



Add: NO.16, Shuijiao Gongye Road, Lichuan, Dongcheng,
Dongguan City 523000, Guangdong CHINA

Lab Internal Mixing Machine

NEWGOER TEST EQUIPMENT

Your Lab Consultant

NG-ML Kneader Lab Internal Mixer



Summary:

The Lab Internal Banbury Mixing Machine with high technical drawings, advanced technology in China and imported core components, this machine has character itself as environmental-friendly, high-efficiency and good dispersing effect, with human-orientated design and easy to reload and clean, it has been recognized by factory lab, universities and R&D institutions for recipe researching and small-scale production. It can also be used in electric wire, cable, electronics, sole, sports equipment and auto parts industries for rubber, plastic and chemical production mixing and plasticizing.

Applications:

Mixing Machine is applicable to rubber, plastic and chemical industry. And most suitable kneading application: EVA., rubber, TPR, sole, rubber roller, hoses, belts, sponges, vibration insulator, elastic cord, sealing materials, tire, tapes, master batches, pigment, ink, electric rubber parts, chemical industry compounds.



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Working Principle:

The two rotors in the mixing chamber rotate under a certain speed ratio, and the material from the feeding port is clamped into the roll gap and squeezed and sheared by the rotor. After passing through the roll gap, it hits the "W" sharp edge of the mixing chamber and is divided into two parts. Respectively, along the gap between the front and rear chamber walls and the rotors the material get back to the top. The material is sheared and mixed under a certain pressure and temperature in the closed mixing chamber to make the formula material fully disperse and plasticize, so that the formula can exert the best effect.

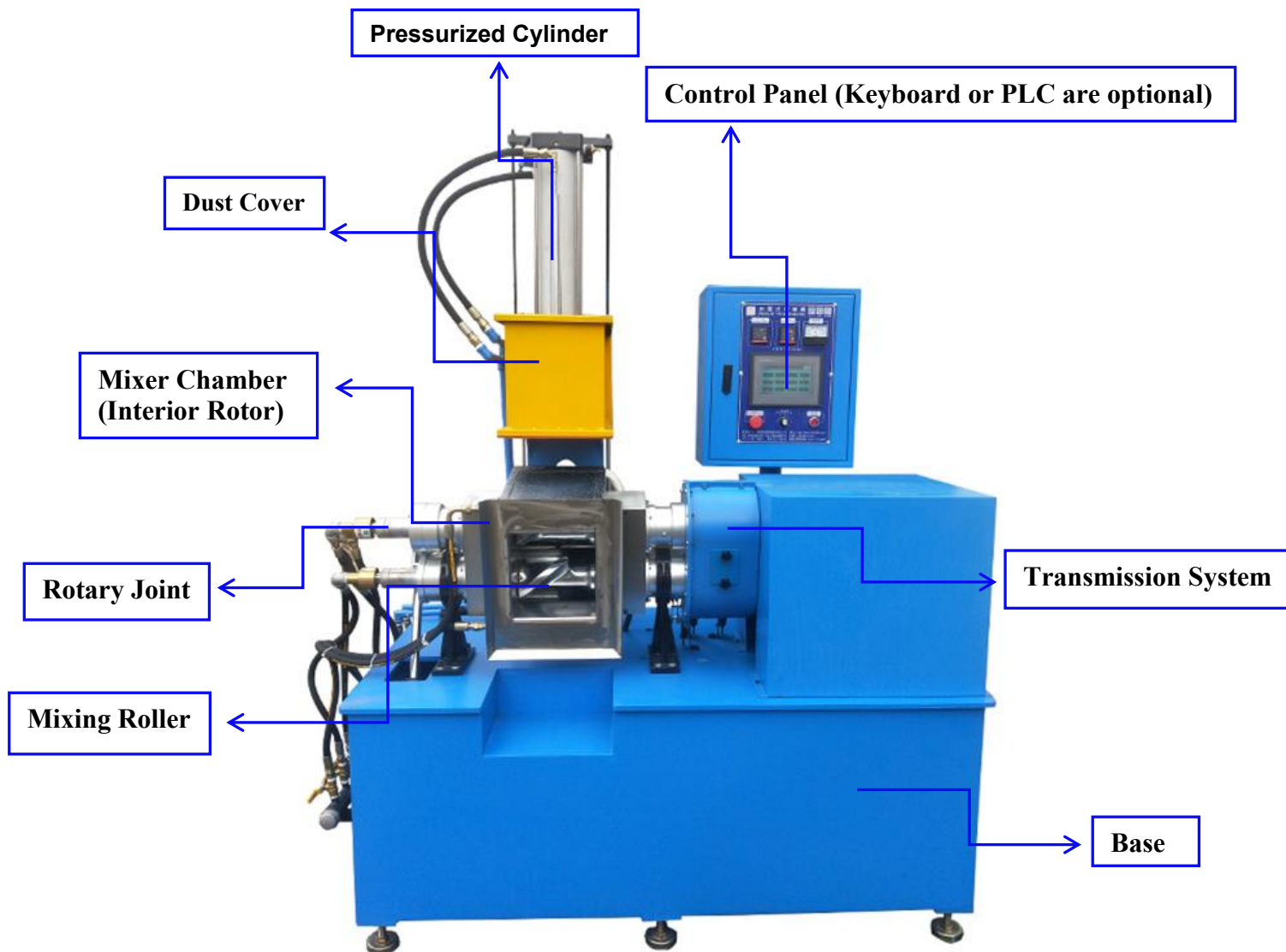
Specifications:

