

REPORT FORMAT: CL-1 | Version: 1.0_2018

FILE No.: VIS (2022-23)-PL186-141-289

Date: 27/07/2022

- **CERTIFICATE NAME:** Capacity Assessment Certificate for Machineries situated at Property No. D-42, Industrial Estate, Selaqui, District Dehradun, Uttarakhand.
- **PREPARED FOR:** M/s. Theta Pharmaceuticals Limited
- **ASSET TYPE:** Pharmaceutical Industry related Machineries
- **LOCATION OF THE BUILDING:** Property No. D-42, Industrial Estate, Selaqui, District Dehradun, Uttarakhand.

TO WHOM IT MAY CONCERN

S. NO.	PARTICULARS	DESCRIPTION	
1.	Name of the Certificate	Capacity Assessment of the Plant	
2.	Purpose of the Certificate	To ascertain the rated/ installed capacity of the Plant	
3.	Date of Survey	19-07-2022	
4.	Date of Certificate	27-07-2022	
5.	Documents pursued	Requested	Provided
		List of Machines with make, model and specifications	List of Machines with make, model
		Batch Manufacturing Record	Batch Manufacturing Record of Cetfast, Paracetamol, Cetirizine, Virgo, Calpro Tablet, Spurna Hair Oil
		Invoices of Machines	None
6.	Location of the Building	Property No. D-42, Industrial Estate, Selaqui, District Dehradun, Uttarakhand	
7.	Client Name	M/s. Theta Pharmaceuticals Limited	
8.	Type of Asset	Pharmaceutical Industry related machineries	



REGISTERED OFFICE:

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9.	Nature of Assets	General machinery used in pharmaceutical industry for the manufacturing of Tablets, Capsules, Ointment, Eye Drops & Oral Liquid.
10.	Type of Assessment	Capacity Assessment
11.	Scope of Assessment	To independently verify the rated/ installed capacity of the subject machines & verify the same with the capacity claimed by the company.
12.	Out of Scope	<ul style="list-style-type: none"> a. To estimate the present operational efficiency/ capacity utilization of the Plant. b. Checking/ verifying any licences, approvals of the subject Industry.
13.	Methodology/ Approach adopted	<ul style="list-style-type: none"> a. Taking list of the machines to be verified with its specifications and capacity. b. Site inspection of the machines noting Plate information of the machine. c. Cross verifying the machine capacity of the same machine as available in the market.



1. LIST OF MACHINES VERIFIED AT SITE (SUBJECT MACHINES):

Sr. No.	Machine Name	Make	Model	Plant Section
1	Compression M/C 61 Stations	Falcon	GMP	Capsules & Tablets
2	Compression M/C 61 Stations	Accura Press	GMP	Capsules & Tablets
3	Compression M/C 61 Stations	Accura Press	GMP	Capsules & Tablets
4	Compression M/C 37 Stations	Accura Press	GMP	Capsules & Tablets
5	Compression M/C 37 Stations	Accura Press	GMP	Capsules & Tablets
6	Compression M/C 27 Stations	Fluid Pack	GMP	Capsules & Tablets
7	Capsule Filling Machine	Pharmafil	GMP	Capsules & Tablets
8	Capsule Filling Machine	Pharmafil	GMP	Capsules & Tablets
9	Capsule Filling Machine	Pharmafil	GMP	Capsules & Tablets
10	Blister Packing Machine	Accurate	240 Plus (PG)	Capsules & Tablets
11	Blister Packing Machine	Accurate	240 Plus	Capsules & Tablets
12	Blister Packing Machine	Accurate	240 Plus	Capsules & Tablets
13	Blister Packing Machine	Accurate	240 Plus	Capsules & Tablets
14	Blister Packing Machine	Accurate	240 Plus	Capsules & Tablets
15	Blister Packing Machine	Accurate	240 Plus	Capsules & Tablets
16	ALU-ALU Packing Machine	Accurate	PG	Capsules & Tablets
17	ALU-ALU Packing Machine	IMA (PG)	Excel	Capsules & Tablets
18	Strip Packing Machine	10TR-GMP	10TR-GMP	Capsules & Tablets
19	Filling Machine	Deshera Tech 120	Deshera Tech 120	Ophthalmic Section
20	Tube Filling Machine	Square Pharma Machineries	Square Pharma Machineries	Ointment Section
21	Bottle Filling Machine	Amba Sales	Amba Sales	Lotion Section
22	Filling & Sealing Machine	Amba Sales	Amba Sales	Dusting Powder Section
23	Bottle Filling Machine	Anchor Mark	Anchor Mark	Oral Liquid Section

