

ROTARY TABLET PRESS



It is for the purpose of making a tablet. It is equipped with filling and arranging powder to press and form powder. Progress is filling-arrange weight-press-discharge a tablet. It is using in the various industry like of chemical, feed grains, food industry, pharmacy and metal industry. It is easy control and operation by computer system. It has simple design and observes GMP regulations. You are satisfied with easily operation, maintenance, safety and friendly structure.

- All the controlling is able to be implemented on the touch screen by the operator.
- All the conditions as well as the corresponding value is being indicated on the touch screen as well.
- The same structure has been organized between pre-pressure & main pressure so that it make a tablet using tablet thickness and filling depth which is controlled by motor in touch screen. The figure are displayed in touch screen.
- The absorber with air booster that it changes hydraulic pressure to the air pressure. It protects punch and other parts of machine.
- The unique of the auto lubricating system has protecting upper & lower punches, rails and pressure rolls.
- It makes a simple the electric wiring using PLC (programmable logic controller).
- There are safety sensors for the protection of operator and logic controller machine. If there are problem it makes an alarm, and stops a machine.



AUTOMATIC COATING MACHINE

By means of spraying the liquid additive, the tablet type state which has been manufactured as with the high drying efficiency as well as the automatic system are being coated constantly. (Aqua / Sugar / Film Coating).

SPRAY GUN

By means of the Spray Gun by the HVLP type, the efficiency of the coating is able to be Increased and feasible to implement the coating of the film/sugar, exchanging the nozzle only quite easily as well.

DISCHARGE CHUTE

These improved methods are enabling to be collected directly inside the currently utilized Basket in the plant by means of attachable and simultaneously detachable chute.

ELECTRICAL/PNEUMATIC COMPONENTS

Electrical and pneumatic components is aligned effectively, therefore the maintenance can be performed convenient and promptly.

BUZZER

Whenever the alarm situation is happened, the buzzer will be sounded. Depending on the importance of alarm situations the buzzer will work with the different sound and light.

EMERGENCY SWITCH

Emergency switches are located in two parts (Operation box and Control box). When emergency switches are pushed, the alarm is working with constantly buzzing.

DOOR CHECK SENSOR

When the door is open, the machine should not be running for the safety. Therefore, door check sensors are installed in four doors. If the door is open, the machine will stop with alarm constantly buzzing.

SPECIFICATION: GRC-S SERIES

Model name		GRC-15S	GRC-18S	GRC-22S
Number of stations		15	18	22
Pitch circle diameter			ø210	
Output/Hour		13,500-54,000	21,600-81,000	26,400-99,000
Revolution of disk(R.P.M)		20-60	20-75	20-75
Max tablet	Round	ø25	ø16	ø13
Diameter(mm)	Shape	25	19	14
Max tablet thickness(mm)			8.5 4.5-18	
Filling depth(mm)			4.5-10(AWC Option) 8.5-14(AWC Option) 12.5-18(AWC Option)	
Upper punch insert(mm)			1-6	
Max. pre pressure(ton)		2	2	2
Max. main pressure(ton)		7	6	6
Die size		BB	B	D
Punch size		EU-D, TSM-D	EU-B, TSM-B	EU-B, TSM-B
Machine	Excluding hopper	1,710		
Height(mm)	Including hopper	2,100		
Machine floor space(mm)			1,500	
Net weight of machine(kg)			Approx. 2,500	
Power of main motor			5Hp(3.7Kw)	

SPECIFICATION: MRC SERIES

Model name		MRC-30N	MRC-36N	MRC-45N
Number of stations		30	36	45
Pitch circle diameter		ø420		
Output/Hour		36,000-135,000	43,200-216,000	54,000-270,000
Revolution of disk(R.P.M)		20-75	20-100	20-100
Max tablet	Round	ø25	ø16	ø13
Diameter(mm)	Shape	25	19	14
Max tablet thickness(mm)		8.5		
Filing depth(mm)		4.5-10		
		8.5-14		
		12.5-18		
Upper punch insert(mm)		1-6		
Max pre pressure(ton)		10	8	8
Max main pressure(ton)		10	8	8
Die size		D	B	BB
Punch size		EU-D, TSM-D	EU-B, TSM-B	EU-B, TSM-B
Machine	Excluding hopper	1.882		
Height(mm)	Including hopper	2,031		
Machine floor space(mm)		1.050×1,320		
Net weight of machine(kg)		Approx 3,700		
Power of main motor		10Hp(7.5Kw)		