Model	ML1 / MLP1	ML3 / MLP3	ML5 / MLP5	ML10 / MLP10
Mixing Capacity	1 L	3 L	5 L	10 L
Drive Motor	5.5KW	7.5 KW	11KW	22KW
Control Mode	NG-ML Series: Key Control / NG-MLP Series: PLC Touch Screen Control			
Rotation Angle	110°~135°			
Rotor Speed	36 rpm			
Mixing Shaft	20crMo			
Heating method	Electrical heating			
Cooling System	Water cooling			
Temperature	RT~300°C			
Air Pressure	0.5~0.8MPa			
Control System	Taiwan brand and Japan brand, the machine is equipped with safety interlock function.			
Material	High quality carbon steel, hard chromium plated wear resistant treatment			
Colour	Yellow / Blue (or customize)			
Power	3 ϕ AC380V 50HZ			



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Structure:



Open-Close Type





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Standard Accessories:

No.	Item	Quantity
1	Material clamping device	1
2	Machine rack	1
3	Mixer device	1
4	Turnover device	1
5	Reducer	1
6	Base support	1
7	Belt drive unit	1
8	Pneumatic control system	1
9	Heating and cooling system	1
10	Limit support seat	1
11	Pedestal	1
12	Drive motor	1
13	Electric control cabinet and operation table	1
14	Dusting mouth	1
15	Electronic control system	1

