

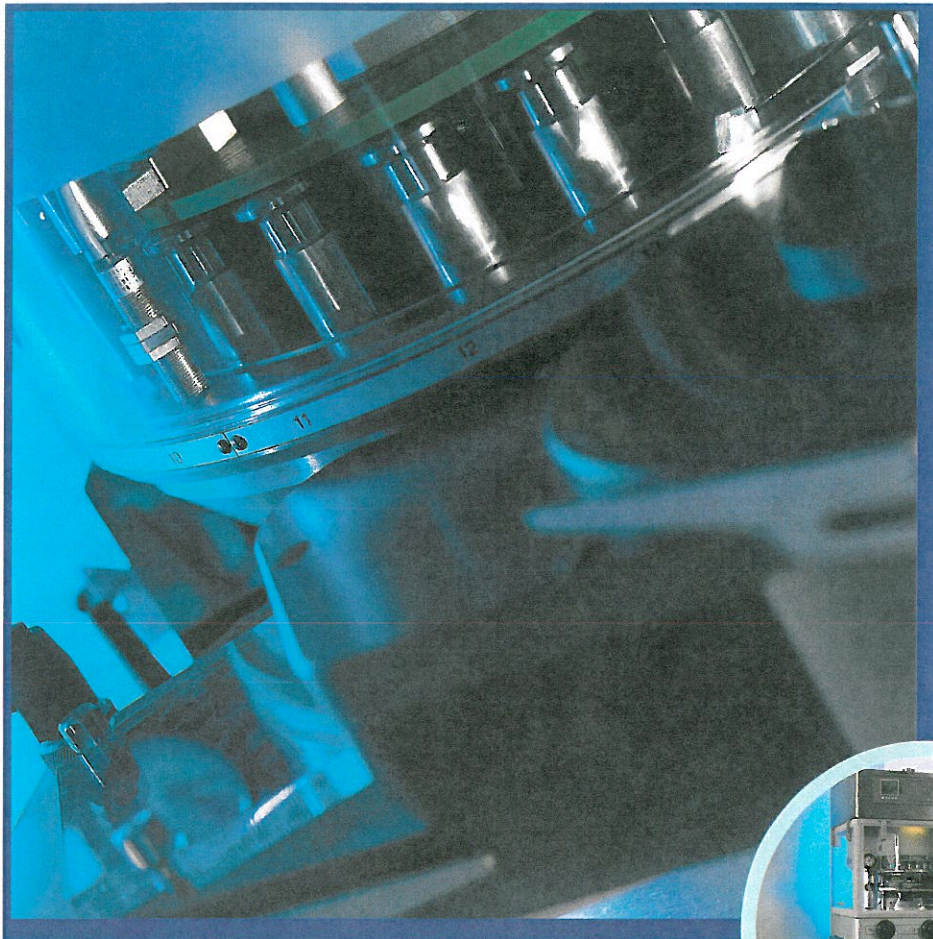
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Guaranteed Pharmaceutical Machinery



Manesty
an IWKA company



Unipress Diamond

High speed, high quality tablet production

Unipress Diamond

Fast and reliable tablet compression systems



The **Unipress Diamond** is a high speed, single sided tablet press with a single stage of pre-compression.

Ease of cleaning, efficient product and tool changeover are at the core of its design – resulting in a press which combines maximum productivity with minimum downtime. The Unipress can be configured with a comprehensive range of monitoring and quality control equipment for safe and efficient high-speed tableting.

The Diamond Range from Manesty is a sophisticated, highly productive, advanced range of tablet compression machines.

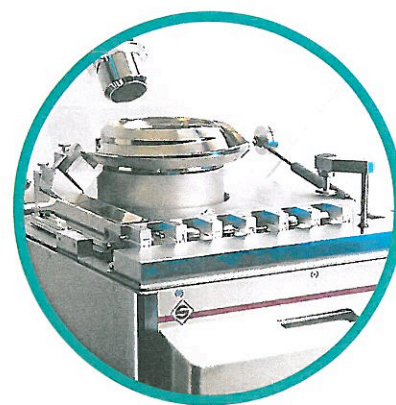
The Unipress features all the benefits common to the Manesty Diamond range – backed by more than 65 years' expertise in Tablet Compression. With five turret configurations the Unipress excels both in meeting demanding production schedules and in research and development where it can be fitted with advanced control and monitoring systems.