2. CAPACITY ASSESSMENT OF SUBJECT MACHINES AS PER OUR MARKET RESEARCH V/S CAPACITY OF MACHINES CLAIMED BY COMPANY:

Sr. No.	Machine Name	Make	Model	Capacity Claimed by Company (for Shift Capacity of 9 hours)	Capacity Claimed by Company (Per Hour)	Capacity as per Market Reference (Per Hour)	Capacity as per Market Reference (Shift Capacity for 9 hours)
1	Compression M/C 61 Stations	Falcon	GMP	23,00,000	2,55,556	2,56,200	23,05,800
2	Compression M/C 61 Stations	Accura Press	GMP	23,00,000	2,55,556	2,56,200	23,05,800
3	Compression M/C 61 Stations	Accura Press	GMP	23,00,000	2,55,556	2,56,200	23,05,800
4	Compression M/C 37 Stations	Accura Press	GMP	12,00,000	1,33,333	2,22,200	19,99,800
5	Compression M/C 37 Stations	Accura Press	GMP	12,00,000	1,33,333	2,22,200	19,99,800
6	Compression M/C 27 Stations	Fluid Pack	GMP	10,40,000	1,15,556	1,29,000	11,61,000
7	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000
8	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000
9	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000
Total				1,14,90,000	12,76,667	14,47,000	1,43,40,600
10	Blister Packing Machine	Accurate	240 Plus (PG)	25,00,000	2,77,778	1,46,400	13,17,600
11	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600
12	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600
13	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600
14	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600
15	Blister Packing Machine	Accurate	240 Plus	7,50,000	83,333	1,46,400	13,17,600
16	ALU-ALU Packing Machine	Accurate	PG	4,50,000	50,000	50,000	4,50,000
17	ALU-ALU Packing Machine	IMA (PG)	Excel	2,40,000	26,667	26,667	2,40,000
18	Strip Packing Machine	10TR-GMP	10TR-GMP	8,00,000	88,889	1,20,000	10,80,000
Total				1,27,40,000	14,15,556	10,75,067	96,75,600
19	Filling Machine (Ophthalmic Section)	Deshera Tech 120	Deshera Tech 120	64,800	7,200	7,200	64,800
20	Tube Filling Machine (Ointment Section)	Square Pharma Machineries	Square Pharma Machineries	64,800	7,200	7,200	64,800
21	Filling Machine (Lotion Section)	Amba Sales	Amba Sales	10800	1200	1200	10800
22	Bottle Filling Machine	Anchor Mark	Anchor Mark	64800	7,200	7,200	64,800
23	Double Filling Head Machine (Dusting Powder Section)	Amba Sales	Amba Sales	10800	1200	1200	10800
Total				2,16,000	24,000	24,000	2,16,000

3. SITE OBSERVATION:

- a. The subject Plant is of manufacturing of different types of tablets & capsules.
- b. All the machines during the time of site survey were found operational.
- c. Most of the machine's plates were showing its manufacturing date of 2007 model.
- d. As per information given to us, M/s Theta Pharmaceuticals Limited has taken this manufacturing unit in IBC sale.
- e. Main machine in the process is *Compression Machine Station* for manufacturing of Tablets based on whose capacity, Plant capacity is determined.
- f. In Compression Machine Station granules are compressed to give a shape as per die with pressure to form the tablet.
- g. Capsule filling machine is used to fill the drug granules in capsule.

