



INDUSTRY

PNEUMATIC AIRLESS PUMPS

The airless system allows a big reduction of overspray with three important advantages: paint saving, high working speed, environmental protection.

The airless system together with T-MIX gun allows to atomize the product adjusting the fan width according to your needs. The result is a perfect atomization on all the surface!



TAIVER airless pneumatic pumps Construction specifications:

TAIVER airless pneumatic pumps use an avant-garde technology which include two patents: The instant volumetric reversal of pneumatic motor, that means a very low pressure drop during the reversal, and the simultaneous adjustment of packings. The air motor, instant volumetric reversal (Taiver patented) allows a constant atomizing pressure and a high quality finishing. Light and handy to use, have no ice problems and the air motor can work in every place without lubrication. This simultaneous adjustment, depending on the wear, allows a longer life and a better performance of the unit. The piston is hard chrome treated and all the parts in contact with the products are in stainless steel. Very easy maintenance. Tungsten carbide valves.

151 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 15:1

Max. Spray tip.: .021"

Weight: 14 Kg

Max. Delivery: 6 lt/min

Max. Delivery per cycle: 30 cm³



* **151 P** is an airless pneumatic pump of the TAIVER range, which includes two patents. 151 P is the ideal pump for spraying all kind of products used in the furniture and mechanical industry. 151 P together with T-MIX is ideal in the furniture and mechanical industry.

2900 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 30:1

Max. Spray tip.: .018"

Weight: 14 Kg

Max. Delivery: 2,9 lt/min

Max. Delivery per cycle: 15 cm³



* **2900 P** is an airless pneumatic pump especially used in the small industry and handicrafts. 2900 P is ideal for spraying lakes, paints, polyurethanes, for furniture polishing. This pump works with a pneumatic motor, Taiver patented, which doesn't need any lubrication and has no ice problems. The instant volumetric reversal of the motor allows a constant flow without pulsations.



3200 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 26:1

Max. Spray tip.: .021"

Weight: 14 Kg

Max. Delivery: 3,2 lt/min

Max. Delivery per cycle: 18 cm³



* **3200 P** is an airless pneumatic pump especially used in the small industry and handicrafts. 3200 P is ideal for spraying lakes, paints, polyurethanes, for furniture polishing. This airless pneumatic pump works with a pneumatic motor Taiver patented, which doesn't need any lubrication and has no ice problems. The instant volumetric reversal of the motor allows a constant flow without pulsations.

7000 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 30:1

Max. Spray tip.: .026"

Weight: 20 Kg

Max. Delivery: 7 lt/min

Max. Delivery per cycle: 64 cm³



* **7000 P** is an airless pneumatic pump which includes two patents. 7000 P is ideal in the wood and metal industry and in the carpentry, where a high productivity and the possibility of spraying also water-based paints are required.

12000 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 40 :1

Max. Spray tip.: .041"

Weight: 28 Kg

Max. Delivery: 11 lt/min

Max. Delivery per cycle: 61 cm³



* **12000 P** is an airless pneumatic pump built to work continuously for a high productivity! It can also handle very thick and thixotropic products. 12000 P is ideal in the big carpentry, in the mechanical industry, shipyards, where a high productivity and the possibility of spraying continuously also water-based products are required.

14000 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio: 33 :1

Max. Spray tip.: .049"

Weight: 24 Kg

Max. Delivery: 14 lt/min

Max. Delivery per cycle: 18 cm³



* **14000** is an airless pneumatic pump built to work continuously for a high productivity! 14000 P can handle all materials used in the wood and mechanical industry and in the big carpentry. 14000 P is ideal for spraying two-components, water-based and thixotropic products.

* **18000 P** is an airless pneumatic pump, built to work continuously for a high productivity! This unit can handle all types of materials: thick and thixotropic products (normally used in the shipyards), fireproofing products, water and corrosion proofing products. 18000 P is ideal in the big industry, in the big carpentry, in the mechanical industry, shipyards, where a high productivity and the possibility of working continuously are required.

