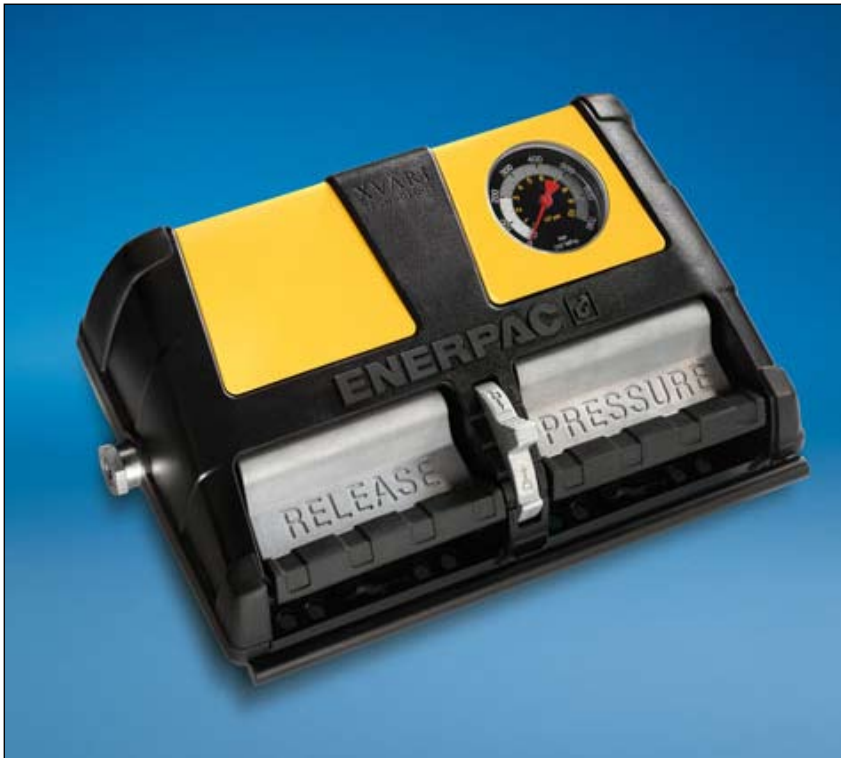


# XA-Series, Air Driven Hydraulic Foot Pumps

**ENERPAC**   
POWERFUL SOLUTIONS. GLOBAL FORCE.

▼ Shown: **XA11G**



- Ergonomic design for less operator fatigue
- Variable oil flow & fine metering for precise control
- Higher oil flow for increased productivity
- Closed hydraulic system prevents contamination and allows pump usage in any position
- Pedal lock function for retract position
- Ground screw for improved ATEX explosion safety
- External adjustable pressure setting valve.

▼ Easy operated by foot. No need to fully lift up foot – rest bodyweight on heel, resulting in a handsfree and stabile working position.



**XVARI**<sup>®</sup>  
TECHNOLOGY

## Productivity & Ergonomics



### Optional Pressure Gauge

Integrated gauge with calibrated scale reading in bar, psi and MPa for actual pressure reading.



### 4/3 Control Valve

For powering double-acting hydraulic cylinders and tools.



### 2 Litres Reservoir

Double oil capacity for powering larger hydraulic cylinders and tools.



### Pedal Safety Guard

Customer installed frame protects both pedals against accidental activation.

Model Number <sup>1)</sup>

**XPG1**

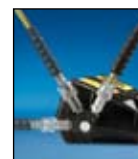


### "Joy-stick" Lever Kit

Customer installed set of handles for manual operation of both pedals.

Model Number <sup>1)</sup>

**XLK1**



### Swivel Connector

Customer installed swivel connector for optimal orientation of the hydraulic hose.

Model Number <sup>1)</sup>

**XSC1**

<sup>1)</sup> Accessories must be ordered separately.

# XVARI® Technology, Air Driven Hydraulic Foot Pumps



## XVARI® Technology Production Application

XA11 pump is used with a 13 tons hollow cylinder to compress and position diesel engine valve springs.

The operator benefits from the fine metering capacities of the XVARI® Technology to apply the mandatory precise stroke and force.