4. PROCEDURE ON CAPACITY ASSESSMENT:

- a. We have verified the subject machines as per the list provided to us by the company of which photographs are also attached.
- b. The company has provided us the capacity details of each machine and the same has been verified & compared with the similar machines available for sale on public domain.
- c. We have done the capacity assessment of the machines by comparing the capacity of machines claimed by the company from the capacity of similar machines available for sale on public domain.
- d. As per the information gathered on site & as per the discussion with the suppliers of such machines, we came to know that the actual production capacity of the machines depends upon various parameters like shape, size, weight of the product, flow of raw material etc.
- e. Fixed weight to capacity ratio or size to capacity ration is neither available from the supplier nor the company has any such detail.
- f. Rated Capacity claimed by the company / suppliers of the machines is the maximum capacity which a machine can attain under ideal condition. However, in practical and normal condition it may defer.
- g. We have also taken Batch Manufacturing Record of different products from the company on sample basis.
- h. On review of the records of Batch Manufacturing Record of some products on sample basis we found the following:

DETAILS OF COMPRESSION MACHINES AS PER BATCH MANUFACTURING RECORD									
Sr. No.	Machine Name	Batch Size (No. of Tablet Produced)	Running Time of Compression Machine (Hours)	Tablet Name	Tablet Size	No. of Tablet Produced / Hour	Installed Capacity (lesser of market & claimed by company)	Output Capacity	Deviation
1	Compression M/C 61 Stations	77,14,200	44	Cetirizine	Small	1,75,323	2,55,556	69%	-80,877
2	Compression M/C 61 Stations	70,00,000	21	Cetfast	Medium	3,33,333	2,55,556	130%	77,133
3	Compression M/C 37 Stations	6,00,000	13.5	Calpro	Large	44,444	1,33,333	33%	-1,77,756
4	Compression M/C 27 Stations	15,00,000	12.5	Paracetamol	Large	1,20,000	1,15,556	104%	-9,000
5	Compression M/C 37 Stations	8,00,000	7	Paracetamol	Large	1,14,286	1,33,333	86%	-1,07,914
6	Compression M/C 27 Stations	15,00,000	17	Vigromen 100	Medium	88,235	1,15,556	76%	-40,765

DETAILS OF PACKAGING MACHINE AS PER BATCH MANUFACTURING RECORD									
Sr. No.	Machine Name	Batch Size	Running Time of Packing Machine (Hours)	Tablet Name	Tablet Size	No. of Tablet Packed / Hour	Installed Capacity	Output Capacity	Deviation
1	Blister Machine	77,14,200	42	Cetirizine	Small	1,83,671	1,46,400	125%	37,271
2	Blister Machine	70,00,000	40.5	Cetfast	Medium	1,72,840	1,46,400	118%	26,440
3	Blister Machine	6,00,000	11.5	Calpro	Large	52,174	1,46,400	36%	-94,226
4	Blister Machine	15,00,000	12.5	Paracetamol	Large	1,20,000	1,46,400	82%	-26,400
5	Blister Machine	8,00,000	14	Paracetamol	Large	57,143	1,46,400	39%	-89,257
6	Blister Machine	15,00,000	27	Vigromen 100	Medium	55,556	1,46,400	38%	-90,844

DETAILS OF FILLING MACHINE AS PER BATCH MANUFACTURING RECORD								
Sr. No.	Machine Name	Batch Size	Running Time of Filling Machine (Hours)	Product Name	No. of Bottles/Vials /Tubes / Hour	Installed Capacity	Output Capacity	Deviation
1	Filling Machine (Ophthalmic Section)	20,000	4	Elder Eye Fresh	5,000	7,200	69%	-2,200
2	Tube Filling Machine (Ointment Section)	24,000	8	Edicare	3,000	7,200	42%	-4,200
3	Filling Machine (Lotion Section)	5,000	6.0	Spurna Hair Oil	833	1,200	69%	-367
4	Bottle Filling Machine (Oral liquid section)	1,27,500	17.5	Albenipro	7,286	7,200	101%	86
5	Double Filling Head Machine (Dusting Powder Section)	5,000	6.0	Katwalk	833	1,200	69%	-367

- i. As per our analysis, after studying the batch manufacturing record & discussion with the suppliers of similar machines we are of the view that actual production capacity



of subject machines is different (lower than the installed capacity / maximum capacity).

