

SHANGHAI FARFLY ENERGY TECHNOLOGY CO., LTD.
JIANGSU FARFLY INDUSTRIAL INTELLIGENT EQUIPMENT CO.,LTD.



SOLUTION PROVIDER ENTERPRISE PARTNER

INNOVATION FARFLY



Office Add:

Room 406-407, Building 1, CIFI International Plaza,
Lane 288, Tongxie Road, Shanghai

Tel: 0086-021-51093066

E-mail: sale@farfly.com

Linkedin: www.linkedin.com/in/farflycoatingmachine

Production base Add:

NO. 15, Beiguo Xingyuan Road, Gushan Town,
Jiangyin City, Jiangsu Province

Tel: 0086-0510-86356685



Web: www.farfly.com

Facebook homepage: @Farfly Coating Machine

Youtube homepage: Farfly Grinding and Dispersing



ABOUT FARFLY

2003
Founded in

10 million
Registered capital

26000 square metres
Production base

Farfly was established in 2003, with its headquarters located in the Hongqiao International Business District, Shanghai, and registered capital of 10 million RMB.

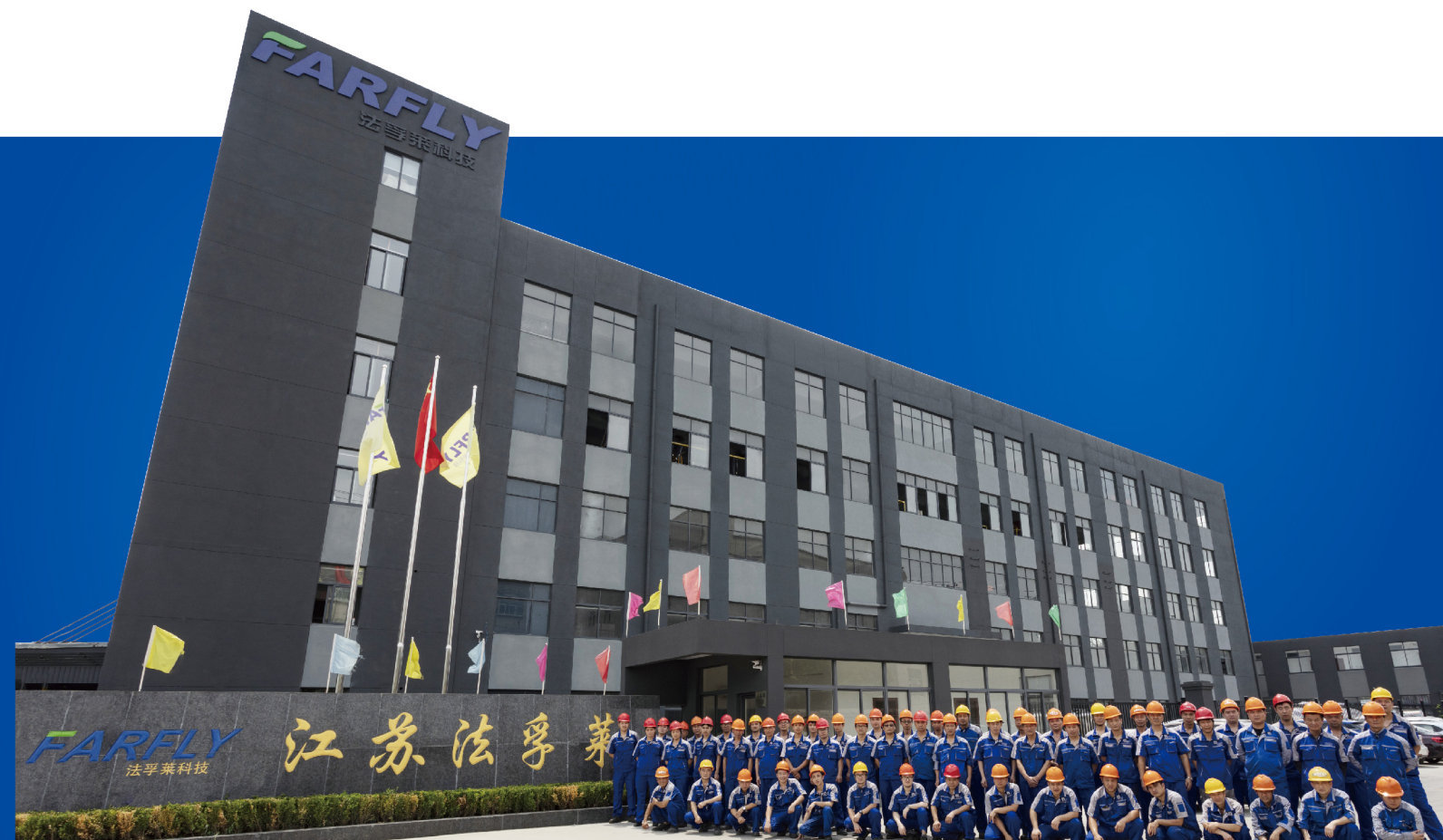
The production base is situated in Gushan Industrial Park, Wuxi, covering an area of approximately 26,000 square meters, focusing on the research and manufacturing of chemical machinery and equipment. Farfly's main products include mixing equipment, dispersing equipment, high-shear emulsifying equipment, wet grinding equipment, powder mixing equipment, Filling equipment and various types of reactors. The company possesses deep professional knowledge and technology, providing one-stop solutions tailored to customer needs, including the overall design, integration, and installation of production lines in related fields.

