

Which hydraulic press is best for my application?

Specac makes a variety of Atlas hydraulic presses for a wide range of pressing applications. There is also a range of accessories that can be used within the presses themselves, for the formation and preparation of particular sample types prior to analysis by techniques such as Infrared or X-Ray spectroscopy. The Specac accessories that can be used within the presses are evacuable pellet dies, heated platens and film maker systems.

The Specac Atlas presses themselves can be categorised as manual or automatic operated press systems. For manual operation this involves building up the pressure on the system and hence the load that can be applied by hand pumping the press, whereas an automatic press is the build up of pressure on the system and application of a load via pushing of a button. There are different versions of automatic presses and they can be further categorised as to their mode of operation and functionality.

Hydraulic press categories						
Press name	Part number	Type	Pressure system fluid	Load application operation	Load application functionality	Load range in tons
Atlas Manual 15T	GS15011	Manual	Oil (CL 37)	Hand pump	Manual	1-15
Atlas Manual 25T	GS25011	Manual	Oil (CL 37)	Hand pump	Manual	1-25
Atlas Power 8T	GS25400	Automatic	Oil (CL 37)	Button press	Power Assisted	1-8
Atlas Power 15T	GS25430	Automatic	Oil (CL 37)	Button press	Power Assisted	2-15
Atlas Power 25T	GS25420	Automatic	Oil (CL 37)	Button press	Power Assisted	3-25
Atlas Autotouch 8T	GS25800	Automatic	Oil (CL 37)	Button press	Programmable Automatic	1-8
Atlas Autotouch 15T	GS25810	Automatic	Oil (CL 37)	Button press	Programmable Automatic	2-15
Atlas Autotouch 25T	GS25820	Automatic	Oil (CL 37)	Button press	Programmable Automatic	3-25
Atlas Autotouch 40T	GS25830	Automatic	Oil (CL 37)	Button press	Programmable Automatic	4-40

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