- j. Therefore, as per the records perused and the information gathered from public domain as per our analysis for this Plant, the actual operational capacity can be considered as 15-20% less than the rated capacity of machines for the smallest tablet. It may further vary based on the size & weight of the tablet.
- k. Since there is a capacity variation due to size and weight of the tablet, therefore for the capacity assessment we have considered medium Cetfast tablet weighing 0.17 Gram as the base for this assessment. Therefore, based on the above assessment and factors we are of the opinion that this Plant comprising of the above machines is having atleast capacity to manufacture and package 10,75,067 tab/ hr per hour of small size having weight 0.17 Gram. This capacity will reduce if the size and weight of the tablet increases.
- l. The manufacturing and packaging capacity is also evaluated separately to check whether packaging capacity is complimenting the manufacturing capacity or not to complete the overall batch process. During which it is found that total **rated manufacturing capacity of tablet + capsule is 12,76,667 tab/ hr (less of informed by the company vs claimed by supplier)**, whereas for packaging it is 10,75,067 tab/ hr (less of informed by the company vs claimed by supplier) which is approximately 2,01,600 less than the manufacturing capacity. **Therefore, rated manufacturing capacity of the Plant can be considered as 10,75,067 tab/ per shift per day based on output capacity approach.**
- M. Total actual assessed manufacturing capacity of tablet + capsule is 10,03,111 tab/ hr (considering batch production data) whereas for packaging it is 12,26,111 tab/ hr. In this case packaging capacity comes out to be more than the manufacturing capacity. **Therefore, based on the above analysis we are of the opinion that for medium tablet of thickness equal to 2.99 mm and weight equal to 0.17 Gram, the manufacturing capacity of the Plant can be considered as 10,03,111 tab/ per shift per day. For variation in size and weight, the capacity will change.**
- N. Other Section (Ophthalmic, Ointment, Dusting Powder) section machines are also evaluated as per the above procedure and accordingly after checking the machine capacity and the actual output capacity as per the batch record.



Disclaimer:

1. This Certificate is to be referred only for the purpose of the capacity assessment of the machineries situated at the aforesaid address.
2. This certificate doesn't include any work related to drawing, design, sketch plan, procurement of the machines.
3. Ownership and other legal point of view in respect of the asset is not considered in this report as same is out of scope of this certificate.
4. This certificate is made at the request of the Client.

**For R.K Associates Valuers & Techno
Engineering Consultants (P) Ltd.**

FOR INTERNAL USE

TYPED BY: SE Gaurav Sharma

**REVIEWED BY: HOD Engineering
(Project Team)**



ANNEXURE: I- CAPACITY ASSESMENT WORKING

Sr. No.	Machine Name	Make	Model	Capacity Claimed by Company (for Shift Capacity of 9 hours)	Capacity Claimed by Company (Per Hour)	Capacity as per Market Reference (Per Hour)	Capacity as per Market Reference (Shift Capacity for 9 hours)	Difference in Capacity as claimed by company Vs assessed by us	Capacity Assessment Assessed (per shift per day) (lessor of market & claimed by company)
COMPRESSION & FILLING SECTION									
1	Compression M/C 61 Stations	Falcon	GMP	23,00,000	2,55,556	2,56,200	23,05,800	644	2,04,444
2	Compression M/C 61 Stations	Accura Press	GMP	23,00,000	2,55,556	2,56,200	23,05,800	644	2,04,444
3	Compression M/C 61 Stations	Accura Press	GMP	23,00,000	2,55,556	2,56,200	23,05,800	644	2,04,444
4	Compression M/C 37 Stations	Accura Press	GMP	12,00,000	1,33,333	2,22,200	19,99,800	88,867	1,06,667
5	Compression M/C 37 Stations	Accura Press	GMP	12,00,000	1,33,333	2,22,200	19,99,800	88,867	1,06,667
6	Compression M/C 27 Stations	Fluid Pack	GMP	10,40,000	1,15,556	1,29,000	11,61,000	13,444	92,444
7	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000	-7,593	28,000
8	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000	-7,593	28,000
9	Capsule Filling Machine	Pharmafil	GMP	3,83,333	42,593	35,000	3,15,000	-7,593	28,000
Total				1,14,90,000	12,76,667	14,47,000	1,43,40,600	1,70,333	10,03,111
PACKING SECTION									
10	Blister Packing Machine	Accurate	240 Plus (PG)	25,00,000	2,77,778	1,46,400	13,17,600	-1,31,378	1,83,000
11	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600	-75,822	1,83,000
12	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600	-75,822	1,83,000
13	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600	-75,822	1,83,000
14	Blister Packing Machine	Accurate	240 Plus	20,00,000	2,22,222	1,46,400	13,17,600	-75,822	1,83,000
15	Blister Packing Machine	Accurate	240 Plus	7,50,000	83,333	1,46,400	13,17,600	63,067	1,04,167
16	ALU-ALU Packing Machine	Accurate	PG	4,50,000	50,000	50,000	4,50,000	-	62,500
17	ALU-ALU Packing Machine	IMA (PG)	Excel	2,40,000	26,667	26,667	2,40,000	-	33,333
18	Strip Packing Machine	10TR-GMP	10TR-GMP	8,00,000	88,889	1,20,000	10,80,000	31,111	1,11,111
Total				1,27,40,000	14,15,556	10,75,067	96,75,600	-3,40,488.89	12,26,111
OTHER SECTION (OPHTHALMIC, OINTMENT, DUSTING POWDER)									
19	Filling Machine (Ophthalmic Section)	Deshera Tech 120	Deshera Tech 120	64,800	7,200	7,200	64,800	-	5,760
20	Tube Filling Machine (Ointment Section)	Square Pharma Machineries	Square Pharma Machineries	64,800	7,200	7,200	64,800	-	5,760
21	Filling Machine (Lotion Section)	Amba Sales	Amba Sales	10800	1200	1200	10800	-	960
22	Bottle Filling Machine (Oral liquid section)	Anchor Mark	Anchor Mark	64800	7,200	7,200	64,800	-	5,760
23	Double Filling Head Machine (Dusting Powder Section)	Amba Sales	Amba Sales	10800	1200	1200	10800	-	960
Total				2,16,000	24,000	24,000	2,16,000	-	19,200