For over 20 years, Farfly has made its mark in more than 100 countries and regions worldwide, with export volume consistently leading the industry, demonstrating its global competitiveness. The company adheres to the principle of "Quality First, Customer Satisfaction," and continues to promote the spirit of craftsmanship that Farfly is known for, striving to create high-quality products and build a nationally recognized brand with international influence.

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- National High-Tech Enterprise
- Technology-Based Small and Medium Enterprise
- Jiangsu Provincial Private Technology Enterprise
- Specialized and New Small and Medium Enterprise
- Wuxi High-Efficiency and Low-Energy Consumption Ultrafine Grinding Equipment Engineering Technology Research Center
- ISO9001 Quality Management System Certification
- 30 Patent Certificates
- All products certified with CE
- Serving over 5,000 enterprises globally
- Provided more than 20,000 devices worldwide
- Export volume ranks first in the industry

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■ QUALIFICATIONS



■ MORE THAN 5000+ COOPERATIVE CUSTOMERS AROUND THE WORLD



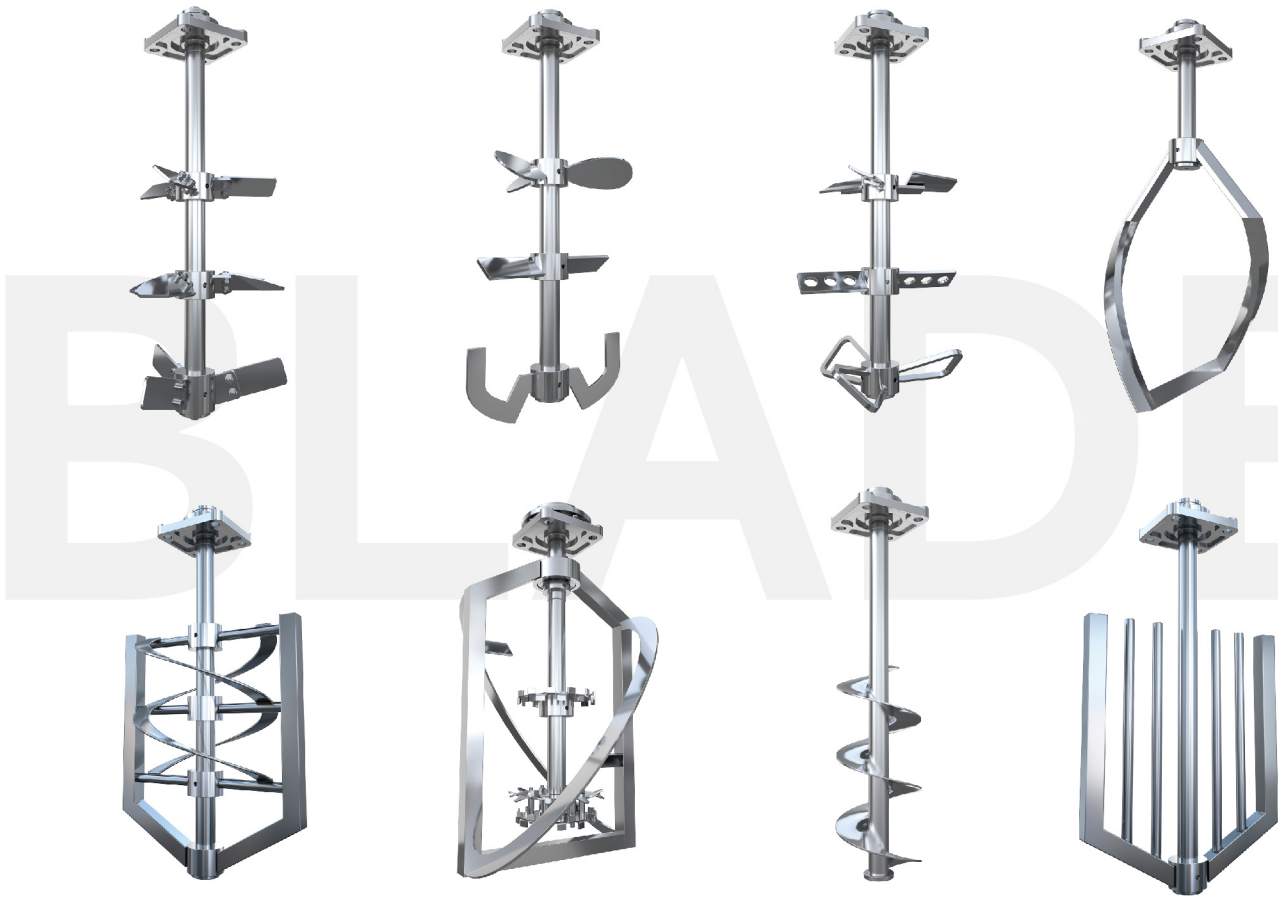
FXDJ DOUBLE PLANETARY MIXER

FXDJ double planetary mixer is an advanced equipment used for material dissolution, mixing, kneading and reaction process. It is composed of the reduction motor, the cover, the planetary frame, the mixer, the scraper, the barrel, the double-column hydraulic lifting system, the vacuum system and the frame. It is a new and efficient mixing device developed on the basis of absorbing advanced technologies in domestic and overseas. It is suitable for mixing materials in the chemical, cosmetic, pharmaceutical and other industries.



PRODUCT PERFORMANCE

- ①**Efficient mixing:** There is a scraper on the planetary frame that rotates with the planetary frame, close to the barrel wall and continuously scrapes it, so that there is no retained material on the barrel wall and the mixing effect is improved.
- ②**Flexible mixing time adjustment:** The mixing time is controlled by the user according to the properties of the material and can be adjusted through the control panel.
- ③**Easy to operate:** The cover and planetary agitator are lifted and lowered by double-column hydraulic pressure, which makes the operation smooth, fast and easy.
- ④**Applicable to vacuum environment:** This device can work under vacuum and can continuously discharge water and other substances. Therefore, it can be used as a degassing kettle.
- ⑤**Multiple heating methods:** materials can be heated or cooled by oil or water circulation as needed; steam heating is also possible. The heating temperature is displayed by the temperature controller on the control panel.
- ⑥**Wide range of applications:** Since this device has good mixing, shearing and dispersing effects, it is particularly suitable for dispersing and mixing solid-solid material, solid-liquid material, and liquid-liquid material, so it is used in chemical, food, light industry, pharmaceutical, building materials and other industries.



