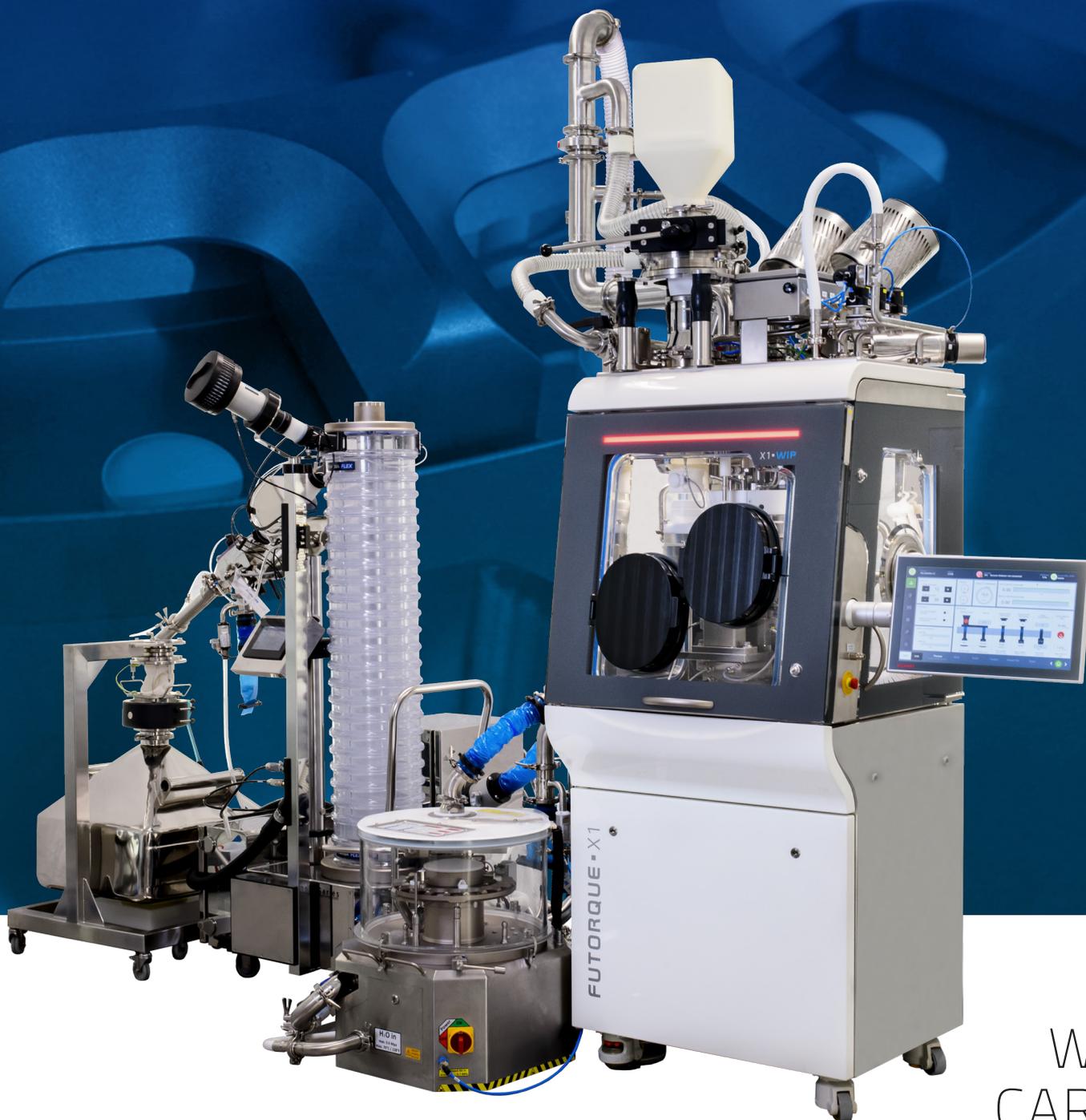


FREWITT 

FUTORQUE X1 WIP



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FUTORQUE X1 WIP

The Frewitt Futorque X1 tablet press is engineered for research applications within developmental departments, while also supporting small-scale production runs. Designed and manufactured in full compliance with cGMP regulations, the tablet press features smooth surfaces and easily removable housing, as well as components that can be disassembled without the need for tools, thus minimizing cleaning time and maximizing overall machine accessibility, ensuring optimal performance during high-demand operations.



TABLET WEIGHT REGULATION

The powder dosing station is driven by a high-precision servo motor, ensuring dosing accuracy of up to 0.01 mm. With the "Automatic Weight Adjustment function", the system continuously regulates powder dosing based on a preset main compression force, delivering consistent tablet quality. The compression zone is designed free of drive components, switches, and measuring devices — guaranteeing maximum cleanliness, safety, and easy maintenance. User-defined warnings and stop limits can be conveniently set via the intuitive touch panel interface.

DRIVE

Offering a wide range of operating speeds, a powerful servo motor with a planetary gearbox delivers high torque even at low speeds.

