

VASI supplies products and equipment for the bolting sector including a wide range of pumps for operating hydraulic torque wrenches, with electric and pneumatic motors suitable for all customer bolting needs. The pumps can be made in three versions: compact, standard and high flow. In the compact version, they are equipped with a 5 or 10 liter tank and have a single phase or air powered electric motor. And they can be equipped with various accessories like the Q block for the use of 4 hydraulic torque wrenches at the same time, the heat exchanger – cooler or the automatic cycle. The level indicators allow the operator to monitor the oil; the transport cage ensures greater protection and ease of transport. They are the ideal pumps for maximum maneuverability and portability. In the standard version they are suitable for more heavy-duty uses and can be completely customized. While in the high flow version they are the ideal solution for intensive operations where it is necessary to have maximum speed during tightening operations. Compact, high pressure hydraulic power packs, large, high flow rate for use with multiple hydraulic torque wrenches at the same time and many other possible configurations.



## Compact electric and pneumatic pumps for torque wrenches

(Series FPT-HTW-C)

FPT-HTW-C Series is a compact pump that provide the power for your torque wrenches.

- The FPT-HTW-C10 Series is available in both single port models for single tool operation and quad port models for running up to four tools contemporaneously.
- The sight glasses enable operator to monitor reservoir oil levels and the transport cage for all around protection and easy handling.
- The hydraulic pump for torque wrenches is available in electric or air version, with different 2-Stage delivery.
- For this model are available different accessories. For both version the heat exchanger, the quick connect couplers and the twin houses, for FPT9-HTW-C10 the quad block and the auto cycle – for automatic operation. It is also possible the totally customize the pump up to the customers' needs.
- 51001 and 51003 are in stock.



CODE	MODEL	PRESSURE	OIL FLOW	MOTOR	TENSION/ FREQUENCY	POWER/ RPM	TANK CAPACITY	DIMENSIONS in mm			WEIGHT
		1°/2° STAGE						bar	l/min	A	
51001	FPT9-ME41-HTW-C05	80/700	3,5/0,45	MONO PHASE ELECTRIC	230V-50Hz	0,75/1370	5	265	425	405	29
51002	FPT9-ME41-HTW-C05-SC	80/700	3,5/0,45	MONO PHASE ELECTRIC	230V-50Hz	0,75/1370	5	265	425	405	34
51088	FPT9-ME21-HTW-C05-SC	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	5	265	425	405	34
51003	FPT9-MA-HTW-C05	80/700	5,6/0,65	PNEUMATIC	-	1,3/3000	5	265	425	405	27
51004	FPT9-ME21-HTW-C10	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	36
51005	FPT9-ME21-HTW-C10-SC	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	40
51006	FPT9-ME21-HTW-C10-Q	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	38
51008	FPT9-ME21-HTW-C10-SC-Q	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	43
51009	FPT9-ME21-HTW-C10-SC-Q-AC	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	44
51011	FPT9-ME21-HTW-C10-AC-SC	80/700	7,5/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	320	485	480	42
51012	FPT9-MA-HTW-C10	80/700	7,9/0,9	PNEUMATIC	-	3/3000	10	320	485	480	34
51013	FPT9-MA-HTW-C10-Q	80/700	7,9/0,9	PNEUMATIC	-	3/3000	10	320	485	480	36

## Pumps for torque wrenches electric and pneumatic

(Series FPH-HTW)

FPH-HTW Series are the most used hydraulic pumps for torque wrenches and provide the power for your torque wrenches low profile or square drive.

- The hydraulic pump is available in electric or pneumatic version, with different 2-Stage delivery.
- The transport cage guarantee all around protection and easy handling.
- This torque wrenches pumps are available with different accessories: the heater exchanger, the quad block, the automatic cycle, quick couplers and twin hoses.
- This pump model can moreover be totally personalized:
  - Pumps for hydraulic torque wrenches ATEX version
  - hour counter
  - different cages
  - timer
  - multiple switches
  - different tanks
  - different tension and frequency



CODE	MODEL	PRESSURE	OIL FLOW	MOTOR	TENSION/ FREQUENCY	POWER/ RPM	TANK CAPACITY	DIMENSIONS in mm			WEIGHT
		1°/ 2° STAGE						A	B	C	
		bar	l/min			kW/rpm	litres				kg
51014	FPH5-ME21-HTW	80/700	4/1,6	MONO PHASE ELECTRIC	230V-50Hz	2,2/2850	10	372	470	725	42
51015	FPH5-ME2-HTW	80/700	4,5/1,8	THREE PHASE ELECTRIC	400V-50Hz	2,2/2850	10	372	470	725	40
51016	FPH5-MA-HTW	80/700	5,4/1,8	PNEUMATIC	-	3/3000	10	372	470	725	34
51017	FPH9-ME21-HTW	80/700	7,2/0,9	MONO PHASE ELECTRIC	230V-50Hz	1,5/2850	10	350	460	610	38
51018	FPH9-ME2-HTW	80/700	7,2/0,9	THREE PHASE ELECTRIC	400V-50Hz	1,1/2850	10	350	460	610	37
51019	FPH9-MA-HTW	80/700	7,9/0,9	PNEUMATIC	-	1,3/3000	10	350	460	610	33

## High flow pumps for torque wrenches

(Series FPH-HTW-HF)

FPH-HTW-HF Series is a pump for torque wrenches with a very high flow typically used for intensive job with multiple tools.

- The pump is available on three-phase version with 15 l/min at 100 bar and 3 l/min at 700 bar.
- The pump is equipped with protection cage and wheels for easy movements.
- Standard for this model are: heater exchanger, quad block manifold and oil return filter.
- There are also available different accessories: automatic cycle, quick couplers and twin hoses.
- The FPT-HTW-HF can also be equipped with different pumps and flow related to the torque specifications.

The HF model is the perfect torque wrenches pump when the operators need to perform a lot of torque operations and for a long time. One of the typical use is to torque nuts of big ball valves.



CODE	MODEL	PRESSURE	OIL FLOW	MOTOR	TENSION/ FREQUENCY	POWER/RPM	TANK CAPACITY	DIMENSIONS in mm			WEIGHT
		1°/ 2° STAGE						A	B	C	
51086	FPT15-ME4-HTW-HF40	100/700	15/3	THREE PHASE	400V-50Hz	4/1450	40	500	800	940	100
51087	FPT15-ME4-HTW-HF40-AC	100/700	12/3	THREE PHASE	400V-50Hz	4/1450	40	500	800	940	100