Technical Parameters						
Type	Stirring power(Kw)	Revolution/ rotation speed(rpm)	Dispersion power(Kw)	Dispersion speed(rpm)	Lifting power(Kw)	Vacuum pump power(Kw)
FXDJ-2	1.5	0~90/230	1.5	0~2000	0.75	0.37
FXDJ-10	2.2	0~65/170	3	0~2000	1.5	0.55
FXDJ-50	5.5	0~65/170	7.5	0~1500	1.5	1.5
FXDJ-300	15	0~65/170	22	0~1500	2.2	2.2
FXDJ-500	22	0~30/98	30	0~1500	3	4
FXDJ-1000	45	0~30/98	55	0~1500	3	7.5

FDL DOUBLE
SHAFT MIXER

High efficiency mixing equipment applicable for high viscosity, to make material dispersing, dissolving and mixing uniform. Especially for coating, ink, pigment, etc...industries.



FDT CONCENTRIC
DOUBLE SHAFT MIXER

Suitable to stir and mix the high viscosity materials in coating and printing ink industries. The frame stirring device makes the material mixed and prevents it from sticking on the walls. The high speed disperser makes the materials be mixed and dissolved adequately and the product can reach the requirement in short time.



Technical Parameters							
Type/ Parameter	FDL-200	FDL-500	FDL-600	FDL-800	FDL-1000	FDL-1200	FDL-1500
Tank capacity(L)	200	500	600	800	1000	1200	1500
High speed power(Kw)	7.5~11	18.5~22	22~37	30~55	30~55	30~75	30~90
Low speed pove(Kw)	4~4.5	7.5~15	11~30	11~37	11~37	11~45	11~55
High speed blade diameter (mm)	200	250	280	330	350	380	400
High speed shaft(rpm)	1500	1500	1500	1500	1500	1200	1000
Low speed shaft(rpm)	90~120	60~120	60~120	60~120	60~120	60~120	60~120
Max range of up and down(mm)	800	900	1000	1100	1200	1300	1400

Technical Parameters					
Type/ Parameter	FDT-150	FDT-300	FDT-500	FDT-1000	FDT-1500
Mixer motor(Kw)	4	5.5	7.5	11	15
Mixer speed(rpm)	50	40	25	25	25
Dissolver motor(Kw)	11	15	22	37	55
Dissolver speed(rpm)	1500	1500	1500	1500	1500
Tank capacity(L)	150	300	500	1000	1500

FQLF POWERFUL DISPERSING MACHINE

Strong disperser is kind of high efficient and multi-function, homogenizer mixing machine. It is the main equipment for glass glue, and widely use in the fields of adhesive, silicone sealant, silicone structural adhesive, black glue, weather resistant adhesive, mould proof glass glue, cosmetics, chemical product, battery, food, medicine and plastic industry.ect.

Strong disperser has three motors and three different type agitators in the kettle. One of the agitators rotates on the axis of the kettle body, and the other two mixing devices rotate at a high speed around the axis of their own. Cause the material to make the complex movement in the kettle, and subjected to the intense shearing and rubs together. The crapper rotates around the axis in the machine kettle, scraping out the pastes on the wall and at the bottom, making the effect more ideal. Good seal and de-foaming effect, it can make into vacuum type. The tank cover can hydraulic lifting, tank is moveable and easy operate. The type of agitator can use multilayer blades, frame, butterfly, impellers ...etc according to the materials' request. Usually adopt the inverter to adjust speed and can satisfy all kinds of technical request.



