

MACHINE SPECIFICATION.

Pose pakke maskine PE-V-200.



- Fleksibel Pose pakke maskine for forskellige pose typer og størrelser.
- Fyldning af forskellige produkter via forskellige fødesystemer.
- Multijusterbart posemagasin, med automatisk pose fremføring.
- Fyldestation med mulighed for Nitrogen tilslutning.
- Pose fremføring system med pose bund "produkt" vibrator.
- Justerbar funktion "fingre" for korrekt foldning af top af pose. >---<
- Montage område for etiket dispenser. (Option)
- Justerbart poselukke system. (foldning og svejsning)
- Motorstyret højdejustering af poser.
- Udløbsbånd for færdige poser.
- Evt. multihead vejesystem. (Option)



Veje og fyldesystem vælges efter type af produkt.

Max Speed: **30 BPM with 1second Filling time;**

Power: 380V, 3phases; 50HZ; 6A;

Air: 6Kg/cm², 0.4CBM per min;

Electronic:

***Omron PLC/ Panel;**

***Omron Safety Relay;**

*** Schneider Breaker;**

*** Pneumatic component SMC;**

*** Schmalz Vacuum Generator from Germany;**

*** Total 4 sets Servo Motor control From Panasonic;**

Technical Feature:

***No bag No dump;**

***Easy Adjustable format changeover;**

***Low Operating & Maintenance cost;**

***Multi Bag Format;**

***InterLock, CE Certificate;**

V-Inbag Linepack 200

*** Side Gusset Bag with Block Bottom;**

*** Without/With Side Zip;**

BAG LOADING

The Pouch magazine is adjustable for different sized bag.

The Bags can be loaded while the machine is in operation

BAG DETECTION

Multiple bag detection switches are used at various points in the cycle to ensure correct bag placement and full bag opening. Should a reject bag be detected it is ejected from the machine and the process continues. Rejected bags can be inspected by the operator and re-used if good.

BAG OPENING

Pouches are individually removed from the cartridge with a unique combination of vacuum and pneumatic actuators. They are rotated/ transferred to the fill area and opened.

TRANSITION CHUTE

doubling as a timing bucket. product enters the transition chute while the bag is being opened below. Upon pouch detection the Chute/Funnel enters the bag and opens the gate. Product is dispensed immediately, without spillage and protecting the seal from contamination. Difficult product that easily bridges is dispensed into the pouch directly from the filler, through the "open-gate"

FILLING

During filling, pouches are held in place with "positive-hold" gripper system. This allows for heavy weights and shock loads without altering bag Position;

MACHINE CONTROLS

System controls are fully solid state. utilizing a commercial Programmable Logic Controller [PLC] and Pneumatic. Indicator lights signal all cycle processes for easy monitoring.

Fabrication Feature:

*** The machine runs straight flow design makes accessibility of parts.**

*** It allows the operator to see the entire filling process from the front of the machine during the running. Meantime, It is easy to clean and simply open the front clear transparent doors of the machine and access all bag filling areas.**

*** It takes a few minutes to do the Clean with only one person.**

*** Another feature is all the mechanics are located the back of the machine and the bag filling assembly is in the front. So Product will be never touched heavy duty, mechanics as they are separated. The most important is the safety protection for the operator.**

*** The machine are full protector which is kept the operator being out of the moving component during the machine running.**

Bag Requirement

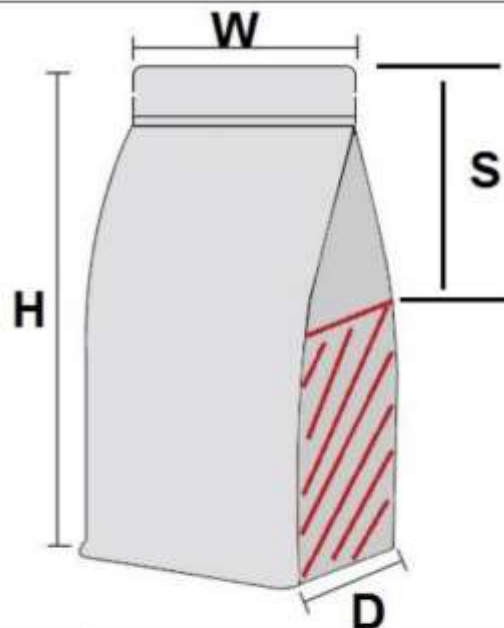
Side Gusset Bag with Block Bottom;



