



Atlas Copco



SP range of
hydraulic pumps

Torque & Tension

Smart hydraulic pumps for torque and tension

Designed and tested to meet tough hydraulic bolting demands in Wind and Oil & Gas construction and maintenance projects. A reliable choice for continuous operations.



Suitable for working in extreme hot and cold weather conditions. Using the recommended oil as per ambient temperatures will give you uninterrupted uptime to operators, speeding the overall process

SP-1500 tensioning pump is a smart choice for tensioning operations with a perfect balance of speed and durability even in extreme weather conditions.



A combination of high flow gear pump and high flow intensifier delivers a uniform speed over the entire pressure range, speeding up the process.



Remote pendant operation for pressure build up and pressure release, enables operator to stay away from high pressure areas.



High performance intensifier gives a smooth energy and efficient operation, with these features in place it achieves minimum wear and tear on all components.

- A Circuit breaker for safety of PLC and other components.
- B On off control on pump for safety.
- C PLC based control box with LCD display.
- D Class 1 guage with large dial for easy read.
- E Gear pump & intensifier for energy saving.
- F Safe quick couplers with locking ring to prevent accidental disengagement.
- G Start/Pressurise.
- H Emergency stop switch.
- I Stop and pressure release.

SP1500



SP700



SP-700 pump is ideal for all hydraulic torque wrench operations which require high productivity and operator comfort.



Autocycle mode is capable of removing manual reaction time losses from each cycle with any hydraulic torque wrench.



All operations can be carried out with the remote pendant. safety alarms for low oil level, high temperatures and faulty electric supply for increased safety.



Saves energy in each cycle of hydraulic wrench operation. This is normally lost due to manual operations.

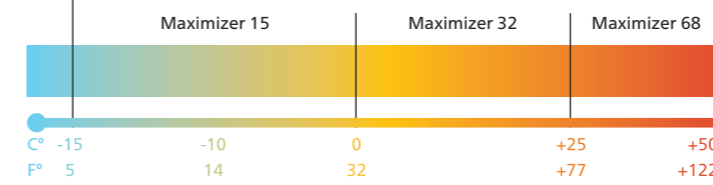
- A Circuit breaker for safety of PLC and other components.
- B On off control on pump for safety.
- C PLC based control box with LCD display.
- D Class 1 guage with large dial for easy read.
- E Gear pump & intensifier for energy saving.
- F Automatic/Manual mode.
- H Emergency stop switch.
- I Stop and pressure release.
- K Start and pressure rise.
- L Carrying handle.



In the energy industry time is money. The SP Range of hydraulic pumps has been developed to increase productivity out in the field more efficiently, operating upto 30% faster than competitor pumps. This increase in speed will save time in the overall process and help cut costs down.

SP1500 Tensioning Pump

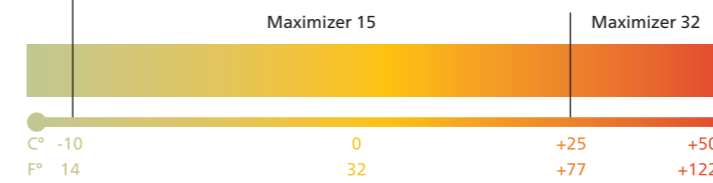
Oil recommendations SP1500



Model	Current Supply			Oil flow <150 bar l/m	Oil flow @150 to 1500 bar l/m	Usable oil capacity		Max Pressure bar	Weight with oil		Height		Width		Length		Ordering No.
	Voltage	Frequency	Current			l	Gal		kg	Lb	mm	in	mm	in	mm	in	
SP1500-230	230 V	50 Hz	10 A	4.54	0.45	1.7	0.45	1500	40	88.2	410	16.1	275	10.8	590	23.2	8434 2203 68
SP1500-230-60	230 V	60 Hz	10 A	4.09	0.45	1.7	0.45	1500	40	88.2	410	16.1	275	10.8	590	23.2	8434 2203 67
SP1500-110	110 V	60 Hz	18 A	2.73	0.45	1.7	0.45	1500	40	88.2	410	16.1	275	10.8	590	23.2	8434 2203 66

SP700 Torque Pump

Oil recommendations SP700



Model	Current Supply			Oil flow 120 bar l/m	Oil flow max pressure l/m	Usable oil capacity		Max Pressure bar	Weight with oil		Height		Width		Length		Ordering No.
	Voltage	Frequency	Current			l	Gal		kg	Lb	mm	in	mm	in	mm	in	
SP-700-230	230 V	50 Hz	10 A	6.89	1.10	1.7	0.45	700	37.5	72.7	370	14.6	278	10.9	680	26.8	8434 2040 47
SP-700-115	115 V	60 Hz	20 A	6.33	0.64	1.7	0.45	700	37.5	72.7	370	14.6	278	10.9	680	26.8	8434 2040 48
SP-700-230	230 V	60 Hz	10 A	6.89	0.86	1.7	0.45	700	37.5	72.7	370	14.6	278	10.9	680	26.8	8434 2040 52

Oil

Accessories	Order number
4 port manifold kit 4 port manifold kit (SP700)	8434 2040 50
Maximizer 15 Oil	8434 2040 51
Maximizer 32 Oil	8434 2200 02
Maximizer 68 Oil	8434 2200 01



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Check out our bolting solutions

