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Технические характеристики на

промышленные окрасочные

аппараты, мембранные, пневматические

окрасочные агрегаты

низкого давления BOXER

компании TAIVER



W T AIRLESS Spray Painting



BOXER 32

SKU: 13006 Categories: <u>Finishing Pumps</u>, <u>Low pressure</u> pneumatic pumps, <u>Industry pumps</u>, <u>Pouring and</u> <u>extrusion</u>

Dati Tecnici:

Compression ratio: 1:1 MAX inlet air pressure: 8 bar MAX flow rate: 32 l/m



DESCRIZIONE DEL PRODOTTO

LOW PRESSURE ALUMINIUM PUMP, DOUBLE DIAPHRAGM, RATIO 1:1

Delivery: 32 l/m Thread: F 3/8

GENERAL FEATURES

Diaphragm pumps offer significant advantages over other types of pumps, such as the absence of mechanical seals and / or gaskets that are often responsible for the pump breaking under tough working conditions. These pumps are self-priming, so it is not necessary to fill the fluid suction column to operate and can be used to aspirate liquid deposits, initially having suction pipe full of air.

Maintenance is fast and simple and it's easy to replace components, which makes this type of pump equipment with a very low operating cost.

Diaphragm pumps are very versatile: different set-up are available depending on the working temperatures and fluid to aspire.



Liquid inlet & outlet	3/8"PT(BSP)
Air inlet	1/4"PT(BSP)
Air outlet	1/4"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm²); 7.25psi
Max pressure	8.3Bar(kgf/cm ²); 120psi
Working pressure advised	1.5~5Bar(kgf/cm²); 21.75psi~72.5psi
Quantity / cycle	80ml
Solid limit	Φ1.5mm
Air consumption	240Liter/Per Min. ; 8.47Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	22(L)cm x 16(W)cm x 24(H)cm
Max flow rate	8.46 Gallon/Per Min. ; 32 Liter/Per Min.



DESCRIPTION

This pump has been designed for transferring or pumping solvents, paints, inks, oil, gasoline and abrasive fluids.

In acid-proof version, it is ideal for transferring or pumping highly corrosive liquids.

The double diaphragm system enables a rapid reversal stroke, maintaining constant refilling with no pulsation. This equipment has been designed to manage any type of air gun; volumetric, automatic, HVLP, etc.



- Lightweight and compact
- No maintenance
- Very low air consumption
- No lubrication

TECHNICAL FEATURES

It is a pneumatic double diaphragm pump built for transferring and supplying all standard density liquid products. The direct suction from the source container ensures constant supplying. All parts in contact with the product are made of a special acid-resistant and flame-retardant material. No lubrication needing. High reliability.

OPERATING PRINCIPLE

The operating principle of a double diaphragm machine is based on two diaphragms' pneumatic movement. The compressed air moves the air motor which drives a shaft. Two membranes, linked to both the ends of the shaft, alternately pull in and push out the material. Air pumps operate at low pressure (from 0 to 7 bar).

APPLICATIONS' FIELD

- Mechanical Industry
- Construction
- Carpentry
- Transferring
- Chemical Industry
- Car-washing
- Printers

- Impregnating
- Lackey
- Epoxy paints
- Polyurethane paints
- Enamels
- Paints

- Water-based paints
- Solvent-based paints



BOXER 50



DESCRIZIONE DEL PRODOTTO

SKU: 13020 Categories: <u>Finishing Pumps</u>, <u>Low pressure</u> pneumatic pumps, <u>Industry pumps</u>, <u>Pouring and</u> <u>extrusion</u>

Dati Tecnici:

Compression ratio: 1:1 MAX pressure: 8 bar MAX inlet air pressure: 8 bar MAX flow rate: 50 l/m

LOW PRESSURE ALUMINIUM PUMP, DOUBLE DIAPHRAGM, RATIO 1:1

Delivery: **50 l/m** Thread: **F 1/2**

GENERAL FEATURES

Diaphragm pumps offer significant advantages over other types of pumps, such as the absence of mechanical seals and / or gaskets that are often responsible for the pump breaking under tough working conditions. These pumps are self-priming, so it is not necessary to fill the fluid suction column to operate and can be used to aspirate liquid deposits, initially having suction pipe full of air.

Maintenance is fast and simple and it's easy to replace components, which makes this type of pump equipment with a very low operating cost.

Diaphragm pumps are very versatile: different set-up are available depending on the working temperatures and fluid to aspire.



Liquid inlet & outlet	1/2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1/4"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm²) ; 7.25psi
Max pressure	8.3Bar(kgf/cm²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm ²); 21.75psi~72.5psi
Quantity / cycle	120ml
Solid limit	Φ2mm
Air consumption	400Liter/Per Min. ; 14.12Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	26(L)cm x 19(W)cm x 30(H)cm
Max flow rate	12.74 Gallon/Per Min : 48 Liter/Per Min

Diagram of Curve



DESCRIPTION

This pump has been designed for transferring or pumping solvents, paints, inks, oil, gasoline and abrasive fluids.

