

LEGACY 6100

HIGH-SPEED TABLET PRESS

ACG-**pam**®



FOR DELIVERING GOOD QUALITY
TABLETS... CONSISTENTLY.



LEGACY 6100

The machine with intelligene.

The Legacy 6100 is designed to meet your quality and regulatory needs and has the flexibility to adapt to the stringent requirements of a demanding and dynamic pharmaceutical market. A tablet press with cGMP features, better accessibility to the compression zone, virtually tool free changeover and improved revenue optimization.

The Legacy 6100 brings high speed, fully automated operations, providing cost effective solutions to the pharmaceutical industry. With 21 CFR Part 11 and audit trail compliance, it fulfils all the requirements prevailing in regulated markets. The Legacy 6100 is conceived by world-class designers and crafted with high-quality precision engineering to deliver better value through innovation.

And the legacy continues...



Revenue Optimization

- The machine qualifies for D, B, BB and BBS type of tooling, providing greater flexibility to address dynamic market needs
- 'No-corner-pillar' design & 'Virtual tool less design' provides better accessibility, facilitating quick and effective cleaning
- Online aid and changeover video for the operator & maintenance team helps in raising the team's confidence & competence



Robustness & Reliability

- Rigid construction based on 'tie beam' design to support high speed applications
- Single-piece shaft design & dual cam sections complement smooth and gradual compression process



Safety to Operator, Machine, Process & Environment

- Isolation of compression, engineering, control and maintenance zone in accordance with
- Two-level safety alarm built in considering the reaction time of operator at powder feeding and lubrication zone
- Safety to punches in the compression zone, and upper & lower punch tightness measurement



Enhanced Production Quality

- 10 tonne compression rollers at first and second stages
- Improved dwell time with identical swing rollers ensuring gradual compression
- More than 90 exhaustive parameters that constitute each product formulation recipe. 200 such product recipes can be stored in the IPC



Automatic Weight Adjustment

- 'Out-of-specification' tablet sorting at high speeds
- Compression force adjustments for first & second stations
- Cylindrical (web) tablet height adjustment at both stages of compression through IPC
- Automatic weight adjustment by controlling dosage in filling cam

Process Enhancement

Versatile feeder concept with force feeding offers:

- Effective control on dusting resulting in improved yield, thereby, making the process environment friendly
- Control on loss of fines which helps in retaining tablet appearance, content uniformity and consistent weight
- Uniform filling at high speed through a special elevator design that minimizes the risk of jamming in the feeder



User Friendliness, Flexibility & Cleanability

- Stand-alone climatically controlled electrical switchboard operating panel
- Quick fit connections
- Unique 'special seals' for upper and lower punches
- Virtual tool less quick fit dust suction connection at the rear of the compression press
- Swing-over pressure rollers on special bearings facilitates quick and effective cleaning during product and batch changeover



Application Support

- Security hierarchy and password protection
- Batch report printing
- Import/export facility for recipe and batch records
- Batch report storage facility up to 200
- Alarm analysis screen



Assured Quality Uptime

- Complete validation package
- Exhaustive operational and functional training programs to support high-speed production needs
- 'Train the trainer' programs to ensure proficiency on the machine



Discover
the
LEGACY...



LEGACY 6100

Standing the test of time...

ACG Pam has always been at the forefront of technology for the pharmaceutical industry. Its aim is simple: to lead the way for higher standards, innovation and excellence in the field.

It has been ACG Pam's legacy of offering world-class technologies to the pharmaceutical industry. Since its launch, the Legacy 6100 has grown through continuous enhancements, thanks to inputs from our experienced design team as well as customer feedbacks. This has led Legacy 6100 to become a class-leading machine for tablet compression.

The Legacy 6100 is as robust as ever, yet agile enough to meet your diverse production needs. It has the latest sophisticated technology, with the intelligence to detect and eliminate variation.

This has allowed the Legacy 6100 to be proven to produce good quality tablets consistently for a wide variety of formulations. The feasibility for integration with a line tester now gives the ultimate flexibility of 'lights out' operation.



About ACG Pam

ACG-Pam, the flagship engineering company of ACG Worldwide, offers best-in-class oral solid dosage equipment to the global pharmaceutical industry. For over four decades, ACG-Pam has been helping the pharmaceutical industry with solutions in oral solid dosage systems - from high-speed tablet compression machines to unique capsule-fillers capable of filling powders, pellets, tablets and liquids in hard capsules, from 100% checkweighers to an entire range of productivity-enhancing line machines. Backed by ACG Worldwide and its 50 years' experience in manufacturing and R&D, ACG-Pam is driven by a passion for innovation and developing market-leading technologies.

About ACG Worldwide

With over fifty years of industry expertise, ACG Worldwide is an integrated processing, manufacturing and packaging solutions provider to the global pharmaceutical industry. We synergistically integrate businesses process and materials right from granulation and coating equipment to hard capsules and capsule filling machines; barrier packaging films to blister and cartoning machines; tablet compression systems to tablet tooling; vision inspection systems to end-of-line packaging solutions. A state-of-art R&D facility, SciTech Center in Mumbai, stands testimony to continuous investment in innovative products and technologies. Recognized as 'Best Vendor' by OPPI, ACG has also bagged awards for several innovative products from IIP and Pharmexcil. ACG Worldwide serves customers in more than 100 countries and has its subsidiaries in Brazil, China, Indonesia, the US and the UK.



