Kg / Gr.1100 Kg	
Crated Dimensions	2.0M(L) x 1.7M(W) x 1.9M(H)	
Air Pressure	6 bar	
Air Consumption	800 L / minute	
Operator	1 Person	