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Технические характеристики на строительные гидравлические поршневые безвоздушные окрасочные аппараты, двухкомпонентные окрасочные аппараты HYDRA компании **TAIVER**



HYDRA

SKU: 021600

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

Dati Tecnici:

Power: 3 hp (2.2 kW)

Flow rate with MAX nozzle: 6.5 l/m

MAX pressure: 220 bar

Pipe elevation MAX: 100 m

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

Stroke volume: 73 cc

Voltage: 230V/50Hz

Amperage: Max 16 A

MAX flow rate: 8 l/m

MAX nozzle size: 0.048

Hose length MAX: 100 m

Weight: 90 kg

Gasket pack: mobile

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DESCRIZIONE DEL PRODOTTO

FEATURES

HYDRA is an electric airless hydraulic piston pump, designed for the uncompromising spraying of all thixotropic products in construction, waterproofing, industrial carpentry, etc. Ideal for plasterers who intend to make use of new wall plastering or plastering technologies. HYDRA guarantees maximum efficiency and long life. The electric motor that controls the hydraulic pump is in class H, that is to say: maximum quality and safety. It can also work in harsh conditions and at high ambient temperatures. An automatic system cuts off the power when electrical safety limits are about to be exceeded. All parts in contact with the product are made of stainless steel and tungsten carbide to ensure greater safety.

STANDARD SET UP



high pressure hose ø 6 mm, length 10 m. (ref. 060020)



airless gun W650TOP (ref. 077400)



self cleaning tip c/w seal and guard (ref. 69AXXX)

APPLICATIONS

Acrylic, Rustproofing, Bituminous Coatings, Elastomers, Emulsions, Fixatives, Funds, Plasters, Water-based paints, Fireproof Coatings, Waterproofing Coatings, Impregnating Coatings, Encapsulants Coatings, Self-leveling plaster, Premixed plaster, Intumescent, Insulators, Lacquers, Primer, Plasters, Epoxy resins, Fillers, Enamels, Ready-mix Plasters, Paints

APPLICATION'S FIELD

Internal and External Painting • Plaster Application • Renovations • Waterproofing • Painting • Roof painting

HYDRA SERIES

HYDRA series are new electric airless hydraulic piston pumps, high power, designed for spraying and injecting with no compromise all products used in building, mechanics, woodworkings, and carpentry. These really are

very strong and reliable pumps . Sono apparecchiature che rappresentano il massimo in fatto di qualità, prestazioni, robustezza ed affidabilità.

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 3300 PSI (228 bar, 22.8 MPa), 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.

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.

FUNCTIONING OF THE UNIT

W.I.T. HYDRA 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. The inlet valve is opened automatically by the upwards movement of the piston. The outlet valve is opened when the piston moves downward. The coating material flows under high pressure through the high-pressure hose to the spray gun. When the coating material exits from the tip it atomizes. The pressure control valve controls the volume and the operating pressure of the coating material.

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.



HYDRA MAX 3

Category: Airless hydraulic piston pumps, Airless hydraulic piston pumps, Bi-component pumps, Construction pumps, Injection pumps, Bi-component injection series

SKU: N/A

Categories: [Building Pumps](#), [Hydraulic piston airless pumps](#), [Two-component pumps](#), [Hydraulic piston airless pumps](#), [Injection pumps](#), [Bi-component injection series](#)

Dati Tecnici:

Power: 5.5 kW

MAX pressure: 120 bar

Pipe elevation MAX: 100 m

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

Voltage: 400V/50Hz

Amperage: Max 16 A

Mixing ratio: 1:1 + 3rd WASHING PUMP

MAX flow rate: 50 l/m + 3rd flushing pump

Hose length MAX: 100 m

Weight: approx. 140 kg

Gasket pack: mobile

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DESCRIZIONE DEL PRODOTTO

High delivery output airless injection pump, electro-hydraulically actuated piston, bi-component 1:1 ratio with 3rd flushing pump, three-phase electric motor.

Bi-component electro-hydraulic airless pump, 1:1 ratio with 3rd flushing pump, very high delivery output, suitable for very high density material injection. Hi pressure hoses diam. 1/4", 3/8", 1/2". Available with three-phase electric motor or gas engine motor. Trolley c/w pneumatic wheels and rotating pump support, in order to facilitate transport and handling. The third flushing pump allows quick cleaning of the pipes and the 3-way mixer. HYDRA MAX 3 is actually the most performing airless electro-hydraulic bi-component injection pump in the world-wide market.

Highlights:

1. High delivery output strokes.
2. Chrome-plated pistons and cylinders.
3. All parts in contact with the fluid are in stainless steel.
4. T.C. (tungsten carbide) big valve seats.
5. New self-adjusting seal packs.
6. High volume hydraulic system.
7. Innovative mechanical cooling system.
8. Smaller overall dimensions.