ANNEXURE: II- LIST OF MACHINES

Tablet And Capsule Equipments Details

Sr. No	Section	Equipment Name	Model	Make	Production Capacity Per shift
1	Tablet	Compression M/c-61Station	GMP	Falcon	23.0Lacs/Shift
2	Tablet	Compression M/c-61Station	GMP	Accura press	23.0Lacs/Shift
3	Tablet	Compression M/c-37Station	GMP	Accura press	18.0Lacs/Shift
4	Tablet	Compression M/c-37Station	GMP	Accura press	18.0Lacs/Shift
5	Tablet	Compression M/c-61Station	GMP	Accura press	23.0Lacs/Shift
6	Tablet	Compression M/c-27Station	GMP	Fluid Pack	10.40Lacs/Shift
7	Capsule	Capsule Filling Machine	GMP	Pharmafil	11.50Lacs/Shift
8	Tablet	Blister packing Machine-1(Accurate-240)	240 PLUS (PG)	Accurate Mach	25.0Lacs/Shift
9	Tablet	Blister packing Machine-2(Accurate-240)	240 PLUS	Accurate Mach	20.0Lacs/Shift
10	Tablet	Blister packing Machine-3(Accurate-240)	240 PLUS	Accurate Mach	20.0Lacs/Shift
11	Tablet	Blister packing Machine-4(Accurate-240)	240 PLUS	Accurate Mach	20.0Lacs/Shift
12	Tablet	Blister packing Machine-5(Accurate-240)	240 PLUS	Accurate Mach	20.0Lacs/Shift
13	Capsule	Blister packing Machine-6(Accurate-240)	240 PLUS	Accurate Mach	7.5Lacs/Shift
14	Capsule	Alu – Alu Packing Machine-1 (2 Track)	PG	Accurate Mach	4.50Lacs/Shift
15	Tablet	Alu – Alu Packing Machine-2 (2 Track)	EXCEL	IMA (PG)	2.40Lacs/Shift
16	Tablet	Strip Packing Machine (8 track)	10 TR- GMP	Sams machineries	8.0 lacs/Shift



ANNEXURE: III- BATCH MANUFACTURING RECORD



SYNCOM HEALTHCARE LIMITED
Dehra Dun

BATCH MANUFACTURING RECORD

PRODUCT NAME: <u>Codm 21ue</u> TABLETS	BATCH NO: <u>SH19124</u>	SHELF LIFE: <u>36</u> Months
ORDERED BATCH SIZE: <u>500</u> Lac	STD. BATCH SIZE: <u>1</u> Lac	MANUFACTURING FOR:
MFG. DATE: <u>11/11</u>	EXP. DATE: <u>12/12</u>	LOT SIZE: <u>1</u> Lac
PAGE 13 OF 31		

16.0 COMPRESSION MACHINE FITTING:

Check the upper punch, lower punch and dies for any physical deformity and discard the punches bearing signs of deformity. Die punch set with upper punches and lower punches having following specification.

