



HTP 44000 – THREE-PHASE ELECTRIC ENGINE

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SKU: 44001

Categories: [Building Pumps](#), [Hydraulic piston airless pumps](#)

Dati Tecnici:

Power: 5.5 kW

Flow rate with MAX nozzle: 12.5 l/m

MAX pressure: 280 bar

Pipe elevation MAX: 150 m

Suggested MAX viscosity: 50,000 / 65,000 mPas

Stroke volume: 260 cc

Voltage: 380V/50Hz

MAX flow rate: 14.2 l/m

MAX nozzle size: 0.072

Max. hose length: 150 m

Weight: 110 kg

Gasket pack: mobile

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DESCRIZIONE DEL PRODOTTO

HYDRAULIC PISTON PUMP , 280 BAR, 14.2 L / M, DIRECT IMMERSION, THREE-PHASE 400 V ELECTRIC ENGINE, COMPLETE WITH CART AND LINE FILTER.

HTP 44000 is an airless hydraulic piston pump with three-phase 400 V electric engine. The feature that sets it apart is its powerful suction that allow to manage very viscous products. Designed for application across the thixotropic products in the building industry, for waterproofing, for the industrial carpentry, for fire retardants etc ...

Ideal for plasterers who want to use innovative walls plastering technology.

HTP 44000 ensures maximum efficiency and a long service life.

CONSTRUCTION FEATURES:

All parts in contact with product are made of stainless steel for added security. HTP 44000 is designed for quick and easy maintenance. HTP 44000 MOTORE ELETTRICO è stata progettata per una manutenzione facile e veloce.

PERFORMANCES:

- Ideal for large jobs.
- Slower and longer cycles for better durability.
- Ultra-high-volume hydraulic system for perfect performance even under the toughest working conditions.
- The cylinder and relief valve are screwed on by hand for faster and easier maintenance.
- chrome-plated pistons and cylinders.
- New self-regulating seal-packing system, that eliminates the problem of premature wear due to continuous manual adjustments.

The airless system allows a greater pulverization speed and a significant reduction in overspray, consequently

a reduction in paint and solvent consumption.

A decrease in overspray reduces pollution with benefits to the operator and the environment.

TECHNICAL OVERVIEW

AIRLESS PROCESS

A piston pump takes in the coating material by suction and conveys it to the tip. Pressed through the tip at a pressure of up to a maximum of 280 bar, the coating material is atomised. This high pressure has the effect of micro fine atomization of the coating material. As no air is used in this process, it is described as an AIRLESS process. This method of spraying has the advantages of finest atomization, cloudless operation and a smooth, bubble-free surface.

As well as these, the advantages of the speed of work and convenience must be mentioned. Oltre a questi, vanno menzionati i vantaggi della velocità di lavoro e della convenienza.

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VISCOSITY

The unit is able to process coating materials with up to 50.000 / 65.000 mPas. If highly viscous coating materials cannot be taken in or the performance of the unit is too low, the paint must be diluted in accordance with the manufacturer's instructions. Attention: Make sure, when stirring up with motor-driven agitators that no air bubbles are stirred in. Air bubbles disturb when spraying and can, in fact, lead to interruption of operation.

TWO-COMPONENT COATING MATERIAL

The appropriate processing time must be adhered to exactly. Within this time rinse through and clean the unit meticulously with the appropriate cleaning agents. Entro questo tempo risciacquare e pulire l'unità meticolosamente con i detergenti appropriati.

FUNCTIONING OF THE UNIT

W.I.T. HTP Series are high-pressure spraying units driven by either a gasoline engine or electric motor.

The gasoline engine or electric motor drives the hydraulic pump by means of a V-belt which is under the belt

cover. Hydraulic oil flows to the hydraulic motor and then moves the piston up and down in the material feed pump. L'olio idraulico scorre verso il motore idraulico e quindi muove il pistone su e giù nella pompa di alimentazione del materiale. La valvola di aspirazione viene aperta automaticamente dal movimento verso l'alto del pistone. La valvola di scarico è aperta quando il pistone si muove verso il basso.

The pressure control valve controls the volume and the operating pressure of the coating material. When the coating material comes out of the 'nozzle it atomizes.

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APPLICATION

The main area of application are thick layers of highly viscous coating material for large areas and a high consumption of material. Priming and final coating of large areas, sealing, impregnation, construction sanitation, façade protection and renovation, rust protection and building protection, roof coating, roof sealing, concrete sanitation, as well as heavy corrosion protection. Primer e rivestimento finale di grandi superfici, impermeabilizzazione, impregnazione, risanamento di edifici, protezione e rinnovamento della facciata, protezione dalla ruggine e protezione degli edifici, rivestimento del tetto, impermeabilizzazione del tetto, risanamento del calcestruzzo e protezione dalla corrosione.

COATING MATERIALS WITH ABRASIVE MATERIALS

These particles have a strong wear and tear effect on valves and tips, but also on the spray gun. This impairs the durability of these wearing parts considerably. Ciò compromette la durata di queste parti che dovranno essere sostituite più frequentemente.

FILTERING

Sufficient filtering is required for fault-free operation. The unit is equipped with a suction filter, an insertion filter in the spray gun and a high pressure filter on the unit. Regular inspection of these filters for damage or soiling is urgently recommended. L'unità è dotata di un filtro di aspirazione, un filtro nello pistola e un filtro ad alta pressione sull'unità. Si raccomanda l'ispezione regolare di questi filtri per prevenire danni o sporco.