[www.xvari.com](http://www.xvari.com)

## XA Series



Reservoir Capacity:  
**1,0 - 2,0 litres**

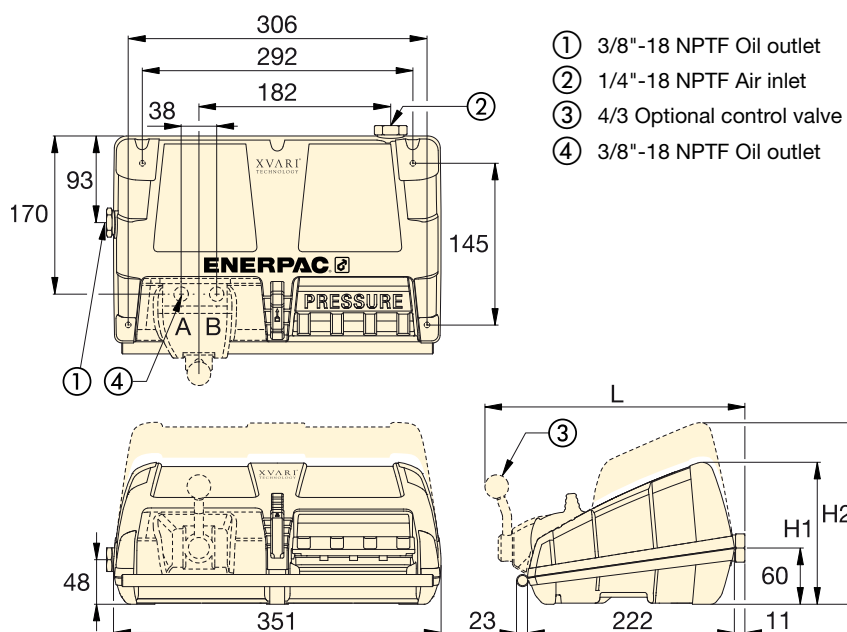
Flow at Rated Pressure:  
**0,25 l/min**

Air Consumption:  
**283 - 991 l/min**

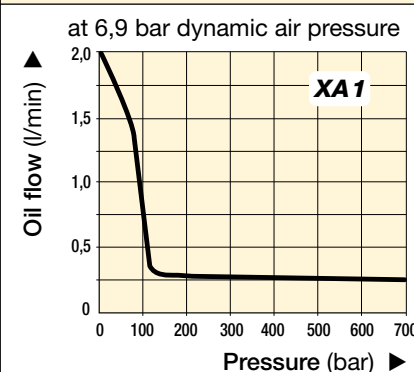
Maximum Operating Pressure:  
**700 bar**

### ▼ XA-SERIES PERFORMANCE CHART

Maximum Pressure (bar)	Output Flow Rate (l/min)		Pump Series	Valve Function	Dynamic Air Pressure (bar)
	No load	Load			
700	2,0	0,25	<b>XA1</b>	Advance/Hold/Retract	2,1 - 8,6



### OIL FLOW VERSUS PRESSURE



### Regulator-Filter-Lubricator

Recommended for use with all XA-Series Air pumps. Provides clean, lubricated air and allows for air pressure adjustment.

Model Number

**RFL102**

### ▼ SELECTION CHART

For use with cylinder or tool	Usable Oil Capacity (litres)	Model Number <sup>1)</sup>	Pressure Gauge	3-way 3-pos. Valve	4-way 3-pos. Valve	Dimensions (mm)			(kg)
						H1	H2	L	
Single-acting	1,0	<b>XA 11 <sup>2)</sup></b>	—	•	—	152	—	—	8,6
	2,0	<b>XA 12 <sup>2)</sup></b>	—	•	—	—	170	—	10,2
Single-acting	1,0	<b>XA 11G</b>	•	•	—	152	—	—	8,8
	2,0	<b>XA 12G</b>	•	•	—	—	170	—	10,4
Double-acting	1,0	<b>XA 11V</b>	—	—	•	152	—	279	10,1
	2,0	<b>XA 12V</b>	—	—	•	—	170	279	11,7
Double-acting	1,0	<b>XA 11VG</b>	•	—	•	152	—	279	10,3
	2,0	<b>XA 12VG</b>	•	—	•	—	170	279	11,9

<sup>1)</sup> High-Flow coupler CR-400 and accessories must be ordered separately.

<sup>2)</sup> Available as cylinder-pump set, see page 62.