* With/without Pock Zipper



Filling Volume Requirement

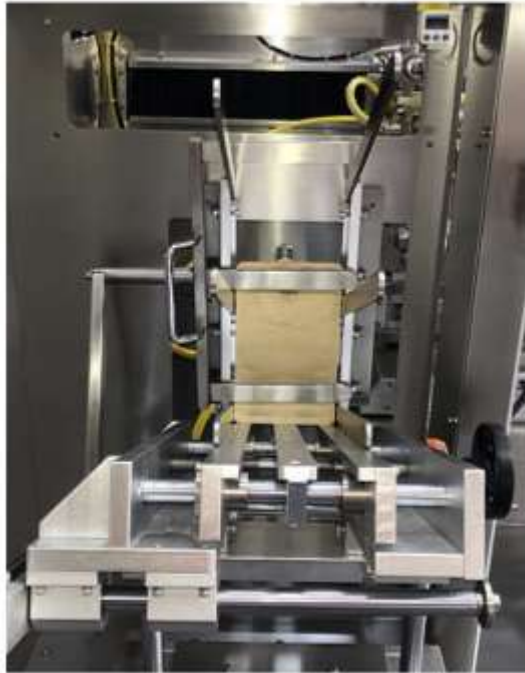


	Minimum (mm)	Maximum (mm)
Width(W) Front Width	100	200
Height (H)	220	400
Depth (D) Side Depth	50	100
Space(S) Free Space Above Product	$D/2+50\text{mm}$	$D/2+80$
For Example : If the Side Depth is 50mm, So the Minimum Space(S) is $50/2+50\text{mm}=75\text{mm}$.		

Machine Fabrication and Features;

1.Pouch Magazine

Front View



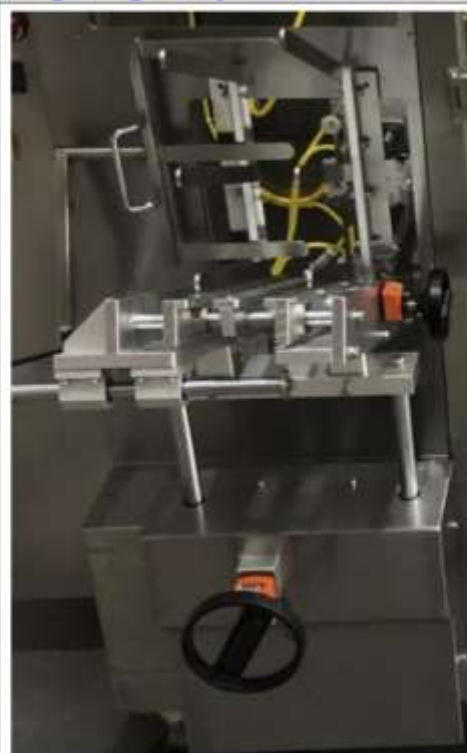
Side View



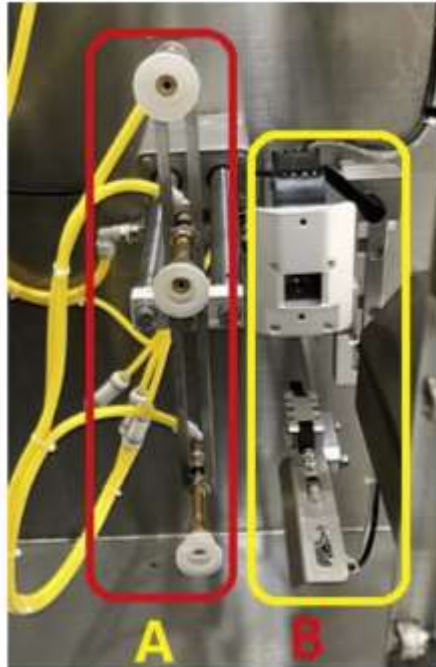
Bag Width Adjustable - Position Indicator;



Bag Length Adjustment - Position Indicator;



2, Part A: Pouch Pickup -Servo Motor Drive ;
Part B: Mini Inkjet Printer;



3, Bag top Holder and Air Blast;



4, Bag Holder to transverse move the bag- Transverse moving controlled by servo motor;



6, Bag top Holder;

