



FTVS SERIES Double-stage Transformer Vacuum Pumping System

Applications

Series FTVS Double-stage Vacuum Pumping System is a new type of vacuuming equipment developed and produced by our company. It is widely used in the process of producing vacuum condition for various equipment. Its vacuum pressure can reach much lower than any other products in the same field.

It is widely used in the vacuuming process in the production, installation and maintenance of many electric power equipment, like electric power transformer, capacitor, vacuum drying oven, etc., and is also used in the technical process of industrial production, such as vacuum drying, vacuum distillation, vacuum welding, vacuum coating etc.

It is not suitable for the vacuum process for air and gases containing too much powder and oxygen as well as explosive, corrosive, poisonous and chemical substances.

Advantages

- ✓ High automation
- ✓ Compact structure
- ✓ Lightweight
- ✓ Flexible movement
- ✓ High vacuum pumping and drying
- ✓ Low energy consumption
- ✓ Intuitive intelligent instrument display



Features

- 1) . The system consists of high performance Mechanical Booster Roots Pump + Rotary vane vacuum pump combination of vacuum pumps, so the vacuum pumping speed and pressure are obviously better than any other devices.
- 2). Working vacuum range and maximum vacuum degree are superior to other products, vacuum pressure can reach and be maintained below 50Pa (0.5mbar).
- 3). Quick startup, fast pumping speed.
- 4). Use high vacuum pump, reliable performance, large exhausting volume, high vacuity, low noise, long use span, and 24 hours continuous running ability.
- 5). Main brands of vacuum pump and boosters pumps are international famous ones etc. Which have better performance than others, so as to keep a high vacuum status for a longer time.
- 6). Advanced PLC + touch screen installed making the whole operation fully automatically and dynamic displaying the working status and values.



- 7). Equipped with a control panel with buttons and main breaker for controlling the operation of the two pumps.
- 8). Consist of necessary high quality pipelines and valves to operate the system.
- 9). It is installed with special vacuum gauge for accurate indication.
- 10). Stable and reliable operation, low noise, and easy to move.
- 11). Fully Enclosed for weather proof, can be used in outside fields (Optional).
- 12). Single-axle or Double-axle mobile trailer mounted for moving to outside conveniently (Optional).

Why Choose Us

- 1). CE, ISO, SGS verified supplier and manufacturer of vacuum pumping system.
- 2). Sophisticated experience in more than 126 countries and regions.
- 3). 24-hour online service to your inquiry and question.
- 4). Customized solutions based on various requirements.
- 5). Fast delivery to meet your urgent procurement.
- 6). Various payment terms and shipping modes to support.
- 7). 2 years warranty for all our transformer evacuation systems.

