

# BLACKHAWK®



Air Driven Hydraulic Pumps  
**PMP81 Series**

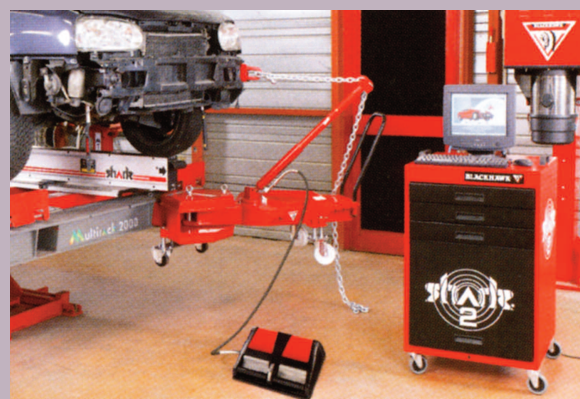
The breakthrough in hydraulic pump  
technology & ergonomics.

700 bar pumps with  
XVARI® Technology



- ***Ergonomic design for less operator fatigue***
- ***Variable oil flow & fine metering for precise control***
- ***Higher oil flow for increased productivity***

## PMP81 Series, Air Driven Hydraulic Pumps



**XVARI® Technology**  
Product Application

The PMP81 pump can be used with all Blackhawk straightening systems and cylinders.

### Series PMP81



- 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.

Reservoir Capacity :

**1,0 litre**

Flow at Rated Pressure :

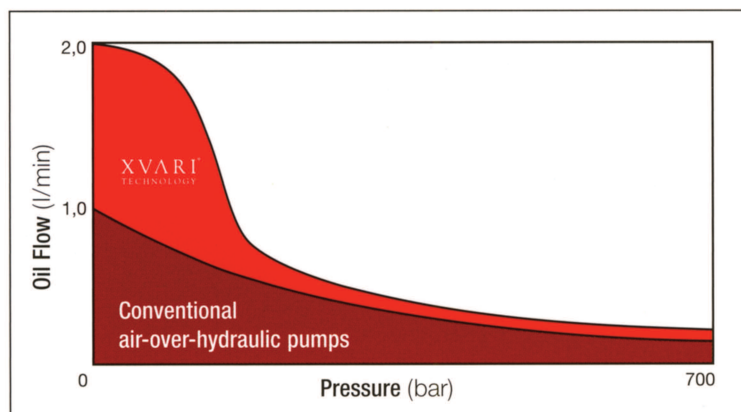
**0,25 l/min**

Air Consumption :

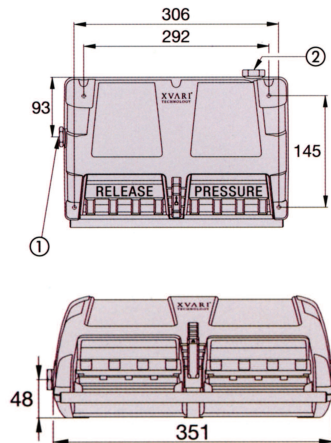
**283 - 991 l/min**

Maximum Operating Pressure :

**700 bar**

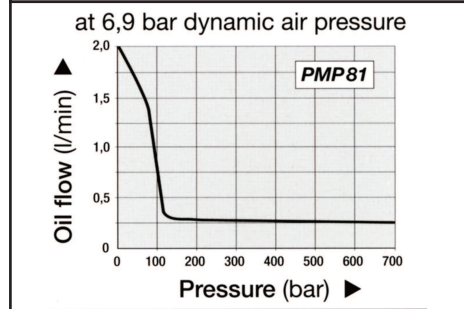


XVARI® Technology, Hydraulic Flow Performance






### FLOW CHART



For use with cylinder or tool	Usable Oil Capacity (litres)	Maximum Pressure (bar)	Output Flow Rate (l/min)		Model Number	3-way 3-position Valve	Dynamic Air Pressure (bar)	(Kg)
			No load	Load				
Single-acting	1,0	700	2,0	0,25	<b>PMP81</b>	Advance/Hold/Retract	2,1-8,6	8,6

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