Choose which of Manesty's Diamond Tablet Presses best suits your application.

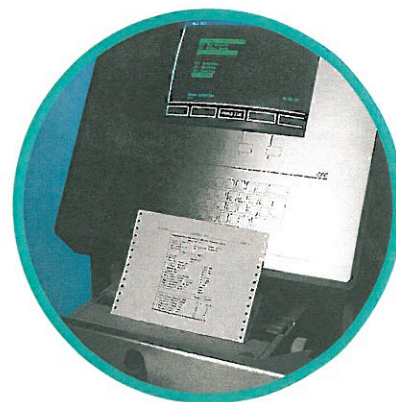
Press Name	Tablet Output Per hour	Single/ Double Sided	Punch Type
Unipress	18,000 - 255,000*	Single	B & D
Novapress	33,000 - 366,000*	Single	B & D
Rotapress	69,000 - 801,000*	Double	B & D
Elite	33,000 - 366,000*	Single/Double†	B & D

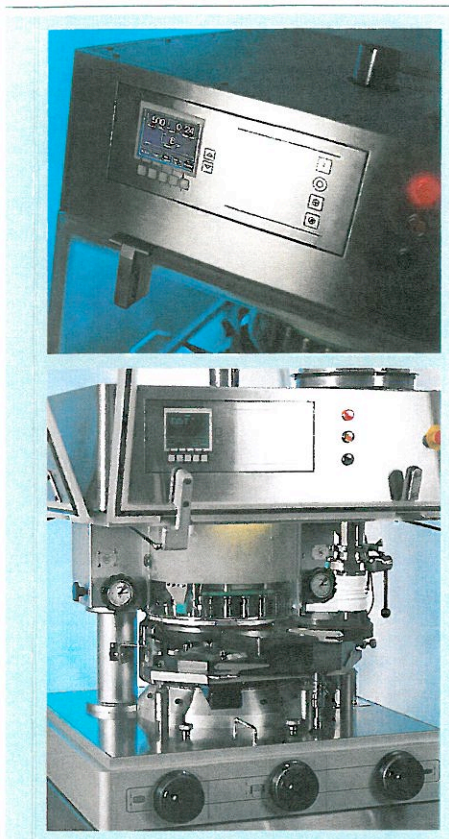
* Actual output will depend upon the number of punch stations and the characteristics of the product.

† Available for the US Market only.



Automated in-process control





Fast Product Changeover

The unique 'Diamond Feeder' with its three-paddle design, ensures that a wide range of formulations can be tableted successfully at the highest speeds. The feeder controls the amount of material being fed to the dies and improves weight consistency and yields relative to traditional feeder systems.

The Unipress is fitted with an upper punch dust protection system to ensure clean running of the press and reduced cleaning times.

Control Systems

The Unipress Diamond is fitted with an integral control panel with a stainless steel, wipe clean surface.

This LCD panel allows the operator to intuitively 'step through' set-up of the press parameters. A suite of screens is available during production, providing real-time feedback of press performance to the operator.

The Unipress can also be supplied or retrofitted with a range of control and monitoring options for advanced automated applications.

Advanced Design

The ergonomic and advanced design features of the Unipress have been achieved using our state of the art "Pro-Engineer" CAD system. These ensure that precision engineering linked to solid construction enable the Unipress to provide reliable high-speed tablet production throughout its extensive working life. With key components manufactured in-house to the most rigorous GMP standards the Unipress Diamond offers reliable and efficient tablet production.

Many design features facilitate rapid changeover between batches. With no corner pillars required to support the upper guards, the Unipress has the best access for cleaning in its class.