Compression Machine: F. 5mm
Upper punch: 5.5mm
Lower punch: 5.5mm
Die: B. 700 1/2
Type of Tooling: B. 700 1/2

No. of punch & Dies: 61x2 Punch
61 Die

Set the compression machine with specified as above specification as per SOP for Change over of compression machine.

Machine fitted on: 17/01/19 By (Oper.): Prasad Checked By (Prod.): 12 Verify by QA: 4

Compression started on: 17/01/19 at 19:00 hours. Compression completed on: 19/01/19 at 12:00 hours.

Compression cubicle no: I NRH of the cubicle: 40 % (NMT 50%) Temperature of cubicle: 25 °C

17.0 CONTROL PARAMETERS:

Appearance					
Parameters	Unit	Standard	Limit		Frequency of checks
			Max.	Min.	
Average Wt. of tab	mg	<u>70</u>	—	—	—
Uniformity of tab (± 10 mg)	mg	—	(+)	(-)	—
Wt. Variation of tab	mg	(± 5%)	<u>73.5</u>	<u>66.5</u>	Every 2 hours
Wt. of 10 Tabs	gms	<u>1.400</u>	—	—	—
Limit of 10 Tabs	gms	(± 3%)	<u>1.442</u>	<u>1.358</u>	Every 30 minutes
Thickness	mm	<u>2.0</u>	<u>2.2</u>	<u>1.8</u>	Every 1 hours
Hardness	Kg/cm ²	NLT 5	—	—	Every 1 hours
Disintegration Time	minutes	NMT 15	—	—	Every 2 hours
Friability	%	NMT 1	—	—	Every 2 hours
(Formula for Friability = $\frac{\text{Initial Weight} - \text{Final Weight}}{\text{Initial Weight}} \times 100$)					
Temperature (± 2°C)	°C	25	27	23	Every 2 hours
Humidity (± 5 %)	%	50	55	45	Every 2 hours

Note: Check all parameters at regular interval during the compression and after any stoppage of the machine. Record the results in this in process record sheet.

Prepared by: O.A. Officer <u>[Signature]</u>	Approved by: Production Manager <u>[Signature]</u>	Authorized by: O.A. Manager <u>[Signature]</u>
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ENCLOSURE: I- REFERENCES ON TECHNICAL SPECIFICATION OF SIMILAR MACHINES AVAILABLE ON PUBLIC DOMAIN

High Speed Tablet Press – “ACCURA” MODEL ATX-I

37 Stn. "D", 45 Stn. "B", 55 Stn. & 61 Stn. "BB"

- Square cGMP Model, Single Sided High Speed Tablet Press
- Max. Output 2,56,200 Tablet / Hr., SEIKO Dials
- Pre-Compression, Force Feeding Facility & Hydraulic Pressure System
- A.C. Drive & Electro Electromagnetic Clutch

Tableting Machines >

Allied Equipments >

Punches & Dies >

Roll Compactor Machines >






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MODEL	ACRA-ATX-II-37	ACRA-ATX-II-45	ACRA-ATX-II-55	ACRA-ATX-II-61
No. of Station	37 Station	45 Station	55 Station	61 Station
Type of Tooling	D	B	BB	BB
Output-Tablet/Hr (Min./Max)*	26,640 to 1,55,400	32,400 to 1,89,000	39,600 to 2,31,000	43,920 to 2,56,200
Max. Operation Pressure (Main kn)	100	65		
Operating Pressure (Pre-Compression)	15			
Depth of Fill	20 mm	16 mm	11 mm	11 mm
Max. Tablet Dia.	25 mm	16 mm	11 mm	11 mm
Upper Punch Penetration	3 to 6 mm			
Upper Punch Penetration – Pre Comp (mm)	2 to 5 mm			
Total Power	7 kw / 9.5 hp			
RPM (MAX)	70 RPM			
Main Electric Motor	5.5 kw / 7.5. HP/ 415 V / 3Phase 50 Hz.			
Overall Dimension (mm)	1500 (L) x 1200 (W) x 2000 (H) (Guard Close)			
Overall Dimension (mm)	2220 (L) x 2350 (W) x 2100 (H) (Guard Open)			
Case Dimension (mm)	2100 (L) x 1700 (W) x 2150 H			
Net Weight (Approx.)	2200 kgs.			
Gross Weight (Approx.)	2500 kgs.			

