

▼ 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 litres.

▼ 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

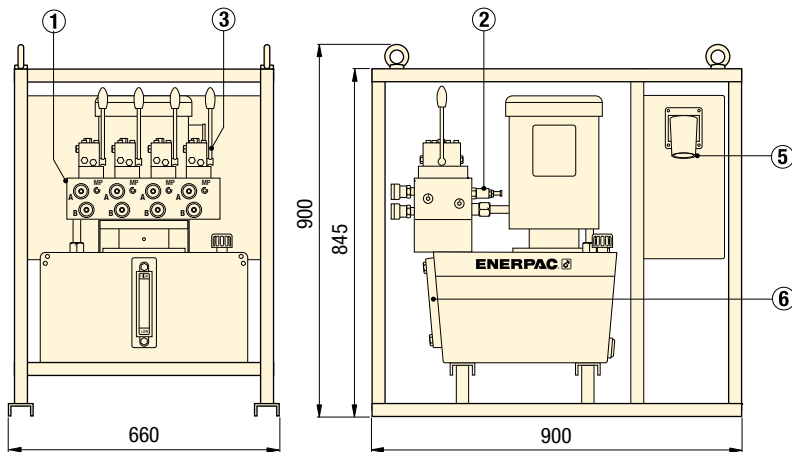
Always use gauges to visualise pressure or load in your hydraulic system to work safer.



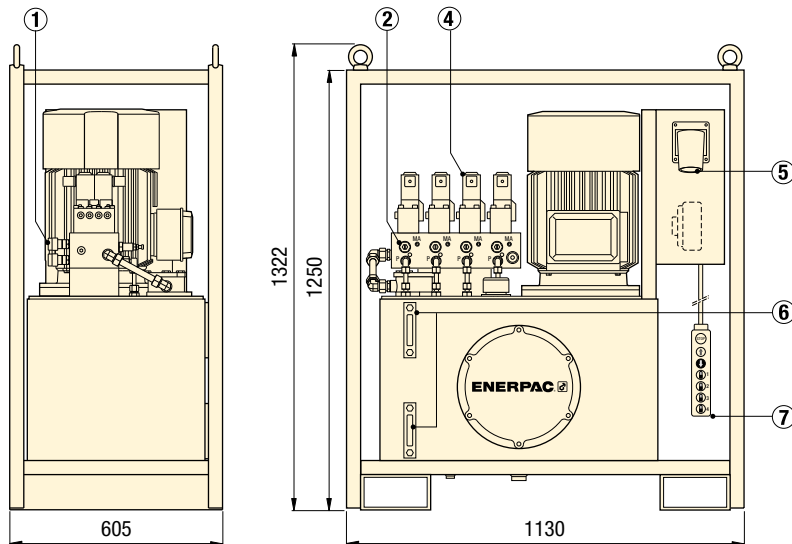
Hoses and Couplers

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

700 bar Split Flow Hydraulic Pumps



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		Motor Size 400 V - 3ph 50 Hz (kW)	Weight (kg)
			Manual (Joystick)	24 V Solenoid (Pendant)		
2	40	1,30	SFP 213MW	–	5,5	240
			–	SFP 213SW		240
	150	2,80	SFP 228MW	–	7,5	488
			–	SFP 228SW		488
4	40	0,45	SFP 404MW	–	5,5	240
			–	SFP 404SW		240
	150	0,90	SFP 409MW	–	7,5	475
			–	SFP 409SW		475
6	40	1,40	SFP 414MW	–	11	488
			–	SFP 414SW		488
	150	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.

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Lifting an unbalanced load?

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

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