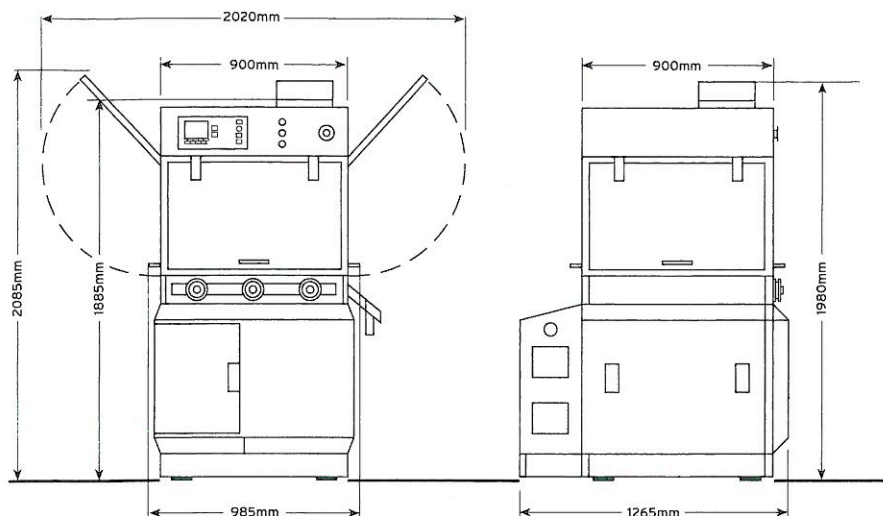
Unipress Diamond Specification

Single Sided

Number of stations	16	20	27	30	34
Output per hour	18,000 - 120,000	21,000 - 150,000	29,970 - 202,500	33,000 - 225,000	36,000 - 255,000
Maximum tablet diameter	25.4mm	25.4mm	16mm*	13mm	11mm
Maximum depth of fill	20.6mm	20.6mm	17.46mm	17.46mm	17.46mm
Maximum operating pressure	100kN (10 tons)	100kN	65kN†	65kN†	65kN†
Punch type	D	D	B	B	B
Die type	D	D	B	BB	BB

* Larger tablets possible using shaped tooling

† All machines are designed to work at 100kN. Machines using B type punches are offered as standard with 65kN operating pressure to reduce potential damage to tooling.



Dimensions

Net Weight (Kg)	2000
Min Height (mm)	1885
Height to Top of Hopper (mm)	1980
Max Height over Fully Opened Guards (mm)	2085
Min Width (mm)	985
Max Width with Guards Horizontal (mm)	2020

Manesty has served the pharmaceutical industry for more than 65 years with a combination of technical expertise and workhorse machinery now installed in the world's leading facilities. As a truly global business, we constantly strive to maintain our world-leading reputation for continuous technical innovation supported by a genuine understanding of our customers needs.

As part of the IWKA family Manesty joins with other world-class suppliers of technically advanced production equipment into industry sectors as diverse as automobile and cosmetics; chemicals to utilities. A successful and growing public company, IWKA has based its success on strong partnerships with its global customer base.

IWKA's dedicated Packaging Technology Group serves the food, chemical and pharmaceutical industries with a comprehensive range of products for forming, filling, sealing and packing consumer products. With such a broad portfolio, IWKA can offer integrated packaging lines with tailored and turnkey solution capabilities to make investment in capital equipment simpler with a lower risk and a higher return.



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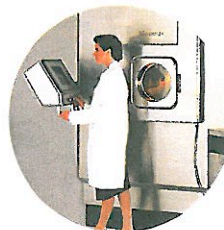
Website: www.manesty.com



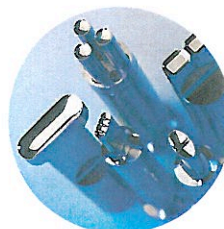
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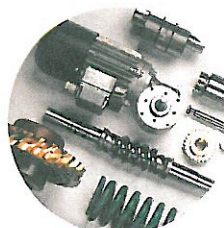
Tablet Presses



Tablet Coating Systems



Tablet Tooling



After Market Services