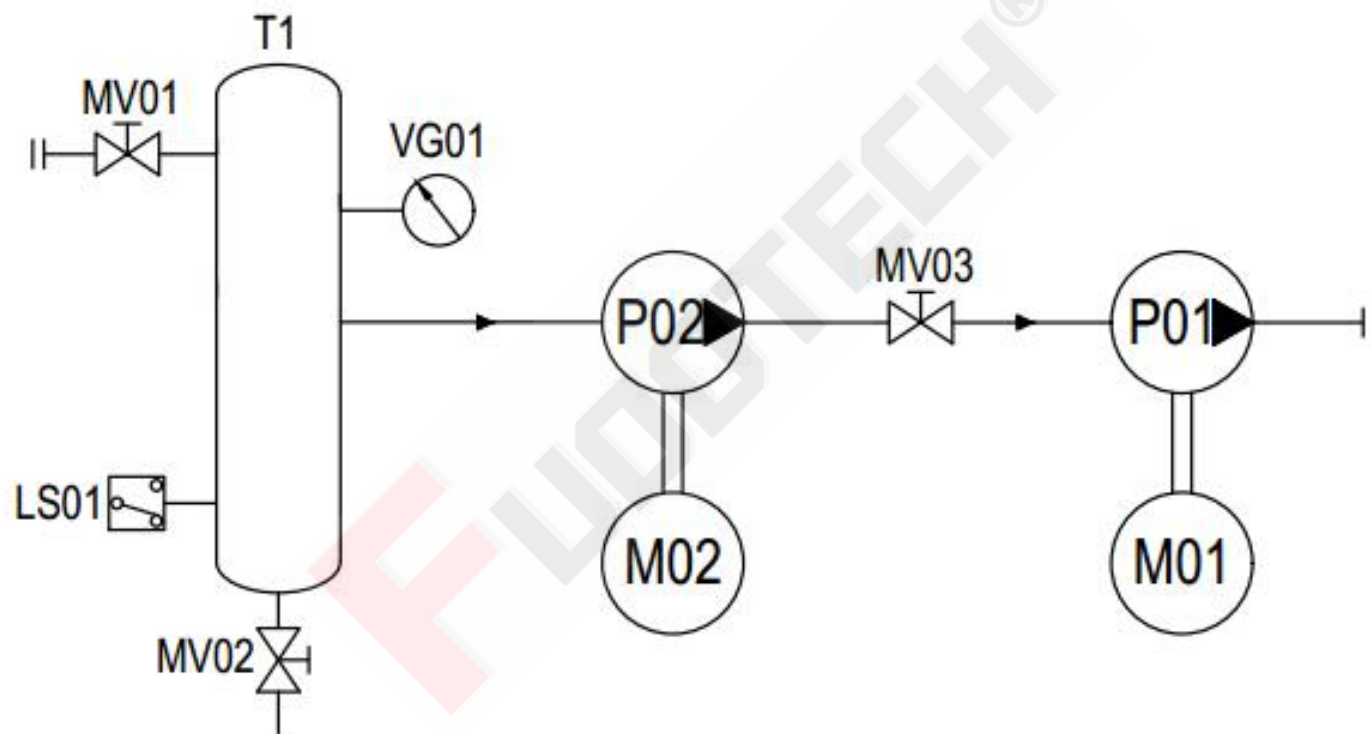


Technical Parameter

Technical Parameter	FTVS-70	FTVS-150	FTVS-300	FTVS-600	FTVS-1200
Nominal Pumping Speed (m^3/h)	250	500	1000	2160	4320
Limited pressure (Pa) for Mechanical Booster Roots pump	0.06				
Working Vacuum Degree	$\leq 50\text{Pa}$				
Ultimate Vacuum Degree	$\leq 5\text{Pa}$				
Total Electric Power (kw)	2.2	4.4	8.0	18.5	23
Roots Pump Capacity (M3/hr)	250	500	1000	2160	4320
Rotary Vacuum Pump Capacity (M3/hr)	40	100	200	300	300 + 300
Power Supply	60Hz, 380V, 3 phase – or as per your requirement				
Noise dB (A)	≤ 80				
Continuous Working	≥ 2000 Hours				
Cooling Method	Natural Air Cooled				
Gas Inlet Caliber (mm)	DN50	DN80	DN160	DN200	DN200
Gas Outlet Caliber (mm)	DN34	DN60	DN90	DN70	DN70
Overall Dimensions (cm)	125×100×140	140×110×145	170×122×166	175×145×185	175×145×185
Weight (KGS)	186	290	730	1160	1160

Note: 1. The dimension and weight will be changed with changing of technical specs.
2. All the specs can be customized according to client's requirements.

Flow Chart (for reference only)



Overseas Projects



South Africa



Pakistan



Saudi Arabia



Tanzania



Bangladesh



Malaysia



Cambodia



Dubai, UAE



Zambia



Nigeria



Laos



Zimbabwe

Packing, Delivery, Shipping, Payment Terms



Payment

T/T L/C 支付宝 Alipay™ 微信支付 WeChat Pay

WESTERN UNION MONEY TRANSFER ESCROW MasterCard VISA

Shipping & Logistics Partners:

- DHL**
- FedEx Express**
- ups**
- TNT**
- CITY-LINK Express**
- EMS 全球邮政特快专递 WORLDWIDE EXPRESS MAIL SERVICE**
- aramex**
- DPEX WORLDWIDE**

You Might Be Interested in:



FUOTECH Double-stage Vacuum Transformer Oil Filtration Machine

You Might Be Interested in:



FUOOTECH Transformer Drying Air Generator for transformer maintenance

Recommended Testers for Transformer and Transformer Oil

Part I: Oil Testers

- Transformer Oil BDV Tester
- Transformer Oil Trace Moisture Content Tester
- Transformer Oil Acidity Tester
- Transformer Oil Interfacial Tension Tester
- Transformer Oil Flash Point Tester (Open/Closed Cup)
- Transformer Oil Tan Delta Tester
- Transformer Oil DGA (Dissolved Gas Analyzer) Tester
- Transformer Oil Kinematic Viscosity Tester
- Transformer Oil Density Meter
- Transformer Oil Particle Counter
- Sf6 Gas purity and Decomposition Tester
- Portable Dew Point Meter

Part II: Transformer & HV Testers

- Transformer Load and No Load Loss Tester
- TTR Transformer Turns Ratio Tester (Portable/Handheld Type)
- Transformer DC Resistance Tester 1 ~ 100A
- Transformer Tan Delta and Capacitance Tester 0 ~ 12kV
- CT PT Analyzer
- SFRA Transformer Sweep Frequency Response Analyzer
- VLF Hipot Test Set 30 ~ 90kV
- Insulation Resistance Tester 0.25 ~ 30kV
- AC Hipot Tester
- DC Hipot Tester
- Circuit Breaker Contact Resistance Tester
- Grounding Earth Resistance Tester