

▼ Shown: **XA 11G**



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

\* See explanation of ATEX Certification in "Yellow Pages".

▼ Easily operated by foot. No need to fully lift up foot - rest body weight on heel, resulting in a hands-free and stable working position.



## Control and Ergonomics



### Optional Pressure Gauge

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



### Optional 4-Way 3-Position Valve

For powering double-acting hydraulic cylinders and tools.



### Optional 1/2 Gallon Reservoir

Double oil capacity for powering larger hydraulic cylinders and tools.



### "Joy-stick" Lever Kit

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

Order model number <sup>1)</sup>

**XLK1**



### Hydraulic Swivel Connector

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

Order model number <sup>1)</sup>

**XSC1**

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

# Air Driven Hydraulic Pumps



## PRODUCTION APPLICATION

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

The operator benefits from the fine metering capabilities to apply the mandatory precise stroke and force.

## XA Series



Reservoir Capacity:  
**61 - 122 in<sup>3</sup>**

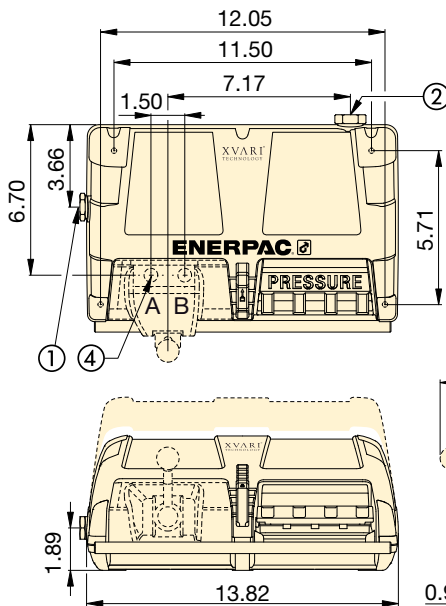
Flow at Rated Pressure:  
**15 in<sup>3</sup>/min.**

Air Consumption:  
**10 - 35 scfm**

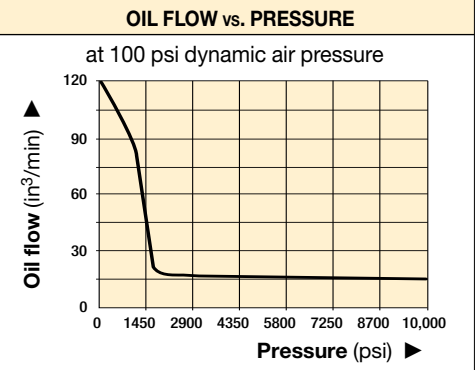
Maximum Operating Pressure:  
**10,000 psi**

## ▼ XA-SERIES PERFORMANCE CHART

Maximum Pressure (psi)	Output Flow Rate (in <sup>3</sup> /min)		Pump Series	Valve Function	Dynamic Air Pressure (psi)	Sound Level (dba)
	No load	Load				
10,000	120	15	XA1	Advance/Hold/Retract	30-125	88



- ① 3/8"-18 NPTF Oil Outlet
- ② 1/4"-18NPTF Air Inlet
- ③ 4/3 Optional Control Valve
- ④ 3/8"-18 NPTF Oil Outlet



## Regulator-Filter-Lubricator

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

Order model number <sup>1)</sup>

**RFL102**

## ▼ SELECTION CHART

For Use With Cylinder Tool	Usable Oil Capacity (in <sup>3</sup> )	Model No. <sup>1)</sup>	Pressure Gauge	3-Way, 3-Position Valve	4-Way, 3-Position Valve	Dimensions (in)			Weight (lbs)
						H1	H2	L	
Single-acting	61	XA11 <sup>2)</sup>	–	•	–	5.98	–	–	19.0
	122	XA12 <sup>2)</sup>	–	•	–	–	6.69	–	22.4
Single-acting	61	XA11G	•	•	–	5.98	–	–	19.4
	122	XA12G	•	•	–	–	6.69	–	22.9
Double-acting	61	XA11V	–	–	•	5.98	–	10.98	22.3
	122	XA12V	–	–	•	–	6.69	10.98	25.7
Double-acting	61	XA11VG	•	–	•	5.98	–	10.98	22.7
	122	XA12VG	•	–	•	–	6.69	10.98	26.2

<sup>1)</sup> High-flow coupler CR400 and accessories must be ordered separately.

<sup>2)</sup> Available as cylinder pump set, see page 63.