In acid-proof version, it is ideal for transferring or pumping highly corrosive liquids.

The double diaphragm system enables a rapid reversal stroke, maintaining constant refilling with no pulsation. This equipment has been designed to manage any type of air gun; volumetric, automatic, HVLP, etc.



- Lightweight and compact
- No maintenance
- Very low air consumption
- No lubrication

TECHNICAL FEATURES

It is a pneumatic double diaphragm pump built for transferring and supplying all standard density liquid products. The direct suction from the source container ensures constant supplying. All parts in contact with the product are made of a special acid-resistant and flame-retardant material. No lubrication needing. High reliability.

OPERATING PRINCIPLE

The operating principle of a double diaphragm machine is based on two diaphragms' pneumatic movement. The compressed air moves the air motor which drives a shaft. Two membranes, linked to both the ends of the shaft, alternately pull in and push out the material. Air pumps operate at low pressure (from 0 to 7 bar).

APPLICATIONS' FIELD

- Mechanical Industry
- Construction
- Carpentry
- Transferring
- Chemical Industry
- Car-washing
- Printers

- Impregnating
- Lackey
- Epoxy paints
- Polyurethane paints
- Enamels
- Paints
- Water-based paints
- Solvent-based paints





BOXER 180

SKU: WB180 Categories: <u>Foundry</u>, <u>Pouring and extrusion</u>

DESCRIZIONE DEL PRODOTTO

LOW PRESSURE ALUMINIUM PUMP, DOUBLE DIAPHRAGM, RATIO 1:1

Delivery: **180 l/m** Thread: **F 1**

GENERAL FEATURES

Diaphragm pumps offer significant advantages over other types of pumps, such as the absence of mechanical seals and / or gaskets that are often responsible for the pump breaking under tough working conditions. These pumps are self-priming, so it is not necessary to fill the fluid suction column to operate and can be used to aspirate liquid deposits, initially having suction pipe full of air.

Maintenance is fast and simple and it's easy to replace components, which makes this type of pump equipment with a very low operating cost.

Diaphragm pumps are very versatile: different set-up are available depending on the working temperatures and fluid to aspire.



Liquid inlet & outlet	1"PT(BSP)
Air inlet	3/8"PT(BSP)
Air outlet	3/8"PT(BSP)
Lowest pressure	0.5Bar(kgf/cm²); 7.25psi
Max pressure	8.3Bar(kgf/cm²) ; 120psi
Working pressure advised	1.5~5Bar(kgf/cm²) ; 21.75psi~72.5psi
Quantity / cycle	450ml
Solid limit	Φ3mm
Air consumption	1200Liter/Per Min. ; 42.36Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	29(L)cm x 26(W)cm x 39(H)cm
Max flow rate	47.49 Gallon/Per Min. ; 180 Liter/Per Min.



DESCRIPTION

This pump has been designed for transferring or pumping solvents, paints, inks, oil, gasoline and abrasive fluids.

In acid-proof version, it is ideal for transferring or pumping highly corrosive liquids.

The double diaphragm system enables a rapid reversal stroke, maintaining constant refilling with no pulsation. This equipment has been designed to manage any type of air gun; volumetric, automatic, HVLP, etc.



- Lightweight and compact
- No special maintenance
- Very low air consumption
- No lubrication

TECHNICAL FEATURES

It is a pneumatic double diaphragm pump built for transferring and supplying all standard density liquid products. The direct suction from the source container ensures constant supplying. All parts in contact with the product are made of a special acid-resistant and flame-retardant material. No lubrication needing. High reliability.

OPERATING PRINCIPLE

The operating principle of a double diaphragm machine is based on two diaphragms' pneumatic movement. The compressed air moves the air motor which drives a shaft. Two membranes, linked to both the ends of the shaft, alternately pull in and push out the material. Air pumps work in low pressure (0 to 7 bar)

APPLICATIONS' FIELD

- Mechanical Industry
- Construction
- Carpentry
- Transferring
- Chemical Industry
- Car-washing
- Printers

- Impregnating
- Thinners
- Inks
- Lackey
- Lackey
- Epoxy paints
- Polyurethane paints
- Enamels
- Paints
- Water-based paints
- Solvent-based paints

AIRLESS Spray Painting



BOXER 300

SKU: WB300 Categories: <u>Foundry</u>, <u>Pouring and extrusion</u>

Dati Tecnici:

Power:

Compression ratio: Max. speed Air consumption: Flow rate with MAX nozzle: MAX. pressure Pipe elevation MAX: Suggested MAX viscosity: Stroke volume: Voltage: Amperage: MAX inlet air pressure: Pressione massima dell'aria in ingresso: MAX. flow rate Nozzle size MAX: Pipe length MAX: Weight: Gasket pack: Cylinder diameter:





DESCRIZIONE DEL PRODOTTO

LOW PRESSURE ALUMINIUM PUMP, DOUBLE DIAPHRAGM, RATIO 1:1

Delivery: 300 l/m Thread: F 1 1/2

GENERAL FEATURES

Diaphragm pumps offer significant advantages over other types of pumps, such as the absence of mechanical seals and / or gaskets that are often responsible for the pump breaking under tough working conditions. These pumps are self-priming, so it is not necessary to fill the fluid suction column to operate and can be used to aspirate liquid deposits, initially having suction pipe full of air.

Maintenance is fast and simple and it's easy to replace components, which makes this type of pump equipment with a very low operating cost.

Diaphragm pumps are very versatile: different set-up are available depending on the working temperatures and fluid to aspire.



Liquid inlet & outlet	1-1/2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1°PT(BSP)
Lowest pressure	1.2Bar(kgf/cm²); 17.4psi
Max pressure	8.3Bar(kgf/cm²) ; 120psi
Working pressure advised	2~5.5Bar(kgf/cm²) ; 29psi~79.75psi
Quantity / cycle	1.45L
Solid limit	Ф4.8~6mm
Air consumption	2400Liter/Per Min.; 84.72Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	39(L)cm x 29(W)cm x 46(H)cm
Max flow rate	89.7 Gallon/Per Min. ; 340 Liter/Per Min.



DESCRIPTION

This pump has been designed for transferring or pumping solvents, paints, inks, oil, gasoline and abrasive fluids.

In acid-proof version, it is ideal for transferring or pumping highly corrosive liquids.

The double diaphragm system enables a rapid reversal stroke, maintaining constant refilling with no pulsation. This equipment has been designed to manage any type of air gun; volumetric, automatic, HVLP, etc.



- Lightweight and compact
- No special maintenance
- Very low air consumption
- No lubrication

TECHNICAL FEATURES

It is a pneumatic double diaphragm pump built for transferring and supplying all standard density liquid products. The direct suction from the source container ensures constant supplying. All parts in contact with the product are made of a special acid-resistant and flame-retardant material. No lubrication needing. High reliability.

OPERATING PRINCIPLE

The operating principle of a double diaphragm machine is based on two diaphragms' pneumatic movement. The compressed air moves the air motor which drives a shaft. Two membranes, linked to both the ends of the shaft, alternately pull in and push out the material. Air pumps work in low pressure (0 to 7 bar)

APPLICATIONS' FIELD

- Mechanical Industry
- Construction
- Carpentry
- Transferring
- Chemical Industry
- Car-washing
- Printers

- Impregnating
- Thinners
- Inks
- Lackey
- Lackey
- Epoxy paints
- Polyurethane paints
- Enamels
- Paints
- Water-based paints
- Solvent-based paints





BOXER 580

SKU: WB580 Categories: <u>Foundry</u>, <u>Pouring and extrusion</u>

DESCRIZIONE DEL PRODOTTO

LOW PRESSURE ALUMINIUM PUMP, DOUBLE DIAPHRAGM, RATIO 1:1

Delivery: **580 l/m** Thread: **F 2**

GENERAL FEATURES

Diaphragm pumps offer significant advantages over other types of pumps, such as the absence of mechanical seals and / or gaskets that are often responsible for the pump breaking under tough working conditions. These pumps are self-priming, so it is not necessary to fill the fluid suction column to operate and can be used to aspirate liquid deposits, initially having suction pipe full of air.

Maintenance is fast and simple and it's easy to replace components, which makes this type of pump equipment with a very low operating cost.

Diaphragm pumps are very versatile: different set-up are available depending on the working temperatures and fluid to aspire.



Liquid inlet & outlet	2"PT(BSP)
Air inlet	1/2"PT(BSP)
Air outlet	1"PT(BSP)
Lowest pressure	1.2Bar(kgf/cm²) ; 17.4psi
Max pressure	8.3Bar(kgf/cm²) ; 120psi
Working pressure advised	2~5.5Bar(kgf/cm²) ; 29psi~79.75psi
Quantity / cycle	2.5L
Solid limit	⊕6.4~8mm
Air consumption	3600Liter/Per Min. ; 127.08Scfm/Per Min
Inlet lift (deep)	6 m-wet ; 3.7m-dry
Assemble size	43(L)cm x 34(W)cm x 54(H)cm
Max flow rate	139.83 Gallon/Per Min. : 530 Liter/Per Min.