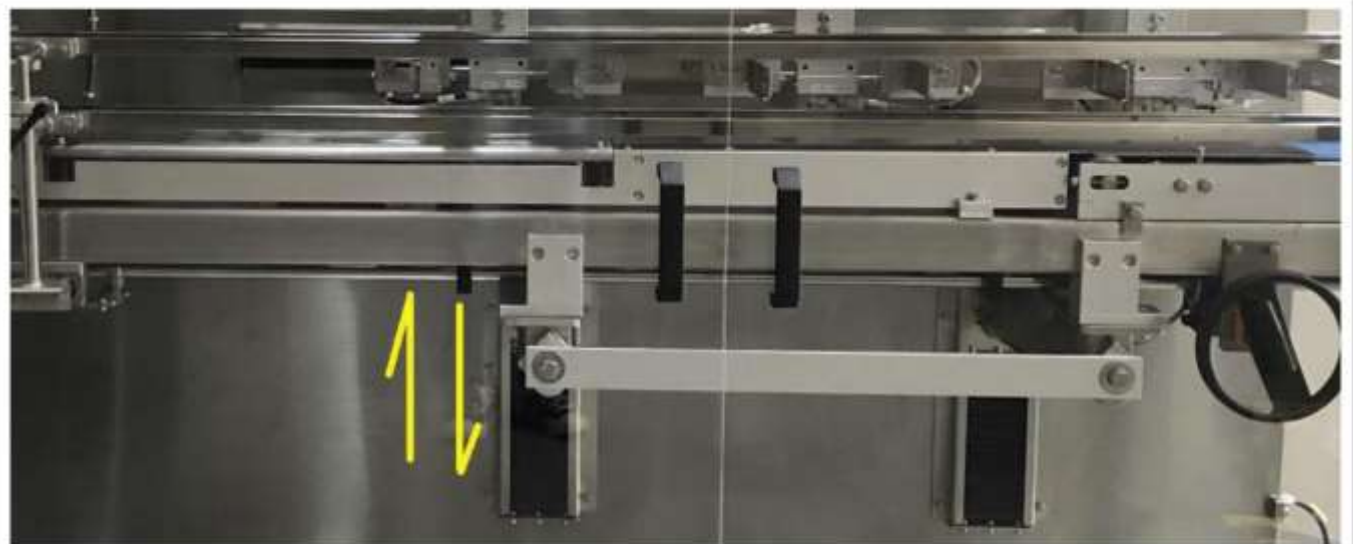
*** Push down the bag to Form the brick shape of the bag;**