Depending upon the characteristic of material and shape & size of tablets.

"ACCURA" MODEL High Speed Tablet Press II

37 Stn. "D", 45 Stn. "B", 55 Stn. "BB" & 61 Stn. "BB"

- Square cGMP Model, Double Sided High Speed Tablet Press
- Max. Output 3,66,000 Tablet / Hr.,
- A.C. Drive & Electro Electromagnetic Clutch
- Force Feeding Facility & Hydraulic Pressure System

Tableting Machines >

Allied Equipments >

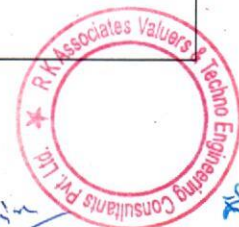
Punches & Dies >

Roll Compactor Machines >



TECHNICAL SPECIFICATION

MODEL	ACRA-Press II-37 D	ACRA-Press II-45 B	ACRA-Press II-55- BB	ACRA-Press II-61- BB
No. of Station	37 Station	45 Station	55 Station	61 Station
Type of Tooling	D	B	BB	BB
Output-Tablet/Hr.(Min./Max)*	80,000 to 2,22,000	98,000 to 2,70,000	1,20,000 to 3,30,000	1,32,000 to 3,66,000
Operating Pressure (Main)	10 Tons (Max.)	6.5 Tons(Max.)		
Depth of Fill	20.5 mm	17.5 mm		
Max. Tablet Dia.	25 mm	18 mm	16 mm	11.1 mm



Double Loader Capsule Filling Machine

REQUEST CALLBACK

Approx. Rs 9.5 Lakh / Unit [Get Latest Price](#)

Product Details:

Capacity	35000 Capsules/Hour
Usage/Application	Pharmaceutical Industry
Model Name/Number	PFT-DL
Automation Grade	Semi Automatic
Body Material	SS
Brand	Pharmafill
Weight	1100 kg
Dimensions	2000 x 1100 x 1800 mm
Voltage	380-440 V
Compressed Air	200 L/min (8 cfm) at 100 PSI
Vacuum	500 mm (20") of Hg at 1000 L/min (30 cfm)
Frequency	50 Hz
Phase	3 Phase
Auger Drive Power	1.5 HP
Filling Table Drive Power	0.5 HP
Vacuum Drive Power	3 HP




[Get Best Quote](#)

PRICE RANGE : 9.5 L TO 10 LAKHS.

It is the latest semi automatic machine and suitable for filling capsules of all sizes with powder, pellets & granules. It is comparable to the best because of its outstanding performance.





De Blister

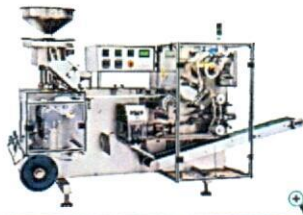
Tablet Recovery Unit

We follow stringent GMP norms and TQM Initiatives to ensure world class machines

240 PLUS: Optional Features

- Batch code letter embossing attachment
- No fills detection and rejection system
- Print registration control for PACK TO PRINT
- Poly - carbonate guard
- CE certification

Blister packing for form and function



Utilities Requirement

Compressed Air: 14 CFM dry air having minimum pressure 6 kgs /cm. sq.

Water Cooler: 7-9 Liters / Minute at min. Capacity 1200 K.cal / hour.

Electrical Power: 7.5 KW, 380 - 415. AC, 50 hz, 3 Phase + N+E.

Earthing Cable : Copper, 2.5 mm² (Minimum)

Packaging Materials

Base Material: PVC, PVC/PVDC, PVC/AL/OPA, ACLAR.


Lidding Material: Aluminum with heat sealable lacquer or PVDC coating, Glassine paper.