NG-ML Series: KEY CONTROLL**NG-MLP Series: PLC CONTROLL**

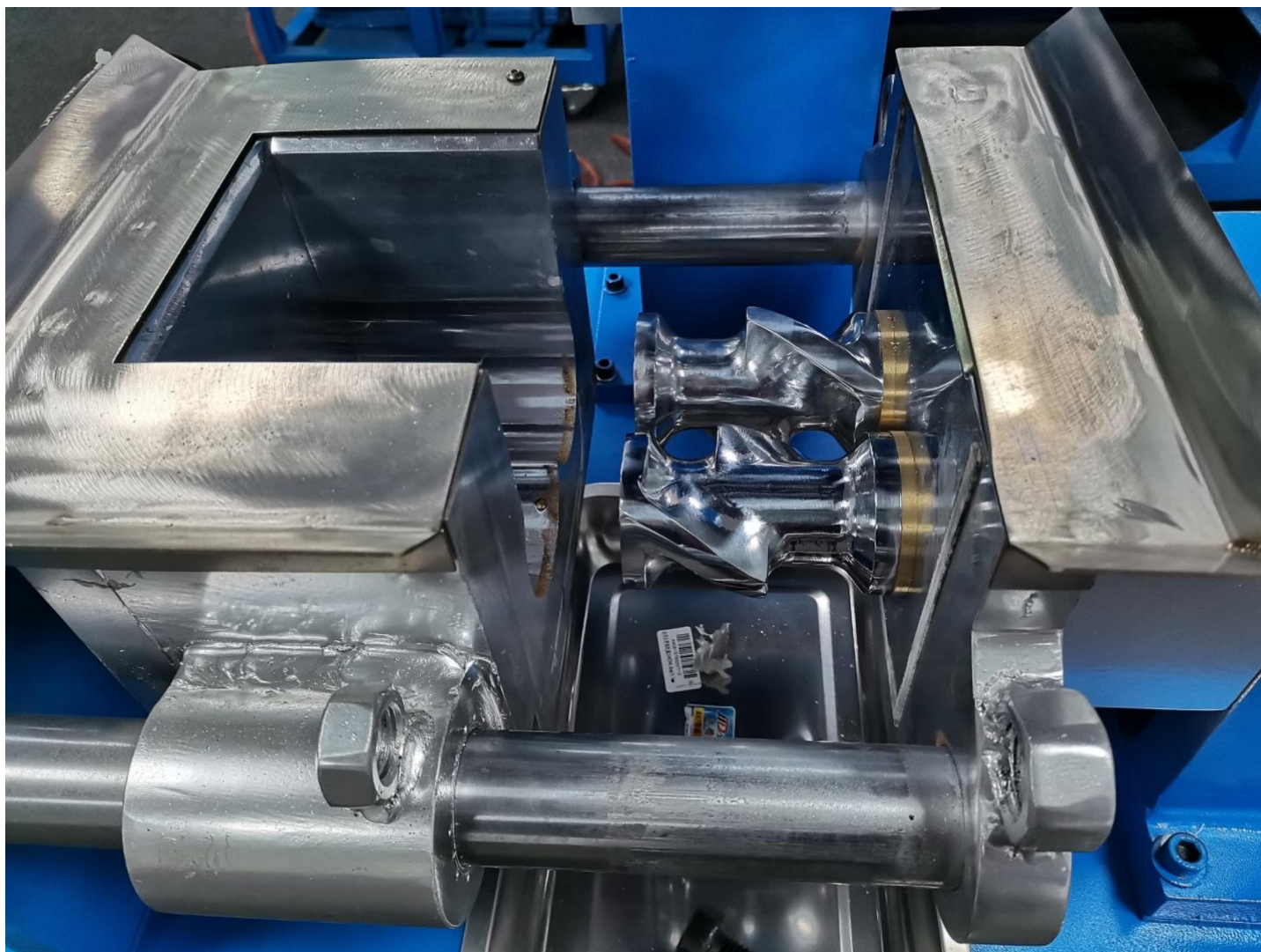
Put My Heart In Your Hand

广东纽格尔仪器有限公司

Guangdong Newgoer Instrument Co., Ltd



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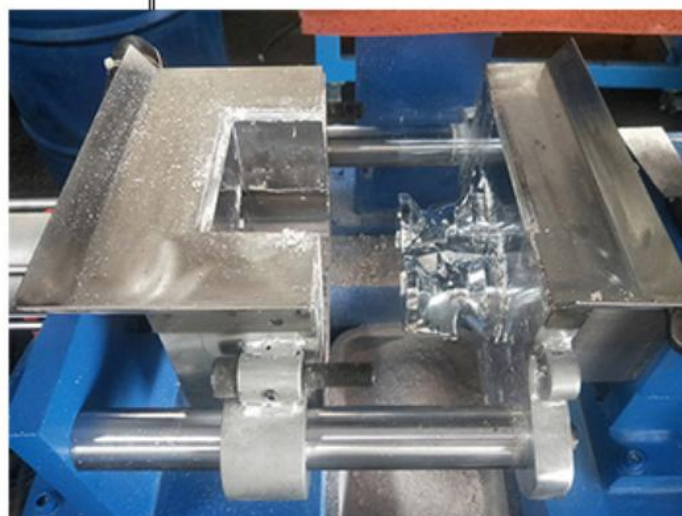
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Powder Mixing



Plastic / Rubber Mixing



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Keyboard



PLC



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After-sales Service



- 1) 12 months product warranty. Free components will be provided if any performance failure occurs within 12 months caused by non-human damage.
- 2) If you face any problems in future during testing process, We will serve as a technical adviser for lifetime, give you a reply within 48 hours and the solution provided within 3 working days.
- 3) We will provide some guidance for the normal use of the machine, and in the case of the machine is not used for a long time, protection guidance provided, then keep the good performance of the machine.
- 4) We can offer operation video and operation manual, also can provide video-conference.
- 5) If necessary, on-site service will be provided, but the transport and travel expense shall be borne by customer.

PRODUCTION LOGISTICS



1.Design



2.Production
Material



3.Accessories
Processing



4.Product Assembly



5.Product Debugging



6.Packaging &
Shipping



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OUR SERVICE



- **Unbeatable prices**, we are constantly trying to find ways to reduce our production costs and give you through price!
- Strong brand awareness, our company is gradually building our brand, for which we will seriously treat every customer, and ensure the quality of each product.
- Special Offers In order to maintain our competitive edge, **we are constantly running special offers on our promotion tester machine, consumer goods, and design services**. Contact our sales team to see how we can help you save a lot of money.

OUR SERVICES

- **One year Warranty** including free maintenance and changing Instrument components
- We will offer operation video, English operation manual ,life-long technical assistance and video teaching
- **Future testing solutions consultation and laboratory free test**, you can send samples to us, and we can test it for you



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OUR CUSTOMERS



CONTACT US

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