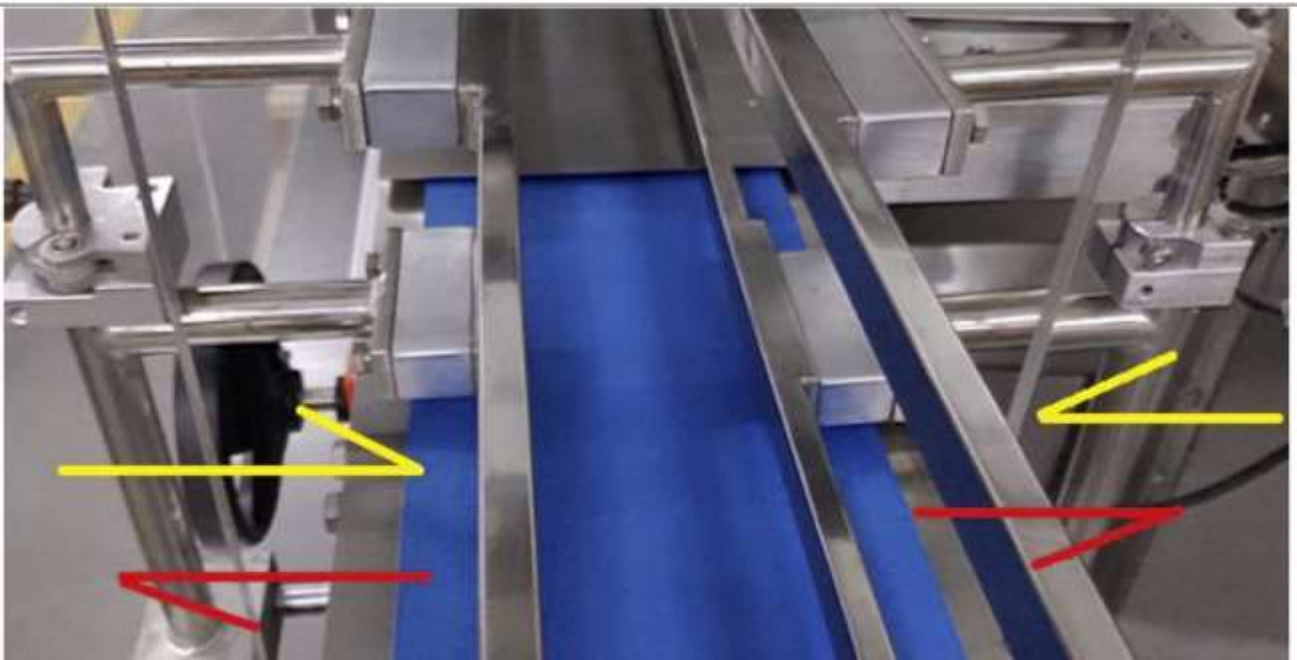


7, Vibration Plate to settle the product inbag;



8, Supporting Plate move up and down for Different Bag Length By motor Adjustment;





Electronic Cabinet

Omron PLC control - PNP Output



Schneider Breaker



* Interlock & Safety Relay;



