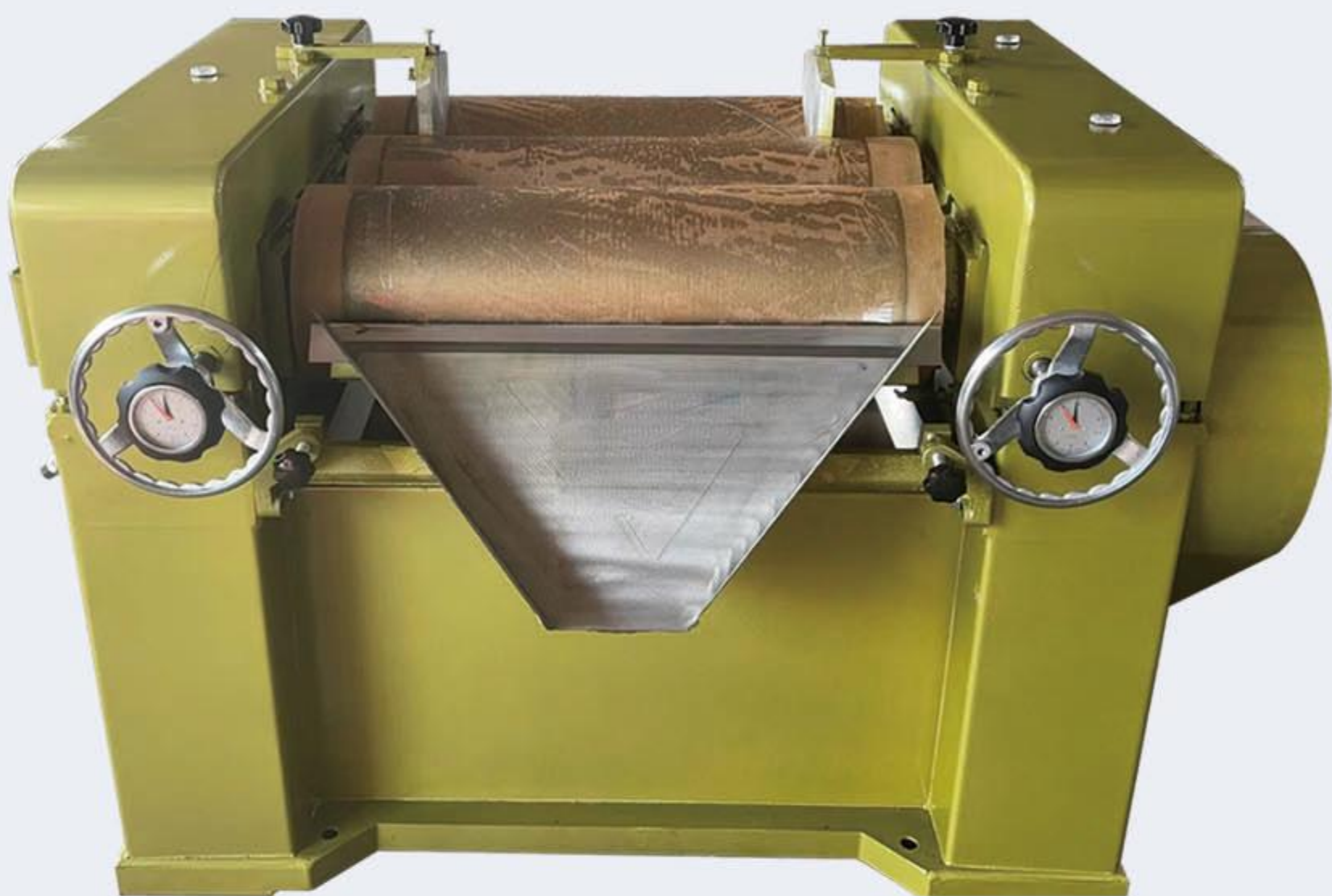


DS SERIES



PRODUCT OVERVIEW

Mainly used for various pasty materials such as ink, paint, pigment, soap, artificial leather, plastics, grease, and chocolate. Particularly suitable for grinding products with high viscosity and high fineness requirements. The surface of this machine has high hardness and wear resistance, and it is equipped with a cooling device to ensure continuous operation.



