

Series
FPT SPLIT FLOW | Hydraulic pump with
independent outlets



PRODUCT
PAGE

For synchronous lifting

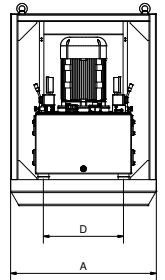
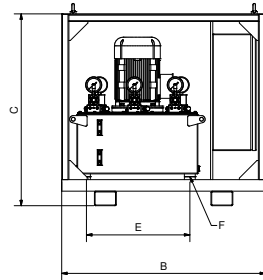
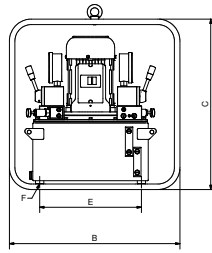
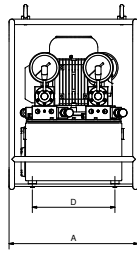
**CUSTOM HYDRAULIC PUMPS
ON REQUEST**



- Split Flow power units allow to perform synchronous lifting and lowering operations of irregular and unbalanced loads.
- Can handle 2 - 4 - 6 and 8 single or double effect cylinders.
- Piston pump with independent outputs ideal for carrying on lifting operations where high accuracy load leveling is required.
- $\pm 3\%$ accuracy on the nominal stroke when lifting with single-acting cylinders and during lifting and lowering with double-acting cylinders.
- Available manual or electric valves with related control pendant and counter-balance valves for load control during descent.
- The split flow hydraulic pumps have tanks from 10 to 150 liters and allow to operate a wide range of medium and high tonnage cylinders. It finds its ideal use in large lifts, in infrastructural construction, heavy carpentry and in industry and in all sectors where there is a need to manage a load.

FPT SPLIT FLOW

700 bar
Single stage
0,4 - 0,9 l/min oil flow
10 to 60 l oiltank capacity



FPT SPLIT FLOW-HF

700 bar
Single stage
1,3 - 2 l/min oil flow
150 l oiltank capacity

SPLIT FLOW






SPLIT FLOW-HF

MODEL	OUTPUTS	MAX WORKING PRESSURE	OIL DISPLACEMENT PER OUTPUT	MOTOR	KW RPM
		bar	l/min		
FPT 2x0,9 - ME2	2	700	0,9	THREE-PHASE 2 POLES	2,2 / 2850
FPT 2x0,9 - ME21	2		0,9	SINGLE-PHASE 2 POLES	
FPT 4x0,4 - ME2	4		0,4	THREE-PHASE 2 POLES	
FPT 4x0,4 - ME21	4		0,4	SINGLE-PHASE 2 POLES	11 / 1450
FPT 4X2 - ME4-HF	4		2	THREE-PHASE 4 POLES	
FPT 4X2 - ME4-HF	6		1,3	THREE-PHASE 4 POLES	
FPT 4X2 - ME4-HF	8		1,3	THREE-PHASE 4 POLES	

OILTANK CAPACITY	DIMENSIONS (mm)			WEIGHT
	A	B	C	kg
10	870	600	600	51
20	870	600	600	64
40	935	580	740	91,8
60	1085	580	740	113,8
150	1000	1400	1320	438

OILTANK CAPACITY	DIMENSIONS (mm)						WEIGHT
	A	B	C	D	E	F	Kg
10	405	480	580	300	300	M8	36
20	380	500	540	300	370	M8	49
40	610	490	540	500	370	M8	69
60	860	490	540	750	370	M8	91

Split flow pump's dimensions – WITHOUT PROTECTION CAGE | Split flow pump's weight are consider – WITHOUT OIL

PICTURE	CODE	NAME	DESCRIPTION
	CD	Remote control	To switch on / off the motor and control the valve remotely, 5 meters long electric cable.
	RF	Unidirectional flow control valve	This valve allows the free flow of oil in one direction and intercepts it in the opposite direction when completely closed. When opened the flow is free in both directions.
	G	Cage	Protection frame with wheels to facilitate the transport of the pump and protect it from accidental impacts.
	GR	Cage with wheels	Protection frame to facilitate the transport of the pump and protect it from accidental impacts.
	M100	Pressure gauge	Pressure gauge 0/1000 bar – Ø 100 mm – thread ½" GAS
NO OIL	SO	No oil	Pump supplied with no oil