

Kambert



EXPERT-1 **BI-LAYER TABLET COMPRESSION PRESS**



*A **Research & Development Press** that is designed to produce two-layer tablet Mono Layer, MUPS and Effervescent Tablets on a small scale.*

STANDARD FEATURES

- | cGMP Model with Contact parts SS 316
- | Central pillar drive system through an oil-immersed reduction gearbox
- | Gravity Feeding System & Pre Compression System for Mono Layer Tablet
- | 3 Piece Turret With SS 316 Die table (Upper & Lower Piece ELNP)
- | PLC With HMI Controls
- | First Layer sampling device
- | Easy and Quick assembly & dismantling of hoppers, feeders and dies for cleaning and product replacement purposes.

OPTIONAL FEATURES

- | Dial less Model
- | Main, Pre compression & Ejection Force Monitoring System
- | Compaction Force Control system (CFC System)
- | Force feeding system with ACVFD
- | Turret with HCP Die table
- | Mono Layer Tablet Attachment
- | Various depth of fill lower cam tracks
- | Feeding System for MUPS
- | Hopper with Agitator Assembly
- | Containment Isolator Model for Oncology & Hormonal Tablets production



Single Layer Tablet



Bi-layer Tablet



Effervescent Tablet



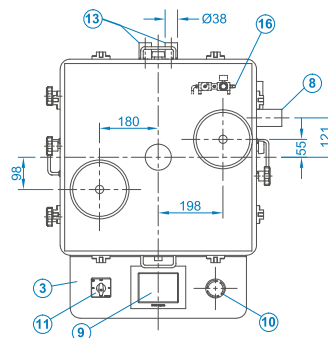
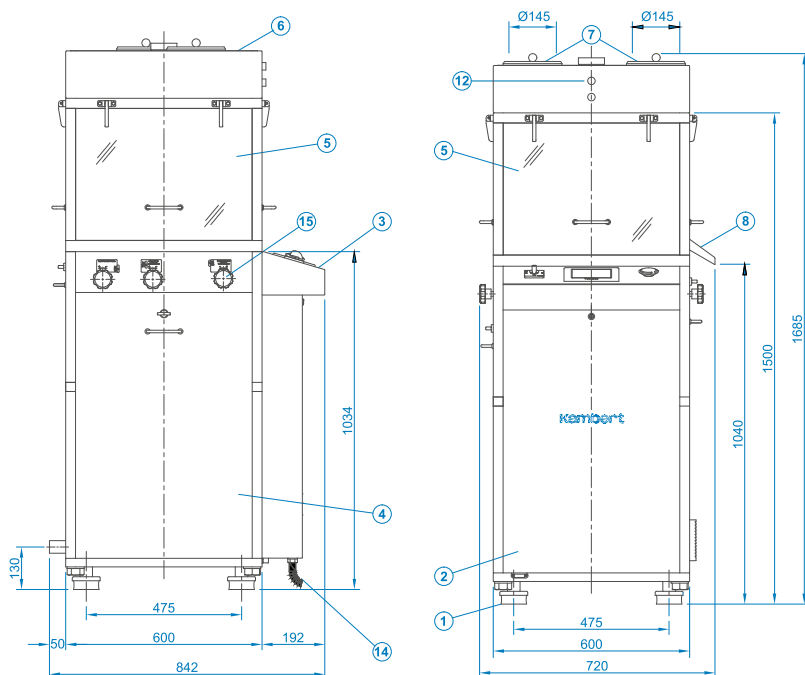
MUPS Tablet

EXPERT-1
BI-LAYER TABLET COMPRESSION PRESS

TECHNICAL SPECIFICATIONS

Model	Expert-1		
No. of Station	9	11	10MT
Type of Tooling - TSM or EU	D	B	D-5 & B-5
Turret Speed - RPM	5 to 35		
Feeder Speed - RPM	5 to 60		
Output Tablets/hour*	2700 to 18900	3300 to 23100	1500 to 10500
Depth of Fill-1st Layer - mm	2 to 16		
Depth of Fill-2nd Layer - mm	2 to 8		
Max. Compression Force-1st Layer - kN	10		
Max. Compression Force-Main - kN	70		
Max. Tablet Dia. - mm	19	16	D-19 & B-16
Tablet Thickness-1st Layer - mm	1 to 8		
Tablet Thickness-Main - mm	1 to 8		
U. P. Penetration-1st Layer - mm	4 to 8		
U. P. Penetration-Main - mm	4		
Main Electric Motor - kW / hp	3.7 / 5		
Force Feeder Electric Motor-2 Nos. - kW/hp	0.12 / 0.16		
Power Consumption - kW / hp	3.9 / 5.25		
Power Supply	220V / 380V / 415V / 480 V, 3 Ph, 50/60 Hz		
Overall Dimensions - cm	72W x 84D x 150H		
Net Weight - kg	850		

Beacuse of Technical Progress, we reserve rights of alteration.



1. Anti-Vibration Mounting 2. Front Door
3. Control Pannel 4. Lower Guards 5. Upper Guards 6. Top Cover 7. Hopper (2 Nos.)
8. Discharging Chute 9. Touch Screen (HMI)
10. Emergency Stop Button 11. Isolating Switch
12. Machine light 13. Dust extractor outlet nozzle 14. Main electric supply 15. Tablet parameter adj. knob 16. Air inlet

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