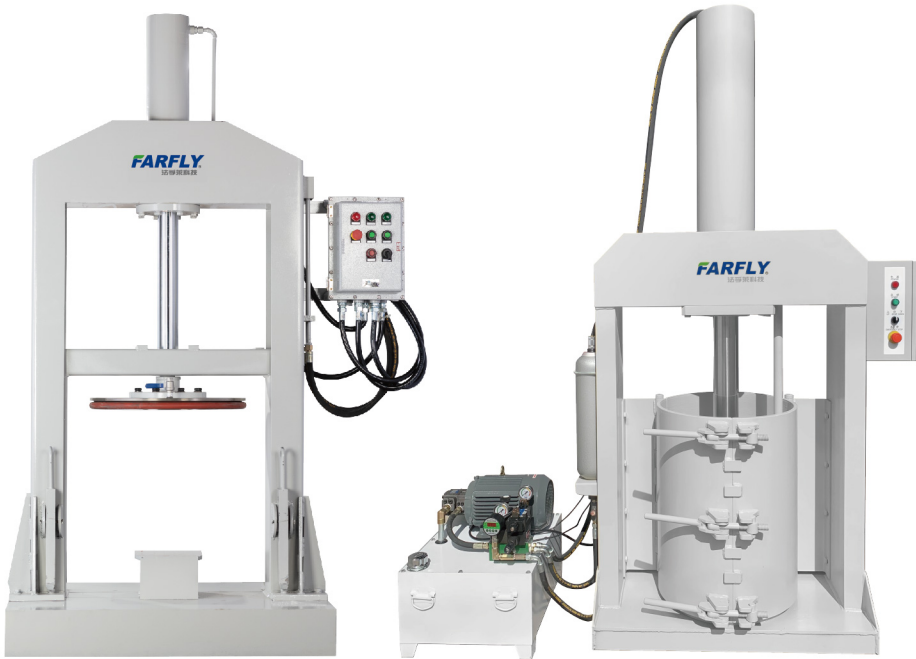
Technical Parameters					
Type	Capacity(L)	Power(kW)	Power(kW)	Speed(rpm)	Speed(rpm)
FQLF-600	600	11	22×2	0~40	0~1450
FQLF-800	800	15	22×2	0~40	0~1450
FQLF-1000	1000	18.5	30×2	0~40	0~1450
FQLF-1500	1500	22	30×2	0~40	0~1000
FQLF-3000	3000	30	37×2	0~40	0~1000
FQLF-5000	5000	45	55×2	0~40	0~1000

FYL HYDRAULIC DISCHARGING MACHINE

The hydraulic discharging machine match with double planetary driven mixer, double planetary type mixer and multifunction mixer,can realize extrusion, manual filling and transmission of high viscosity material.

PRODUCT PERFORMANCE

The hydraulic extruder is divided into two forms of single column and double column from the structure, and fixed type and lifting type from the function, and the fixed type has two forms of using the standard barrels with the hoop and using the movable tanks; The lifting type has two forms of using the press cylinder to lift and adding two lifting cylinders type; Available in different dimensions.



Technical Parameters				
Type	Diameter(mm)	Power(Kw)	Max. Pressure(Mpa)	Max. Force(T)
FYL-30	400	3	0~31	30
FYL-50	480	4	0~31	50
FYL-100	635	4	0~31	50
FYL-200	750	5.5	0~31	80
FYL-300	750	5.5	0~31	80
FYL-500	900	7.5	0~31	100
FYL-650	1000	7.5	0~31	100
FYL-850	1100	11	0~31	120
FYL-1000	1200	11	0~31	120
FYL-1300	1250	15	0~31	150
FYL-1500	1300	15	0~31	150

FBG SEMI-AUTOMATIC HORIZONTAL HARD TUBE FILLING MACHINE

Semi-automatic horizontal tube filling machine is a widely used equipment in industrial production, mainly used to accurately and efficiently fill liquid or semi-fluid materials into tube containers. The machine mainly consists of a quantitative cylinder assembly, a touch screen control panel, a vibration plate controller, an air inlet, a lid opening seat, a vibration plate, a lid opening tray, and a lid lowering track. It is widely used in food, medicine, cosmetics and chemical industries, and is suitable for the filling needs of various liquid and semi-fluid materials.