Omron Relay



Germany Weidmueller Terminals



Schneider Button



Omron Temperature Controller



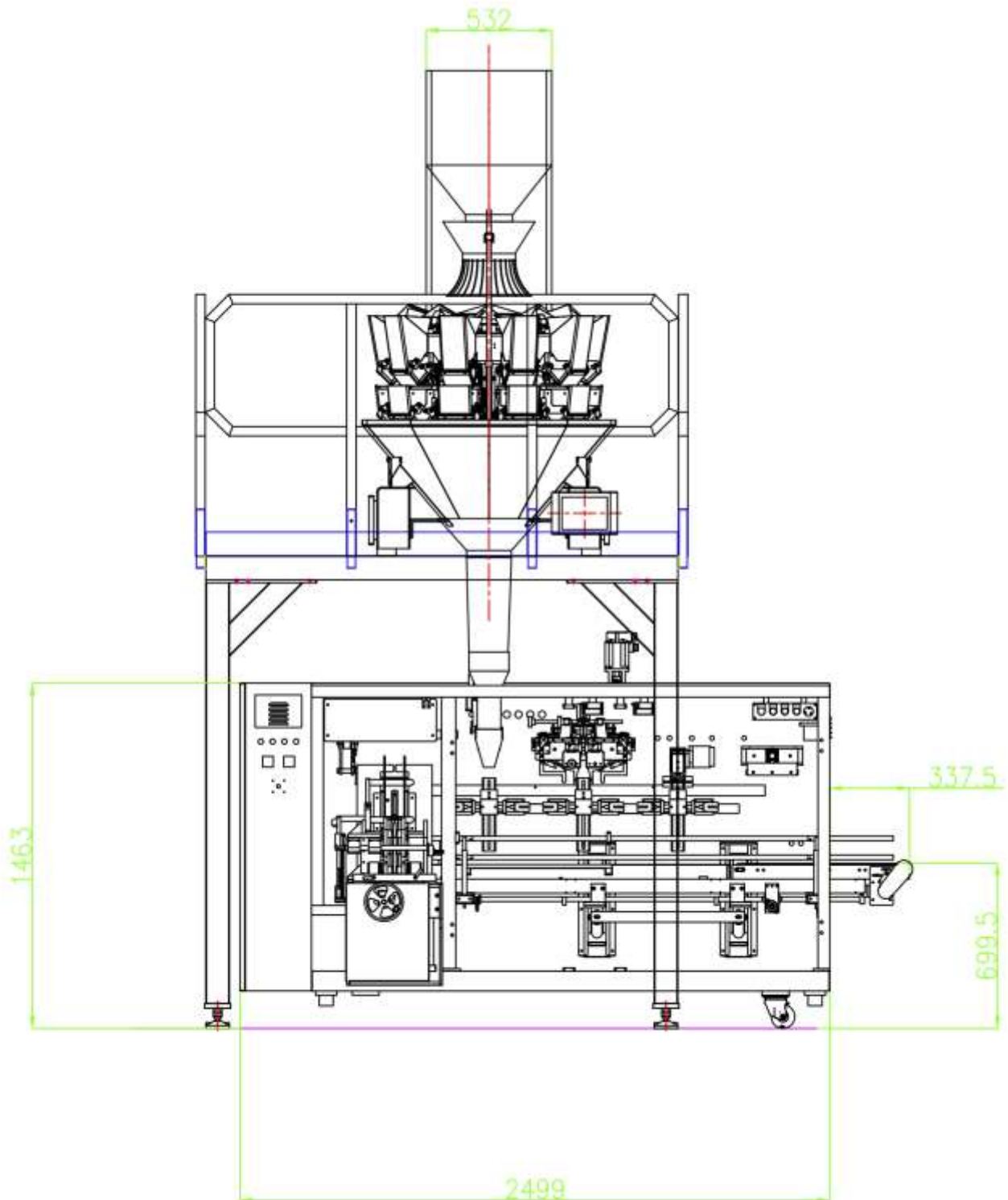
Schneider Powder Switch



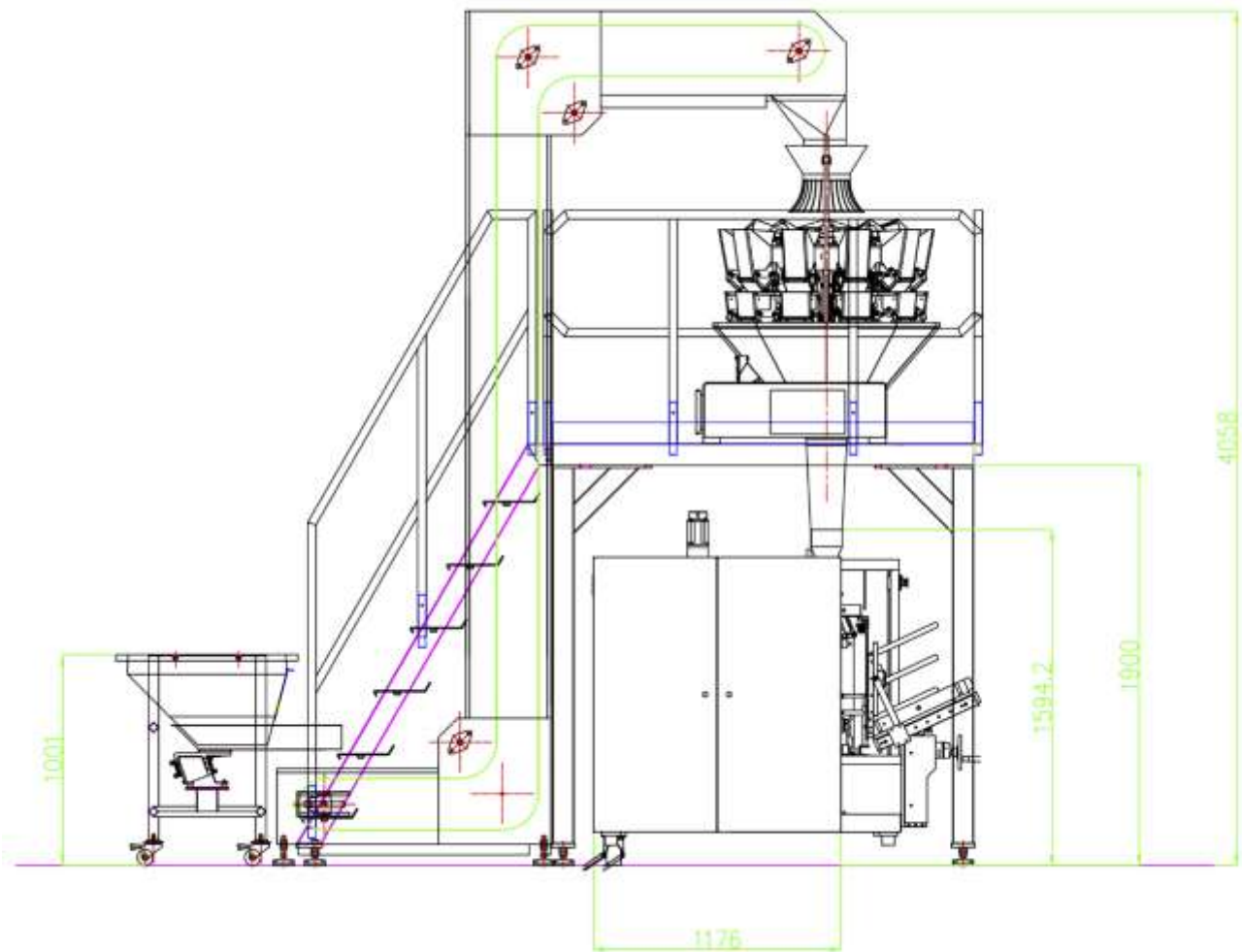
Additional Options;	
1.2	Mini Inkjet Printer
* High printing resolution 600 DPI printing; * Printing Max Height is 12.5mm, Max Width is 100mm It could be printed Height is 0.5inches=12mm Height. If the letter height is 3mm, It could be printed 4line. If the letter is 4mm height, it could be printer 3lines. * Ink Cartridge * Photo sensor to active the working; It is had its own photo sensor to active its working, no need to do any control; Run Itself; <u>* Bag Holder which would be kept the bag being right position for printing;</u>	
<u>Mini Inkjet Printer</u> *Panel is separated from the printing head; Quite helpful to do the Setting; <u>Bag Holder</u> * Keep the bag being closer to the Printing head	
 	
