

SFP-Series

700 bar Split Flow Hydraulic Pumps

Multiple Outlets with Equal Oil Flow



ENERPAC

SFP-Series, 700 bar Split Flow Pumps

ENERPAC
POWERFUL SOLUTIONS. GLOBAL FORCE.

▼ SFP421SW and SFP404SW



- **2, 4 or 6 split-flow outlets**
- **Individual or simultaneously operation of valves, with advance/hold/retract function**
- **Joystick (manual) controlled or pendant (solenoid) controlled valves**
- **Flow per outlet ranging from 0,45 to 4,2 l/min at 700 bar**
- **For double- and single-acting cylinders**
- **Adjustable pressure relief valve per circuit**
- **Reservoir: 40 or 150 liters.**

▼ *Step-by-step stage lifting an old windmill using double-acting RR-506 cylinders powered by a split-flow pump.*



Multiple Outlets with Equal Oil Flow

Typical Split Flow Pump Applications

For lifting applications on multiple points Split-Flow Pumps are a far better alternative than using separate operated pumps. Where synchronization of maximum 4% is acceptable and load is even distributed over the lifting points, split flow pumps are a safe and economical solution.
The SFP-Series pumps feature both single and synchronized multiple outlet control either through joystick or pendant operation.

Application examples:

- Bridge deck lifting for bearing maintenance
- Stage lifting in construction and shipbuilding
- Skidding to move structures and buildings
- Levelling of constructions like wind turbines.



Remote Control Pendant

Split Flow pumps with solenoid valves include a remote pendant with selector switches for each individual outlet, allowing single or multiple cylinder operation.



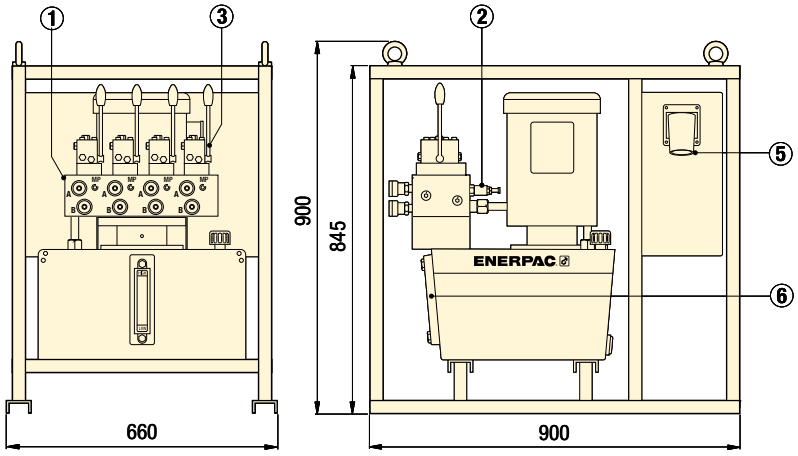
Gauges and Adaptors

Always use gauges to visualise pressure or load in your hydraulic system to work safer.

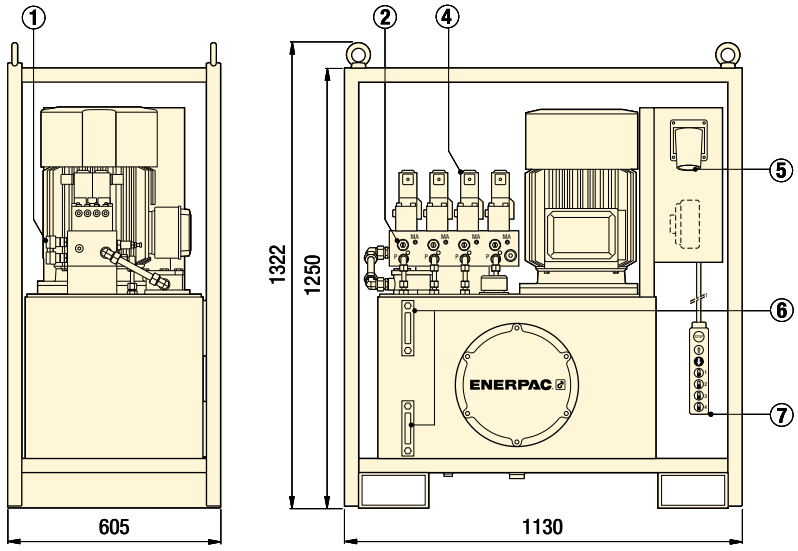


Hoses and Couplers

Enerpac offers a complete line of high quality hydraulic hoses. To ensure the integrity of your system, specify only genuine Enerpac System Components.