Technical Specifications

DISCRIPTION	Model : 240 Plus
PVC Base Film Width Max.	210 mm
PVC Film Thickness Max.	0.2 - 0.4 mm
Sealing Foil Width Max.	206 mm
Sealing Foil Thickness Max.	0.02 - 0.04 mm
Pack Length	200 mm
Pack Width	100 mm
Forming Depth	16 mm
Max. Out Put	2440 Blisters / Min.
Machine Dimensions in mm	L: 3100 W: 1100 H: 2000

[Download Brochure \(PDF\)](#)

240 PLUS



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in



8 Track Strip Packing Machine

[Ask Price](#)

6 Track Strip Packing Machine






[Ask Price](#)

4 Track Strip Packing Machine

[Ask Price](#)

4 Track Strip Packing Machine

[Ask Price](#)

8 Track Strip Packing Machine

[Get Latest Price](#)

[Product Brochure](#)
[Watch Video](#)


Brand	BLISTER KING
Model Name/Number	8 Track
Capacity	1600 to 2000 Table
No Of Tracks	8
Foil Reel Size	320mm, 250 mm dia, 76 mm dia (Width O.D. Core Dia)
Net Weight Approx	720 kgs.
Motor Speed	1440 RPM
Body Material	Stainless Steel

Salient Features:

- Adjustable cutting arrangements.
- Noiseless, Trouble free operation.
- Heavy Duty electrically vibrating feeding system.

Interested in this product?

[Get Best Quote](#)



DESHERA-TECH

Features

The bottles are dropped directly from the plastic bag into the vibrator or rotor. These bottles get into the chute and the orienting turret picks them up one by one by holding between the releasing bar and the trap, then these are dropped into the conical cup and further to the nylon turret. As the turret rotates the bottles are delivered onto the turntable. The turntable delivers the bottle on the slot conveyor of the filling machine. These bottles get filled and move onto the nozzle insertion station. The nylon turret moves the bottle forward and the nozzle turret synchronizes with this as it moves forward and the nozzle is inserted into the bottle. Then it moves further and the cap falls into the

Salient Features

1. Designed for eyes, ear and nose drops.
2. Compact line
3. Needs only two operators
4. Volume can be adjusted just by turning a hand wheel.
5. Very small laminas flow required
6. Filling accuracy $\pm 0.5\%$

Input Specification

Plastic Bottles 5ml to 100 ml

Capacity

80 to 120 bottles / minute

Remark

Due to flexible Modular system the machine can easily be designed to meet other specifications than those mentioned above.

Semi Automatic Rotary Medium Speed Tube Filler



[Get Free Quote](#)

A unique series of machine exclusively designed for laminated and plastic tubes. Capable of filling, sealing crimping, batch coding ejecting all in one stroke, these are engineered to meet the customers needs and requirements in an efficient manner. These machines have variety of filling nozzles to suit the particular type of product being filled. The machine uses patented hot air sealing system, which is one of the most reliable sealing systems for plastic and laminate tube.

FEATURES

- Incorporates LEISTER, Switzerland make hot air tool
- Fully pneumatic and absolutely maintenance free.
- No need to keep costlier spares as in the case of ultrasonic sealing machines with heaters.
- Rotary and compact
- Audiovisual alarm for any abnormal conditions of the machine.
- No tube - No fill facility.
- Production counter with memory to indicate the number of filled tubes.
- All the cylinders and pneumatic components are of festo make.
- Very low level rejection.
- Semi Automatic & Fully Automatic models are available with production output of 25 tubes/minute to 120 tubes/minute.

Products

- Tube Filling & Sealing Machines

- [Automatic Hi Speed Linear Tube Filler](#)
- [Semi Automatic Rotary Medium Speed Tube Filler](#)
- [Low Speed Tube Sealer](#)

- Paste Filling Machines

- [Fully Automatic Paste Filling Machine](#)
- [Hand Operated Paste/ Cream / Tube Filling Machine](#)
- [Semi Automatic Paste Filling Machine](#)
- [Kajal Filling Machine](#)

- Powder Filling Machines

- [Fully Automatic Powder Fillers](#)
- [Semi Automatic Powder Fillers](#)

- Labeling Machines

- Capping Machines

- [Fully Automatic Capping Machine](#)
- [Semi Automatic Capping Machine](#)

- Liquid Filling & Capping Machines

- [Fully Automatic Liquid Filling & Capping Machine](#)
- [Semi Automatic Liquid Filling & Capping Machine](#)

[Free Quotation](#)



ENCLOSURE: II- PHOTOGRAPHS



