

Press Family**Atlas™ Power Press (8T, 15T & 25T)**

The Atlas™ Power Presses 8T, 15T & 25T, are power assisted hydraulic presses operating to 8, 15 & 25 Tons respectively.

They have been designed to handle a wide variety of pressing applications, including XRF and IR sample preparation. All presses are fully compatible with Specac dies and other sample preparation accessories.

The presses enable the controlled 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™ 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 Specac evacuable dies. They can also be used with heated platens for applications including the preparation of thin polymer film substrates. The Atlas™ 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.

**Key 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 (English, French & German)
- Integral high clarity PETG safety guards
- Fully compatible with all Specac sample preparation accessories

Illustrations, descriptions and specifications in this datasheet were correct at the time of going to press. However, Specac's policy is one of continuous product development and we reserve the right to change descriptions and specifications at any time.

For the latest details please contact your local Specac office or representative.

Press Family

Atlas™ Power Press (8T, 15T & 25T)

Specifications

	8T	15T	25T
Max Piston Load	8 Tons	15 Tons	25 Tons
Digital Display	1-8 Tons	2-15 Tons	3-25 Tons
Min Load Step	0.5 Tons	0.5 Tons	1.0 Tons
Top Bolster Diameter		32mm	
Top Lead Screw Vertical Travel		90mm	
Ram (Piston) Bolster Diameter		83mm	
Ram (Piston) Stroke		24mm	
Max/Min Pressing Face Dist.		155 - 40mm	
Sample Area (Dia x H)		220 x 155mm	
Base Footprint (W x D)		425 x 405mm	
Height (without lead screw)		500mm	
Height		545 - 640mm	
Oil Type		Tellus 37	
Oil Reservoir Capacity		0.6 litres	
Weight		95Kg	



Ordering Information

8T

GS25400	Atlas Power 8T Press (UK/Europe 230v 50Hz)
GS25401	Atlas Power 8T Press (USA 110v 60Hz)
GS25402	Atlas Power 8T Press (Japan 100v 50/60Hz)
GS25403	Atlas Power 8T Press (China 230v 50Hz)
GS25404	Atlas Power 8T Press (Korea 230v 60Hz)

15T

GS25430	Atlas Power 15T Press (UK/Europe 230v 50Hz)
GS25431	Atlas Power 15T Press (USA 110v 60Hz)
GS25432	Atlas Power 15T Press (Japan 100v 50/60Hz)
GS25433	Atlas Power 15T Press (China 230v 50Hz)
GS25434	Atlas Power 15T Press (Korea 230v 60Hz)

25T

GS25420	Atlas Power 25T Press (UK/Europe 230v 50Hz)
GS25421	Atlas Power 25T Press (USA 110v 60Hz)
GS25422	Atlas Power 25T Press (Japan 100v 50/60Hz)
GS25423	Atlas Power 25T Press (China 230v 50Hz)
GS25424	Atlas Power 25T Press (Korea 230v 60Hz)

SPECAC LTD.,
River House 97 Cray Avenue, Orpington,
Kent. BR5 4HE UK
T: +44 (0) 1689 873134 F: +44 (0) 1689 878527
E: sales@specac.co.uk Registered in England No. 1008689

SPECAC INC.,
301 Berkeley Drive, Swedesboro, NJ 08085 USA
T: Toll Free +1 800 447 2558
E: sales@specac.com W: www.specac.com
Specac is part of Smiths Group plc

MD 23 - 01/14