SFP-Series with 40 litres reservoir (shown with 4 split flow outlets)



SFP-Series with 150 litres reservoir (shown with 4 split flow outlets)

Number of Split Flow Outlets	Reservoir Size (litres)	Oil Flow per Outlet @ 700 bar (l/min)	Pump Model Number 4/3 Valve Operation Advance/Hold/Retract Manual (Joystick)	Pump Model Number 4/3 Valve Operation Advance/Hold/Retract 24 V Solenoid (Pendant)	Motor Size 400 V - 3ph 50 Hz (kW)	(kg)
2	40	1,30	SFP 213MW	–	5,5	240
			–	SFP 213SW		240
	150	2,80	SFP 228MW	–	7,5	488
			–	SFP 228SW		488
		4,20	SFP 242MW	–	11	526
			–	SFP 242SW		526
4	40	0,45	SFP 404MW	–	5,5	240
			–	SFP 404SW		240
	150	0,90	SFP 409MW	–		475
			–	SFP 409SW		475
		1,40	SFP 414MW	–	7,5	488
			–	SFP 414SW		488
		2,10	SFP 421MW	–	11	526
			–	SFP 421SW		526
6	40	0,45	SFP 604MW	–	5,5	240
			–	SFP 604SW		240

SFP Series



Reservoir Capacity:
40 - 150 litres

Split Flow Outlets:
2, 4 and 6 outlets

Flow at Rated Pressure:
0,45 - 4,20 l/min

Maximum Operating Pressure:
700 bar

① Manifold with split flow outlets and CR-400 couplers
② Adjustable pressure relief valve per circuit
③ Manual 4/3 control valves with joysticks
④ Solenoid 4/3 control valves (24 VDC)
⑤ 3+N+PE 400V 16A plug
⑥ Oil sight gauge(s)
⑦ Remote control pendant with 10 meter cable.



Lifting Cylinders

For a complete line of Enerpac cylinders, see the Cylinder and Lifting Products in our catalogue.



Lifting an unbalanced load?

See the Enerpac **EVO-Series** modular PLC-controlled synchronous lifting systems to control 4, 8 or 12 lifting points.

▼ *Split flow pump used to operate double-acting cylinders to lift steel bridge segments.*



700 bar Split Flow Hydraulic Pumps



The Industrial Tools Line

Cylinders and Lifting Products
- General Purpose
- Aluminium Lightweight
- Pancake
- Flat-Jac®, Low Height
- Pull
- Hollow Plunger
- Precision
- Long Stroke
- High Tonnage
- POWR'RISER® Lifting Jacks
- Jacks
- Cylinder-Pump Sets

Pumps
- Manual
- Cordless & Electric Driven
- Compressed Air Driven
- Petrol Driven

System Components
- Hoses, Couplers, Oil
- Gauges, Adaptors
- Manifolds, Fittings

Valves
- 3-and 4-Way Directional
- Pressure and Flow Control

Presses
- Bench, Workshop, Roll Frame
- Arbor and C-Clamps
- Tension Meters, Load Cells

Pullers
- Master Pullers Sets
- Multi Purpose Puller Sets
- Posi Lock® Pullers

Tools
- Maintenance Sets
- Punches
- Machine Lifts
- Lifting Wedge
- Load Skates
- Cutters
- Pipe Benders
- Wedgie, Spreaders

Bolting Tools
- Multipliers
- Torque Wrenches
- Impact Sockets
- Bolt Tensioners
- Wrench and Tensioner Pumps
- Flange Alignment Tools
- Flange Facing Tool
- Nut Splitters

Enerpac Bolting Service Van

Enerpac Worldwide Locations

For a complete list of addresses see:
www.enerpac.com/en/contact-us

About Enerpac

Enerpac is the leading global provider of high-pressure hydraulic tools and solutions with a broad range of products, local expertise and worldwide distribution network. With a proven track record in a wide range of markets, Enerpac designs and manufactures high-quality tools and solutions for all industrial applications.

Enerpac has gained unique experience in delivering hydraulic solutions for the controlled movement and positioning of heavy objects. Enerpac supports your business by offering the right solutions and service to help you get your work done efficiently and safely.

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To find the name of the closest Enerpac distributor or service center, to request literature or technical application assistance, contact Enerpac at one of the addresses on www.enerpac.com or pose your question through E-mail: info@enerpac.com



Enerpac Integrated Solutions

Enerpac Integrated Solutions provides customers with tailored solutions, combining hydraulics, steel fabrication and electronic control technology. Global Leader providing best in class solutions for safe and precise positioning of heavy loads.

- Synchronous Lifting Systems
- Stage Lifting and Climbing Systems
- Bridge Launching Systems
- Synchronous Hoisting Systems
- Hydraulic Gantries
- Heavy-Lifting Strand Jacks
- Skidding Systems
- Self-Erecting Towers
- Chain Pulling Systems.

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info@enerpac.com
www.enerpac.com

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