Performances:

- Tungsten carbide valve seats
- Anti-wear treatment on the shaft
- Built-in line filter
- Pneumatic motor with lubrication
- Automatic adjustment of packings

18000 P

Motor Type: Pneumatic motor instant volumetric reversal

Ratio:	66:1	48:1
Air intake pressure:	6,5 bar	8 bar
Max. Delivery:	18 lt/min	25 lt/min
Volume double stroke:	115,0 ccm	150,0 ccm
Operating pressure max:	430 bar	280 bar
Diameter cylinder:	200mm	200 mm
Piston stroke:	120 mm	120 mm
Max. spray tip:	.061"	.072"
Air consumption:	600 - 2650 (lt/min)	



* **IP 281 ABRASPRAY** is the airless pneumatic pump, TAIVER patented, with revolutionary peculiarities. The product to spray is never in contact with pistons and packings. This new technology allows to spray also very abrasive paints, which normally damage the traditional airless units. IP 281 ABRASPRAY is ideal in the metal industry for spraying inorganic zinc products (also water-based products), in the ceramic industry for spraying glass powder charged or quartz powder products.

Construction specifications:

IP 281 ABRASPRAY has revolutionized the traditional airless pumps system. Thanks to the ABRASPRAY system, the product is never in contact with pistons or packings. Only the tungsten carbide valves are in contact with the abrasive product. The pneumatic motor, instant volumetric reversal, Taiver patented, has no ice problems and works without lubrication. Easy and fast maintenance!

IP 281 ABRASPRAY

Motor Type: Pneumatic motor instant volumetric reversal

Ratio:	30:1
Max. Spray tip:	.026"
Weight:	45 Kg
Max. Delivery:	10 lt/min



EXTRUSION & TRANSFER PUMPS

EXT

Motor Type: Pneumatic
Ratio: 13:1 - 35:1
Weight: 24 Kg - 28 Kg
Max. Delivery: 10 lt/min

Performances: EXT has a delivery of 10 lt/min and according to the air motor, it can be supplied with a ratio of 13:1 or 35:1.

According to your needs, it is possible to combine the pumps with a 60 lt RAM for small drums or a 200 lt RAM for big drums. EXT is also ideal for extruding products, up to a viscosity of 100.000 Centipoise.



* Two pneumatic pumps, built for the extrusion of very thick and not self-level products! Coupled with RAM they can extrude greases, silicones, very thick paste, etc... They are the ideal units in the automotive industry for sealing with silicones car-bodies, in the feed industry, shipyard, etc....

BOXER 24

Motor Type: Pneumatic
Ratio: 1:1
Weight: 6 Kg
Portata Max.: 24 lt/min
Max. Pressure: 8 Bar



Performance:

- Light and handy
- No maintenance
- Very low air consumption
- No lubrication

* **BOXER 24** is a double diaphragm pump, built for transferring or feeding solvents, paints, inks, oils and abrasive liquids. **BOXER 24** in the anti-acid version is suitable for transferring and pumping very corrosive liquids. The double diaphragm system allows an instant volumetric reversal without pulsations and keeps a constant transfer!

Construction specifications:

BOXER 24 is a pneumatic diaphragm pump, particularly suitable for transferring and feeding all liquid products or normal thick products! The direct suction from container assures a constant feed of the product. No lubrication and maintenance needed.

25000 P

Motor Type: Pneumatic motor instant volumetric reversal
Ratio: 6:1 - 16:1
Weight: 15 Kg - 19 Kg
Max. Delivery: 25 lt/min

Performances:

25000 P has a delivery of 25 lt/min and, according to the air motor, it can be supplied with a ratio of 6:1 or 16:1.

50000 P has a delivery of 50 lt/min and, according to the air motor, it can be supplied with a ratio of 3:1 or 7:1.

On request it is possible to fit a special high capacity filter in stainless steel.

50000 P

Motor Type: Pneumatic motor instant volumetric reversal
Ratio: 3:1 - 7:1
Weight: 24 Kg - 28 Kg
Max. Delivery: 50 lt/min

* The pneumatic transfer pumps **25000 P** and **50000 P** have been built after an experience of over 30 years of Taiver in the field! They are ideal for pumping and transferring foodstuffs, self-level liquids and materials, inks, oils, cataphoresis baths, any product with a viscosity up to 100.000 centipoise.



25000 P



50000 P



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