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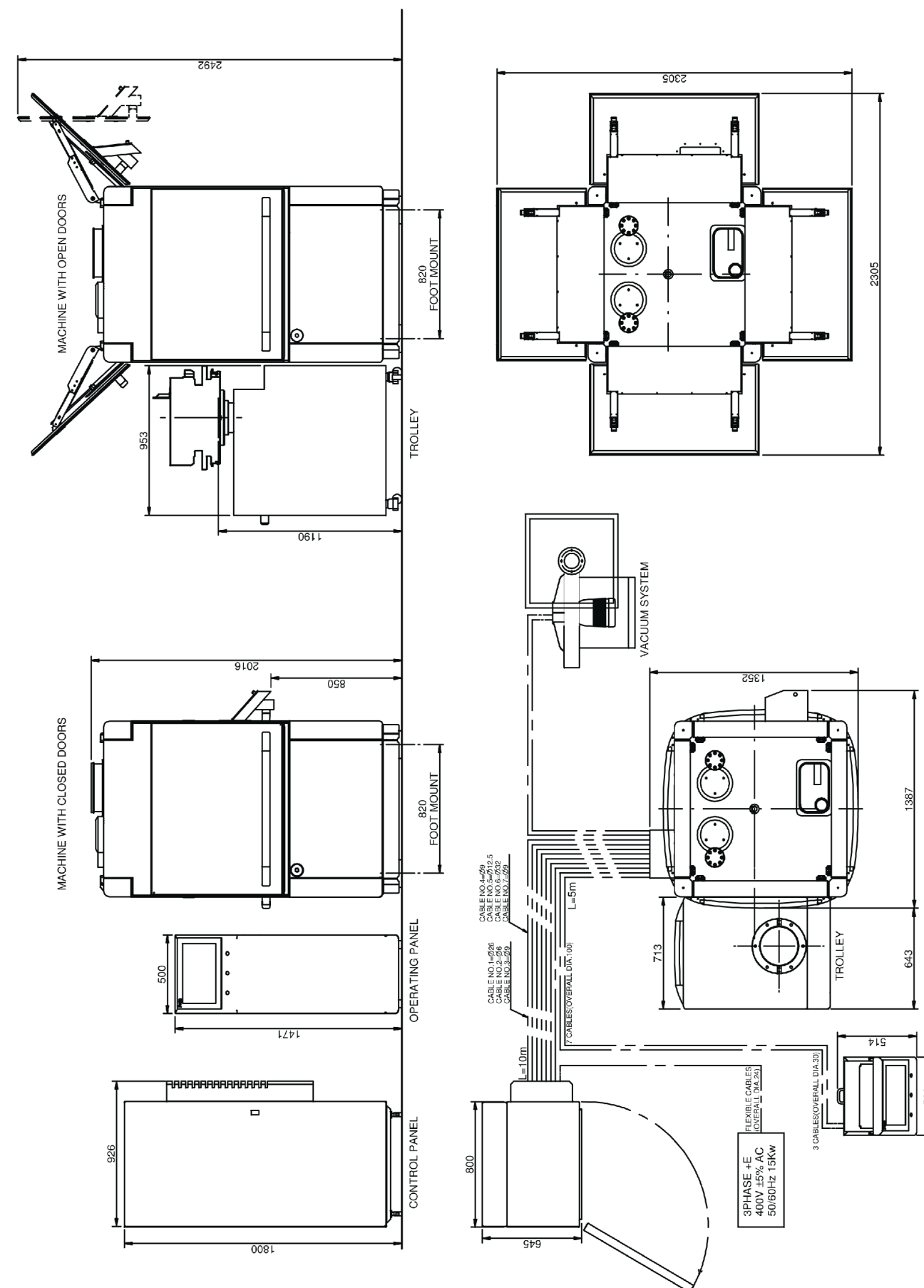
Technical Data

Number of Punch Stations	Unit	67	61	45	37
Punch Type		BBS	BB	B	D
Tool Specification Standard		EU/TSM	EU/TSM	EU/TSM	EU/TSM
Rated Output (Tablet / Hour)	nos/hour	402.000	366.000	270.000	222.000
First Stage Compression Force	kN	100	100	100	100
Second Stage Compression Force	kN	100	100	100	100
Pitch Circle Diameter	mm	540	540	540	540
Max Tablet Diameter	mm	11	13	16	25
Max Filling Depth	mm	18	18	18	21
Max Tablet Thickness	mm	8.5	8.5	8.5	8.5
Upper Punch Penetration Depth	mm	1-6	1-6	1-6	1-6
Die Tablet Rotation Speed	RPM	15-100	15-100	15-100	15-100
Die Diameter	mm	22	24	30.15	38.1
Die Height	mm	22.22	22.22	22.22	23.81
Punch Shaft Diameter	mm	16	19	19	25.35
Punch Length	mm	133.65	133.65	133.65	133.65
Weight of Machine	kg	4500	4500	4500	4500
Weight of Operator Terminal	kg	100	100	100	100
Weight of Electrical Switch Board	kg	200	200	200	200
Power Supply Details 400V +/- 5% AC, 3Ph + E, Power Consumption 13kW					
Machine Dimension L*W*H	mm	1400 L	1360 W	2100 H	
Operator Terminal Dimension L*W*H	mm	500 L	520 W	1500 H	
Electrical Switch Board Dimension L*W*H	mm	930 L	700 W	1800 H	

* Real output depends on tablet size, powder characteristics & environmental conditions.

* In case of special tablet shapes, it is recommended to contact ACG PAM.

* Tools only permit up to 70 kN.



Room Layout