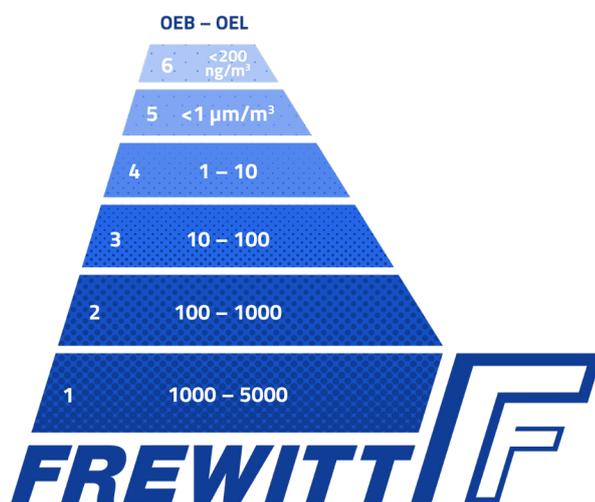


CONTAINMENT

The containment system provided by Frewitt offers efficient solutions for both conventional cleaning methods and wash-in-place (WIP) procedures. These systems are supported by modular, standard platforms that can be tailored to meet a wide range of requirements, from low-dust production environments to high-containment facilities equipped with integrated safety process equipment.

It is absolutely vital to make sure that the operators are kept away from the drug, and that other products being made in the same facility are not cross-contaminated.

Frewitt is your one-stop shop for contained materials handling solutions for primary and secondary pharmaceuticals and healthcare companies. Frewitt is your go-to partner for a wide range of technologies and equipment that will transform the efficiency and performance of your solid dosage production, ensuring a safe and seamless handling of powders. We know exactly what level of containment is needed where.



LUBRICATION

The standard automatic lubrication system ensures reliable lubrication of both upper and lower punches. Two independent lubrication cycles can be fully controlled directly from the operator's touch panel.

ACCESSIBILITY

The lower section of the machine, housing the main drive and compression station, is separated from the upper processing area and enclosed within a stainless steel body. The upper section features a durable multi-layer plexiglass, equipped with an easily removable silicone gasket for quick cleaning and maintenance.

Optimized accessibility allows for fast assembly and disassembly of punches and dies, as well as quick replacement of format and fill cams. Maintenance-free compression rollers are mounted on sealed roller bearings, ensuring long-lasting performance.

The Futorque comes equipped with an automatic filling cam identification system for maximum process reliability. A modern user interface with a large 18.5" multi-touch display provides intuitive operation and full process control.

INTUITIVE SOFTWARE

The advanced, multi-gesture control software offers effortless, intuitive operation, making the machine simple to use for operators at every level. Built-in recipe and batch management ensures fast setup and reliable process control, while comprehensive reporting tools allow easy export of data to PDF or CSV formats.

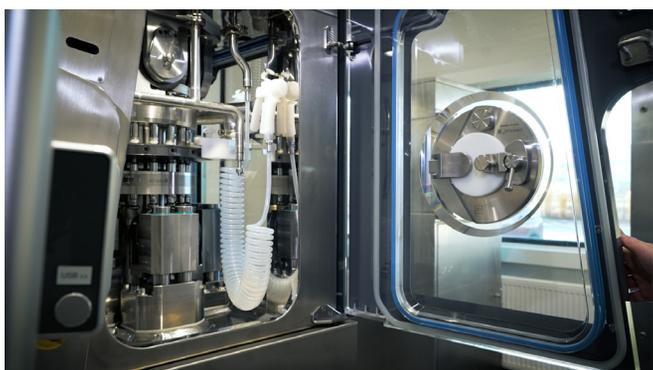


TECHNICAL CHARACTERISTICS

	Unit	EU19/B	EU1"/-441/D	Combi B/D
Number of stations	piece	18	14	7+7
Capacity	tablet/h	5.400 - 129.600	4.200 - 100.800	2.100 - 50.400
Turret speed	rpm		5 - 120	
Feeder speed	rpm		10 - 120	
Max. precompression force	kN		20	
Max. main compression force	kN		80	
Max. filling	mm		20	
Turret pitch circle	mm		240	
Upper penetration	mm		Standard 2mm (optional 1-4mm)	
Dimensions	mm		850 x 790 x 1890	
Weight	kg		1350	
Connected power			Voltage 400 VAC, 3 phases, 50Hz, installed power 10 kW	

ADVANTAGES

- Ultra-precise dosing accuracy (up to 0.01 mm)
- Wide operating speed range with high torque at low speeds
- Automatic weight control for consistent quality
- Quick changeover of punches, dies, and cams
- Automatic cam identification system
- Maintenance-free compression rollers
- Automatic punch lubrication
- Independently controlled lubrication cycles
- Easy parameter setting via 18.5" multi-touch control interface
- Stainless steel construction for durability
- Hygienic, component-free compression zone
- Easy-to-clean plexiglass upper guards with removable gasket



EXECUTIONS



Containment package includes:

- Fully welded frame, bottom and top
- Split Valves
- Encapsulated Pressing Chamber
- Glove Ports with gloves
- Rapid Transfer Port (RTP)
- Stainless steel execution, washable, min IP67
- Sealed 5 port tablet outlet module
- Liner System
- Pressure Decay Test
- Air Management System
- Integrated peripherals in the same class



Optional:

- Integrated WIP Skid
- Tablet Deduster with metal check OEB4/5
- Extraction Unit with filter safe change system OEB4/5
- Tablet Tester OEB5
- Containment Tablet Collection System
- Lifting Column
- Service Carts



FUTORQUE X1

X1-WIP



WORLDWIDE PRESENCE



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