

Pumps, arms and chucks for Swellex Expandable rock bolting systems


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The installation system for Swellex Expandable rock bolts consists of a high pressure water pump coupled with an inflation chuck that is pushed over the rock bolt's head bushing to conduct the water flow from the pump to the inside of the bolt. Atlas Copco offers hydraulic, pneumatic and electrical high pressure pumps for installing Swellex Expandable rock bolts. Additionally different types of Installation arms, Chucks etc. are also available.

Features & benefits

Well proven high pressure pumps

Sturdy and reliable

Designed to assure the quality of installation by controlling the inflation until the required pressure is reached.

Units: [Metric](#) [Imperial](#)

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8613 1102 12	Hose set (high pressure + low pressure) 5 m for HC1 Swellex arm Weight:5 kg Length:16,40 ft	<input type="checkbox"/>	Compare	Request information
6003 2334 00	Hose set (high pressure + return) 5m for PSP, H1, E1 Swellex arm Weight:2,31 kg Length:16,40 ft	<input type="checkbox"/>	Compare	Request information
8613 1100 06	Hose set (high pressure) 5 m for PSP, H1, E1 Swellex arm Weight:2 kg Length:16,40 ft	<input type="checkbox"/>	Compare	Request information
8613 2440 07	Swellex Chuck Pm/Mn 16&24 Weight:1,4 kg	<input type="checkbox"/>	Compare	Request information
8613 2441 05	Swellex Chuck Pm/Mn12 Weight:1 kg	<input type="checkbox"/>	Compare	Request information
9899 7007 06	Swellex E1 pump 200-220 VD Japan Weight:80 kg Max. working pressure for water (bar, psi):4641,21 psi Connections water:	<input type="checkbox"/>	Compare	

Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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9899 7007 07

Swellex E1 pump 400VY Europe



Weight:80 kg | Max. working pressure for water (bar, psi):4641,21 psi | Connections water: Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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9899 7007 08

Swellex E1 pump 440VY-60Hz Japan



Weight:80 kg | Max. working pressure for water (bar, psi):4641,21 psi | Connections water: Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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9899 7007 09

Swellex E1 pump 480VY-60Hz CSA



Weight:80 kg | Max. working pressure for water (bar, psi):4641,21 psi | Connections water: Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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9899 7007 10

Swellex E1 pump 525VD-50Hz South Africa



Weight:80 kg | Max. working pressure for water (bar, psi):4641,21 psi | Connections water: Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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9899 7007 11

Swellex E1 pump 575VD-60Hz CSA



Weight:80 kg | Max. working pressure for water (bar, psi):4641,21 psi | Connections water: Claw coupling (1/2") | Vibrations in the installation arm:Not measureable | Depth:17,71 inch | Width:30,51 inch | Height:17,71 inch | Max. supply water temperature (°C, °F):104 °F | Flow rate (l/min, gpm):190,20 gpm

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8613 1101 87

Swellex H1 pump



Weight:36 kg | Max. inlet water pressure (bar, psi):290,07 psi | Vibrations in the installation arm: Not measureable | Depth:21,65 inch | Width:11,02 inch | Height:10,62 inch | Max. outlet water pressure (bar, psi):4641,21 psi | Max. water temperature (°C, °F):158 °F | Max. water consumption (l/min, gpm):269,45 gpm | Hydraulic flow (l/min, gpm):634,01 gpm | CE marked (yes/no):Yes

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8613 1102 10

Swellex HC1 Installation arm 1.6 m with Chuck and Manometer Pm/Mn 12



Weight:17 kg

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8613 1102 20

Swellex HC1 Installation arm 1.6 m with Chuck and Manometer Pm/Mn 16&24



Weight:18 kg

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8613 1100 42

Swellex HC1 pump (special arm required)



Weight:38 kg | Max. inlet water pressure (bar, psi):290,07 psi | Vibrations in the installation arm: Not measureable | Depth:21,65 inch | Width:11,02 inch | Height:10,62 inch | Max. outlet water pressure (bar, psi):4641,21 psi | Max. water temperature (°C, °F):158 °F |

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Max. water consumption (l/min, gpm):269,45 gpm | Hydraulic flow (l/min, gpm):634,01 gpm |
Electric voltage (V):22 | Power consumption (A):2 | CE marked (yes/no):Yes

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8613 2430 19

Swellex Installation arm 1.6 m with Chuck and Manometer for Pm/Mn 16&24

Weight:13 kg



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8613 2430 18

Swellex Installation arm 1.6 m with chuck and Manometer for Pm/Mn12

Weight:12 kg



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8613 2411 32

Swellex pump PSP 300 Standard (Installation arm 1.6 m incl.) with Manometer and Chuck
Pm/Mn12

Weight:38,5 kg | Max. working pressure for water (bar, psi):4351,14 psi |
Max. working pressure for air (bar, psi):72,51 psi | Air consumption at 5 bar, average (l/s, cfm):
53 cfm | Max. inlet water pressure (bar, psi):87,02 psi | Connections air:Claw coupling (1/2") |
Connections water:Hose coupling (1/2") | Noice level at op. Ear, 4m away (dB(A)):96 dB(A) |
Vibrations in the installation arm:Not measureable | Depth:11,02 inch | Width:33,46 inch |
Height:12,59 inch



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8613 2411 33

Swellex pump PSP 300 Standard (Installation arm 1.6 m incl.) with Manometer and Chuck for
Pm/Mn16 and Pm/Mn24

Weight:39 kg | Max. working pressure for water (bar, psi):4351,14 psi |
Max. working pressure for air (bar, psi):72,51 psi | Air consumption at 5 bar, average (l/s, cfm):
53 cfm | Max. inlet water pressure (bar, psi):87,02 psi | Connections air:Claw coupling (1/2") |
Connections water:Hose coupling (1/2") | Noice level at op. Ear, 4m away (dB(A)):96 dB(A) |
Vibrations in the installation arm:Not measureable | Depth:11,02 inch | Width:33,46 inch |
Height:12,59 inch



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8613 2421 30

Swellex pump PSP 300 Standard (no Installation arm incl.)

Weight:30 kg | Max. working pressure for water (bar, psi):4351,14 psi |
Max. working pressure for air (bar, psi):72,51 psi | Air consumption at 5 bar, average (l/s, cfm):
53 cfm | Max. inlet water pressure (bar, psi):87,02 psi | Connections air:Claw coupling (1/2") |
Connections water:Hose coupling (1/2") | Noice level at op. Ear, 4m away (dB(A)):96 dB(A) |
Vibrations in the installation arm:Not measureable | Depth:11,02 inch | Width:33,46 inch |
Height:12,59 inch



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[See the product in action](#)

