

Hydraulic Presses 8 & 25 tons

The Atlas™ Series Power Presses T25 and T8, are power assisted hydraulic presses operating to 25 Tons and 8 Tons respectively. They have been designed to handle a wide variety of pressing applications, including XRF and IR sample preparation. Both Presses are fully compatible with our dies and other sample preparation.

The presses enable the controlled application and release of applied load and can accommodate large samples up to 200mm in diameter. The LCD display shows press status and load conditions giving a digital display of load applied. The power unit is extremely quiet and operates below 62dB(A). Fitted with PETG safety guards as standard The Atlas™ Series Power Presses are fully CE marked to comply with strict European regulations.

The Atlas™ Series Power Presses have a generous working distance of up to 155mm between the pressing faces and are suitable for the preparation of KBr discs for infrared analysis using evacuable pellet dies. They can also be used with heated platens for applications including the preparation of thin polymer film substrates.

The Atlas™ Series Power Presses are durable, easy to use and ideal for repetitive pressing operations at higher loads when used in conjunction with Atlas™ Series Lightweight Dies for x-ray fluorescence sample preparation.



Product Features

- § Microprocessor controlled pressure application and release
- § Large working distance between pressing surfaces
- § Fully CE Marked
- § Low noise operation
- § Liquid crystal digital display
- § Multi-lingual display option
- § Integral high clarity PETG safety Guards

Specifications

Max. Load on Ram (Piston) T8	8 Tons
Max. Load on Ram (Piston) T25	25 Tons
Load Range (0.5 on increments) T8	1- 8 Ton
Load Range (1Ton increments) T25	3 – 25 Ton
Top Bolster Diameter	32mm
Top Lead Screw Vertical travel	90mm
Ram (Piston) Bolster Diameter	83mm
Ram (Piston) Stroke	24mm
Max/Min Dist. between Pressing Faces	155mm – 40mm
Sample Area (Diameter x Height)	220mm Dia x 155mm
Base Footprint (Width x Depth)	425mm x 405mm
Height (without lead screw)	500mm
Height	545mm – 640mm
Weight	95kg

SOCACHIM - XRF SCIENTIFIC

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