1.5	Nordson Glue Machine
 	

2	KCS 14Heads Combination Scale	
	Technical Data: Max.Cap.(g) 100-3000g Weighing Accuracy(g) 1-5g Max.Weighing Speed 100 BPM Hopper Volume: 2500ml; Plain Surface; Control Panel 7.4"LCD Touch Screen Driving System Step Motor Power Requirements: 220V/2000W /50HZ/12A Special Function: Stagger Dump: The Combined Bucket will be open one by one; It can avoid product being blocked at the collection chute;	
3	SS304 Platform with 3mm thickness square tube (Full Sealed, No Gaps)	
		Full welded Bottom of Platform  Full Welded Side of Platform 

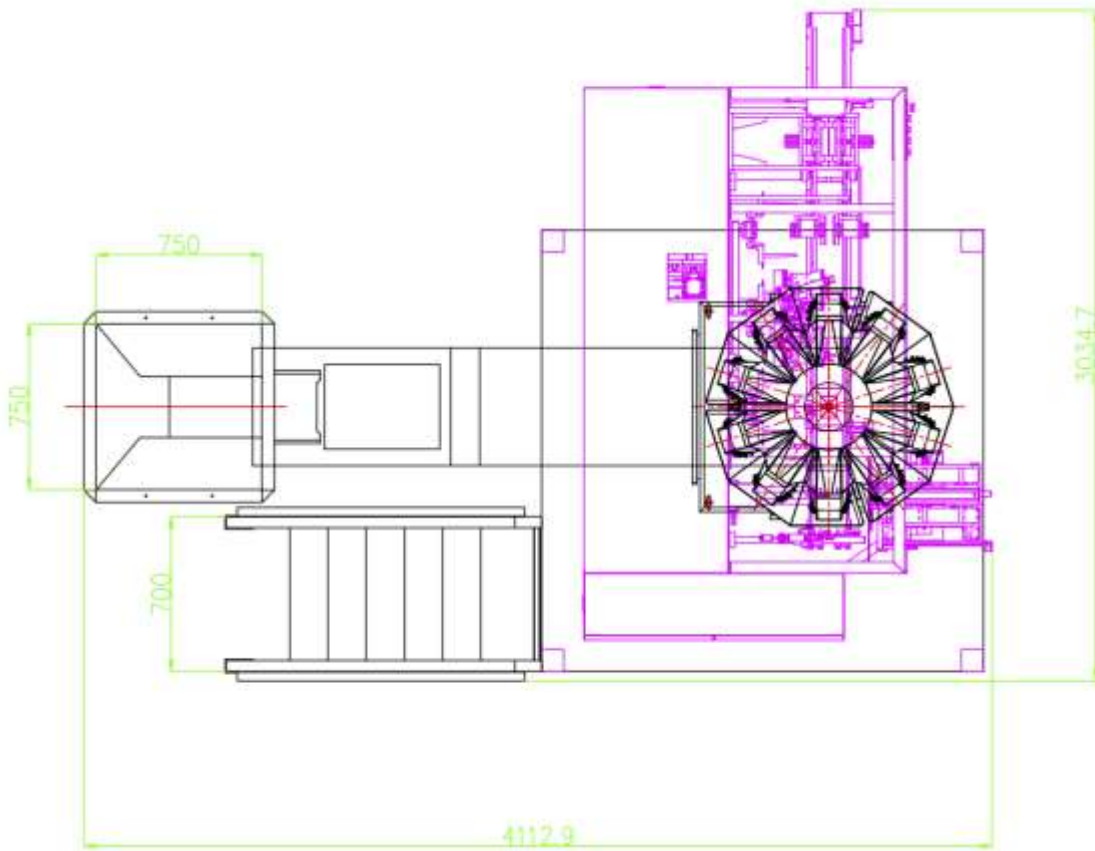
LAYOUT.



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