HYDRA TURBO TWIN

SKU: 21460

Categories: [Building Pumps](#), [Hydraulic piston airless pumps](#), [Two-component pumps](#), [Hydraulic piston airless pumps](#), [Injection pumps](#), [Bi-component injection series](#)

Dati Tecnici:

Power: 2.6 kW or 5.5 kW

Flow rate with MAX nozzle: 6.5 l/m per pumping unit

MAX pressure: 220 bar

Pipe elevation MAX: 100 m

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

Stroke volume: 73 cc

Voltage: 230V/50Hz or 400V/50Hz

Amperage: 13A-16A

Mixing ratio: continuously variable (0:1 to 1:1)

MAX flow rate: 9 l/m per pump

Hose length MAX: 100 m

Weight: approx. 100 kg

Gasket pack: mobile

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DESCRIZIONE DEL PRODOTTO

Electro-hydraulic pump with 2 independent pumps, for the simultaneous application of products with different characteristics such as viscosity or colour.

Able therefore, in the field of industrial painting, to independently feed 2 OPERATORS with 2 AIRLESS PISTOLS simultaneously.

Effective particularly in the field of BI-COMPONENT RESIN injections with fixed or variable ratio, from 0 to over 200 bar.

The 2 pumps are continuously adjustable, independently of each other, to obtain any mixing ratio of the two products A and B, from 0:1 to 1:1.



HYDRA BI-MIX

SKU: 21450

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

Dati Tecnici:

Power: 3 hp (2.2 kW)

Flow rate with MAX nozzle: 13 l/m

MAX pressure: 120 bar

Pipe elevation MAX: 100 m

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

Voltage: 230V/50Hz

Amperage: Max 16 A

Mixing ratio: 1:1

MAX flow rate: 18 l/m

Hose length MAX: 100 m

Weight: 120 kg

Gasket pack: mobile

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HYDRA SERIES

HYDRA series are new electric airless hydraulic piston pumps, high power, designed for spraying and injecting with no compromise all products used in building, mechanics, woodworkings, and carpentry. These really are very strong and reliable pumps. Sono apparecchiature che rappresentano il massimo in fatto di qualità, prestazioni, robustezza ed affidabilità.

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 3300 PSI (228 bar, 22.8 MPa), 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.

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.

FUNCTIONING OF THE UNIT

W.I.T. HYDRA 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. The inlet valve is opened automatically by the upwards movement of the piston. The outlet valve is opened when the piston moves downward. The coating material flows under high pressure through the high-pressure hose to the spray gun. When the coating material exits from the tip it atomizes. The pressure control valve controls the volume and the operating pressure of the coating material.

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.



HYDRA 44000 BI-MIX

SKU: 44004

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

Dati Tecnici:

Power: 5.5 kW

Flow rate with MAX nozzle: 40 L/m

MAX pressure: 120 bar

Pipe elevation MAX: 100 m

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

Voltage: 380-400V/50-60Hz

Amperage: Max 16 A

Mixing ratio: 1:1

MAX flow rate: 50 L/m

Hose length MAX: 100 m

Weight: 130 kg

Gasket pack: mobile

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DESCRIZIONE DEL PRODOTTO

FEATURES

Bi-component electro-hydraulic airless pump, 1:1 ratio, very high delivery output, suitable for very high density material injection. Hi-pressure hoses diam. 1/4, 3/8, 1/2. Available with three-phase electric motor or gas engine motor. Trolley c/w pneumatic wheels and rotating pump support, in order to facilitate transport and handling.

HYDRA 44000 BI-MIX is actually the most performing airless electrohydraulic bi-component injection pump in the world-wide market.

APPLICATIONS

Arcylate gels, 2k resins, most of 2k coatings with mixing ratio 1:1

APPLICATION'S FIELDS

Injection • Waterproofing • Sealing • Water stopping • Infiltrations • Crack walls

DESCRIPTION

HYDRA 44000 BI-MIX is an electric airless hydraulic 2-component piston pump, 1:1 ratio. It has been designed for injecting all kind of 2-component products in building and water-proofing applications, very high delivery output.

Ideal for large jobs.

HYDRA 44000 BI-MIX is an electric airless hydraulic 2-component piston pump, 1:1 ratio. It has been designed for injecting all kind of 2-component products in building and water-proofing applications, very high delivery output.

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 3300 PSI (228 bar, 22.8 MPa), 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.

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 3300 PSI (228 bar, 22.8 MPa), 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.

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. HYDRA series hydraulic pumps are high-pressure spraying units driven by a petrol 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. The hydraulic oil flows to the hydraulic motor and then moves the piston up and down in the material feed pump.

The intake valve is opened automatically by the upward movement of the piston. The exhaust valve is open when the piston moves downwards.

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.

The pressure control valve controls the volume and operating pressure of the coating material.

APPLICATION

The main areas of application are those requiring thick layers of highly viscous coating material for large surfaces and high material consumption.

Primer and top coating of large surfaces, waterproofing, impregnation, building renovation, façade protection and renovation, rust protection and building protection, roof coating, roof waterproofing, concrete renovation and corrosion protection.

COATING MATERIALS WITH ABRASIVE MATERIALS

These materials have a strong wear effect on valves, seals and nozzles, but also on the spray gun. This compromises the service life of these parts, which will have to be replaced more frequently.

FILTERING

Suitable filtration is required for fault-free operation. The unit is equipped with a suction filter, a filter in the gun and a high-pressure filter on the unit. Regular inspection of these filters is recommended to prevent damage or soiling.

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