PRODUCT PERFORMANCE

- ①**Easy operation:** The operation process is simple, easy to maintain and clean, and the user experience is good.
- ②**Space saving:** Beautiful appearance, small footprint, and firm sealing.
- ③**Intelligent control:** The whole machine adopts touch screen, strict precision control and processing technology of various transmission components, and the equipment is stable and responsive.



Technical Parameters	
Power supply	220V/380V
Gas consumption	0.6Mpa
Filling volume	0-500ml
Power	2.5KW
Measuring accuracy	≤±0.5%
Production capacity	10-30 pcs/min
Machine dimensions (length, width, height)	1450*1100*1560mm
Machine weight	380KG

FAG FULLY AUTOMATIC DOUBLE-HEAD VERTICAL TUBE FILLING MAC

FAG Automatic quantitative filling machine is developed by our company based on the absorption of foreign advanced technology, aiming to improve filling efficiency and accuracy. It is mainly composed of bottle unscrambler, touch screen, cylinder, servo motor, etc. It is widely used in chemical, pharmaceutical and food industries, suitable for filling various plastic bottles with various pastes, greases, sealants, glass glue, etc.



PRODUCT PERFORMANCE

- ① **Automated operation:** automatic control, users only need to manually add bottles and bottom caps, the equipment automatically supplies bottles/automatically quantitatively fills, automatically covers/automatically presses caps/automatically unloads materials, greatly improving production efficiency.
- ② **Intelligent control:** The whole machine adopts PLC controller and touch screen, strict precision control and processing technology of various transmission parts, the equipment is stable and responsive.
- ③ **Accurate quantitative filling:** volumetric metering cylinder is adopted, and servo motor controls quantitative. The filling metering accuracy is high (error 0.5%), and the metering parameters are adjusted by touching the screen.
- ④ **Material filtration:** material filtration function, standard filtration device.
- ⑤ **Modular design:** bottle unscrambler ----filling and capping machine ----cap unscrambler.

Technical Parameters	
Type	FAG 300
Power Supply	380V/50HZ
Air Supply	≧0.5MPa
Air Consume	<0.3m 3 /min
Filling Volume	MAX 310ml Can be adjusted
Volume Precision	≤±0.5%
Productivity	15~35pcs/min
Tube Diameters	Customized
Dimensions(L×W×H)	3700×950×1900
Weight(kg)	550KG

FRG AUTOMATIC QUANTITATIVE SOFT PACKAGING MACHINE

FRG Automatic quantitative soft packaging machine. Our company developed this machine based on the absorption of foreign advanced technology. It consists of the controller, touch screen, air cylinder, servo motor, etc. It is widely used in the chemical, pharmaceutical, and food industries. It is suitable for filling various plastic film/aluminum film hoses with various pastes, greases, sealants, etc.



PRODUCT PERFORMANCE

- ①**Automated operation:** Automatic control, simple operation, aluminum film forming/heat sealing/coding/quantitative filling/buckle clamped/cutting/unloading each workstation can be completed by one device, only one person is needed.
- ②**Intelligent control:** The whole machine adopts a PLC controller and touch screen, strict precision control, and processing technology of each transmission component. The equipment is stable and responds quickly.
- ③**Fast hydraulic discharging:** The hydraulic discharging method ensures the discharging efficiency and stability of high-viscosity materials, with fast discharging speed and easy maintenance.
- ④**High flexibility:** The quantitative cylinder system is controlled by a servo motor. The filling accuracy is high and the filling volume can be adjusted at any time on the screen.
- ⑤**Good stability:** The servo motor is used to control the mechanical buckle forming system, which has good stability and high speed.

Technical Parameters	
Type	FRG
Power Supply	380V/50HZ &220V Can be selected
Air Supply	0.6-0.8MPa
Air consumption	<0.3m3/min
Filling Volume	MAX 600ml Can be adjusted
Volume accuracy	≤±0.5%
Productivity	10~25pcs/min
Tube Diameters	φ44mm/φ46mmm/φ48mm Can be selected
Dimensions(L×W×H)	1950×1150×1950
Weight(kg)	650KG