DESCRIPTION

This pump has been designed for transferring or pumping solvents, paints, inks, oil, gasoline and abrasive fluids.

In acid-proof version, it is ideal for transferring or pumping highly corrosive liquids.

The double diaphragm system enables a rapid reversal stroke, maintaining constant refilling with no pulsation. This equipment has been designed to manage any type of air gun; volumetric, automatic, HVLP, etc.



- Lightweight and compact
- No special maintenance
- Very low air consumption
- No lubrication

TECHNICAL FEATURES

It is a pneumatic double diaphragm pump built for transferring and supplying all standard density liquid products. The direct suction from the source container ensures constant supplying. All parts in contact with the product are made of a special acid-resistant and flame-retardant material. No lubrication needing. High reliability.

OPERATING PRINCIPLE

The operating principle of a double diaphragm machine is based on two diaphragms' pneumatic movement. The compressed air moves the air motor which drives a shaft. Two membranes, linked to both the ends of the shaft, alternately pull in and push out the material. Air pumps work in low pressure (0 to 7 bar)

APPLICATIONS' FIELD

- Mechanical Industry
- Construction
- Carpentry
- Transferring
- Chemical Industry
- Car-washing
- Printers

- Impregnating
- Thinners
- Inks
- Lackey
- Lackey
- Epoxy paints
- Polyurethane paints
- Enamels
- Paints
- Water-based paints
- Solvent-based paints



DESCRIZIONE DEL PRODOTTO

W BOXER 30 FOND (3:1)

SKU: 13031 Categories: Industry pumps, Foundry

Dati Tecnici:

Compression ratio: 36:1 MAX pressure: 288 bar Stroke volume: 550 cc MAX inlet air pressure: 8 bar MAX flow rate: 33 l/m (at 60 cycles per minute) Weight: 86 kg Cylinder diameter: 333 mm

PNEUMATIC PUMP BOXER 30 W FOUNDRY DOUBLE DIAPHRAGM, RATIO 3: 1, 30 L/M, DOUBLE-PRIMING EFFECT, COMPLETE WITH STAND, PRESSURE REGULATOR, PNEUMATIC AGITATOR, DIRECT IMMERSION.

W BOXER 30 FOUNDRY is the ideal solution to carry out those tasks in highly viscous products spraying that normal pumps 1: 1 ratios would not be able to perform. Created to meet the needs of the foundry, medium/heavy carpentry, wood industry and shipbuilding, the pump W BOXER 30 FOUNDRY is available both in aluminum anticorodal, either in stainless steel version. The direct suction from the source container ensures constant supply of the product to the gun. All parts in contact with the product are made of a special anti-acid and fire retardant material. Equipped with a high quality agitator, it avoids the occurrence of undesirable problems related to product's sedimentation, color and density variation. Nata per soddisfare le esigenze della fonderia, della carpenteria media/pesante, dell'industria del legno e della cantieristica navale, la pompa W BOXER 30 FOND è disponibile sia nella versione in alluminio anticorodal, sia nella versione inox. L'aspirazione diretta dal recipiente di origine assicura un'alimentazione costante del prodotto alla pistola. Tutte le parti a contatto con il prodotto sono costruite in materiale speciale antiacido ed ignifugo. Fotata di un agitatore di altissima qualità, evita l'insorgere di problematiche indesiderate legate alla sedimentazione e alla variazione di colore e densità del prodotto.

TYPE OF USE

- industrial painting
- painting forniture
- painting plastic
- enamels water-based
- anti-corrosion coatings
- polyurethane
- epossidic
- foundry release agents







BOXER 30 (3:1)

SKU: 13001 Categories: Foundry, Pouring and extrusion





DESCRIZIONE DEL PRODOTTO

Double diaphragm pump with 3:1 ratio, it is the ideal solution to carry out those tasks in spraying of highly viscous products that normal pumps with ratios 1:1 would not be able to perform.

Designed to satisfy the needs of medium-heavy carpentry, of wood industry, shipbuilding, the pump "BOXER 30 (3:1)" is available in aluminum anticorodal or stainless steel version . It can be equipped with tube or with tank capacity 6 lt.

CONSTRUCTION SPECIFICATIONS

W BOXER 30 3:1 is a double diaphragm pneumatic pump constructed for the transfer and the supply of all liquid products of medium/high density.

The direct suction from the source container ensures constant supplying. All parts in contact with the fluid are made of a special anti-acid and fire retardant material.

t does not require lubrication or any special maintenance. High reliability. t does not require lubrication or any special maintenance. High reliability.

PERFORMANCES:

- industrial painting
- no special maintenance
- reduced air consumption
- no lubrication

TYPE OF USE

- industrial painting
- painting forniture
- painting plastic
- enamels water-based
- anti-corrosion coatings
- polyurethane
- epossidic
- foundry release agents

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