**MANESTY**

World-class technology and experience

Within the IWKA family, Manesty joins other world-class suppliers of technically advanced production equipment into industry sectors as diverse as automobile, cosmetics, chemicals and utilities.

A successful and growing public Company, IWKA AG has based its success on strong partnerships with its global customer base and is one of the 1000 largest manufacturing companies worldwide.

As a part of IWKA Packaging, Manesty along with its sister companies offers technologies employed in a total production line – Huttlin’s granulation and drying coupled with Manesty’s presses and coaters produce tablets; packed in IWK Verpackungstechnik’s blister packer and cartoned using R.A. Jones cartoners.

**A TYPICAL PRODUCTION LINE**

fluid bed granulation and drying  >>>  tablet compression and coating  >>>  blister packing and cartoning

**TECHNICAL INNOVATION**

Manesty has been at the forefront of technical innovation in the manufacture of solid dose tablets for more than 80 years. This has only been achieved through employment of expertise at every stage of the process.

In the UK, Manesty have two sites – our head office in Knowsley, Merseyside and a southern regional sales and service office in Farnham, Surrey.
Unique tablet presses

Manesty’s highly successful Xpress® range of tablet compression machines consists of the Xpress 300, Xpress 500 and Xpress 700.

Customers now benefit from increased production flexibility to run small, medium and large batch sizes on both single and double-sided presses. Each was designed with ease of use in mind and each machine offers many unique advantages:

These presses are controlled by mpower™ integrated technology which has been developed and written by our experts at Manesty and incorporates a Microsoft Windows operating system. This new press control technology is extremely user friendly and demands the minimum amount of training and operator intervention. Links to customer information systems are also possible.

Aside from ease of cleaning and operation, higher yields and a lower cost of ownership, customers can be assured that the Xpress® range allows for compliance with cGMP, GAMP and 21 CFR part 11.

FEATURES:

- Interchangeable turrets providing increased flexibility allowing multiple configurations thus providing the advantage of scale without having to purchase a new press.
- The ‘Zero Clearance’ feeder ensures high product yield with no scraping or need for re-circulation.
- Integrated air cushion movement – standard on the Xpress 700 and available as an option on the Xpress 300 and Xpress 500. This allows easy movement of the press within the production booth or removal for cleaning.
- Stepped cabinet design provides segregation of the production and mechanical zones and allows excellent access for cleaning.
- Upper and lower pre and main compression stations have identical 100kN capability as standard. Located entirely in the production zone, these can be swivelled open allowing easy access and rapid exchange of punches and dies.
- All hardware is contained within the press cabinet and control cabinet.
- No additional electrical cabinets are required thus saving valuable space.

Value Press Range:

These versatile machines provide a cost effective solution for manufacturing high quality tablets. All machines are easy to set up, operate, maintain and have proven durability. They meet the requirements of European legislation and are CE certified.
Innovative tablet coating systems

Innovation with a proven record of productivity.

Manesty combines more than thirty years of expertise in the supply of advanced tablet coating systems with a truly global presence.

EFFICIENT COATING PROCESSES:

- Unique tubular mixing baffles
- Proprietary spraygun
- Tailored air treatment systems
- Newly enhanced integral clean in place system
- New modular control system allowing compliance with 21 CFR part 11 in respect of electronic records and signatures

All our coaters use fully perforated pan technology – widely acknowledged as delivering the most efficient coating processes. We are focussed on delivering advanced, innovative technology to maximise yield and reduce total cost of ownership.

Manesty offers a comprehensive range of coating systems for all applications and budgets.

The XL’Lab provides advanced laboratory coating capability in a research and development environment. A flexible tool for small batch production, the range of coating pans are also quickly and easily changed. The XL’Lab 01 coats tablets and pellets up to 24 litres. The XL’Lab 02 extends this flexibility into pilot production scale with batch sizes up to 75 litres.

XL’Cota is the new generation of the well known Accelacota production coating systems. With many changes and improvements to ease of use, CIP and solvent delivery systems, the XL’Cota 150, 350 and 750 encompass the new functionally oriented M-tec™ control system technology.

The latest Premier™ systems provide the ultimate production scale coating solution. Supplied fully automated with Manesty’s new M-tec™ control technology the Premier™ has been designed from the ground up for lights out operation. A broad range of turnkey and project management options combine with a lifetime of support and service packages to make Premier™ the lowest long term cost option.
High quality aftermarket services

The After Market Services goal is to provide customers with products and services that fully meet or exceed their requirements and expectations.

Whatever the business needs, Manesty will strive to provide a one-stop solution for increased productivity and quality.

EXCEEDING CUSTOMER EXPECTATIONS

Spares Business Unit
Manesty’s Spares Business Unit provides a clear focus on customer requirements from a dedicated team. This team combines purchasing and technical expertise to provide the best possible response to customer spare part enquiries.

Integrated Systems
Refurbishment, upgrade, renovation modernisation or overhaul. Whatever the need, Manesty’s Integrated Systems Business Unit can assist.

There is a growing demand from manufacturers to work with a supplier able to repair and revitalise equipment, to enable prolonged use with compliance to modern requirements in a cost effective way.

Manesty’s Integrated Systems Business Unit combines over 80 years of engineering experience to provide a service that extends the boundaries of solution finding to meet customer requirements.

Universal Diamond Tooling
With extensive investment in all critical areas, from design through to heat treatment and validation. Using only the highest specification materials, Universal Diamond tooling from Manesty provides the foundation in achieving the exacting demands required from the latest ranges of advanced tablet presses.

Service and Validation
Manesty can help by offering greater support to customers in providing advanced service and validation for our equipment. Having a dedicated Validation Group with previous experience in the pharmaceutical industry offers the service and support to customers from the people who know the equipment best.

Training
Against a background of ever-changing technology, Manesty’s continued efforts to provide the very best in tableting and coating systems means that we have always placed great emphasis on technology training.

Manesty’s technology training sessions deliver the very latest techniques and innovations to our customers, either at their own premises or at Manesty’s purpose built Training Suite at Knowsley.