DS 65



DS 100/150



DS 405

| 型号 Model | 辊筒直径 Roller diameter (mm) | 辊筒工作长度 Working length (mm) | 辊筒转速 Speed(rpm) | | | 电动机 Motor | | | 整机重量 Weight (kg) | 外形尺寸 Overall Size (mm) |
|-------------|---------------------------------|----------------------------------|--------------------|-------------------|-----------------|--------------|------------|---------------|------------------------|------------------------------|
| | | | 慢辊 slow roll | 中辊 middle roll | 快辊 fast roll | 型号 Model | 功率 (kw) | 转速 (r/min) | | |
| DS65 | 65 | 125 | 26 | 70 | 145 | Y17144 | 0.75 | 1390 | 85 | 410X550X450 |
| DS100 | 100 | 250 | 40 | 86 | 186 | Y100L-4 | 1.5 | 1400 | 400 | 800X660X750 |
| DS120 | 120 | 280 | 26 | 70 | 186 | Y100L-4 | 1.5 | 1400 | 450 | 830X750X920 |
| DS150 | 150 | 300 | 34 | 78 | 180 | Y100L-4 | 2.2 | 1420 | 550 | 820X880X900 |
| DS260 | 260 | 675 | 22 | 64 | 182 | Y160L-6 | 7.5 | 970 | 2200 | 1645X1350X1100 |
| DSM405 | 405 | 810 | 14 | 43 | 133 | Y180L-6 | 15 | 970 | 5200 | 1950X1950X1330 |
| DSM405L | 405 | 1000 | 14 | 43 | 133 | Y180L-6 | 22 | 970 | 5800 | 2140X1950X1330 |

DSG
SERIES



PRODUCT OVERVIEW

The three-roller mill is primarily used for various paints, inks, pigments, plastics, and other paste materials. It is particularly suitable for grinding products with high viscosity and fine particle size requirements. The grinding effect is achieved through the mutual squeezing of the surfaces of three specially designed alloy rollers and friction at different speeds.

The SG improved model uses the latest foreign chain wheel transmission technology. All gears are immersed in lubricating oil, which maximizes the service life of the machine, reduces noise and energy consumption, and ensures that all sealing components are imported. The original top adjustment roller structure of the three-roller mill has been changed to a gear adjustment roller, making it smoother, lighter, and more stable during operation.

Both the inlet and outlet water ports can be customized with temperature displays to ensure that product quality is not affected by temperature changes. Additionally, according to customer requirements, cooling water recovery energy-saving devices, handwheel pressure display devices, or roller heating devices can be added. The discharge hopper is made of stainless steel, and the exterior is coated with solvent-resistant paint to prevent the machine's luster from being affected by external solvents.

| 型号 Model | 辊筒直径 Roller diameter (mm) | 辊筒工作长度 Working length (mm) | 辊筒转速 Speed(rpm) | | | 电动机功率 Main motor power (kw) | 整机重量 Weight (kg) | 外形尺寸 Overall Size (mm) |
|-------------|---------------------------------|----------------------------------|--------------------|-------------------|-----------------|-----------------------------------|------------------------|------------------------------|
| | | | 慢辊 slow roll | 中辊 middle roll | 快辊 fast roll | | | |
| DSG6" | 150 | 300 | 38 | 87 | 203 | 2.2 | 500 | 1070X880X950 |
| DSG8" | 200 | 600 | 22 | 67 | 200 | 5.5 | 1500 | 1380X910X1080 |
| DSG9" | 260 | 675 | 27 | 76 | 217 | 7.5 | 2300 | 1800X1400X1180 |
| DSG12" | 305 | 760 | 22.5 | 70 | 217 | 11 | 3800 | 2100X1550X1230 |
| DSG16" | 406 | 810 | 19 | 58 | 178 | 15 | 5300 | 2050X1810X1500 |
| DSG16" L | 406 | 1000 | 19 | 58 | 178 | 22 | 5800 | 2250X1810X1500 |

DSDS ELECTRONIC CNC THREE-ROLLER MILL



PRODUCT OVERVIEW

The DSDS Electronic CNC Three-Roller Mill brings advanced control features that were previously only available in production equipment to desktop products. High-tech control technology can now be applied to product development and small-scale production. The touch screen with a graphical interface is easy for operators to use. It offers flexible, precise, and stable operation, enabling the reproducibility of operational data and experimental results, which is more conducive to product research and development. The rollers can be made of zirconia ceramic material, making it suitable for various industries such as electronic pastes, inks, pigments, cosmetics, etc., thereby meeting customer needs to the greatest extent.

Additionally, customers can also choose an optional automatic cooling device with a circulating water tank. This not only solves the inconvenience of installing cooling water pipes and draining water but also serves as an operating platform for the machine, combining practicality with aesthetics.

PRODUCT FEATURES

- Variable Frequency Speed Control: Suitable for adjusting the speed requirements of materials with different viscosities.
- Spring-Tensioned Scraper Seat: Ensures more effective discharge performance.
- Adjustable Scraper Tightness:
- Final Product Fineness: Ranges from 1 to 20 microns, depending on the material's inherent properties.
- Compact Size: Saves space.

THREE ROLL MILL



DSDS 50 Ceramic Rollers and Stainless Steel for Key Parts



DSDS 80 Ceramic Rollers



DSDS 50 Ceramic Roller and
Polytetrafluoroethylene Discharge Hopper



DSDS 120 Ceramic Roller

| 型号 Model | 辊筒直径 Roller Dia. (mm) | 辊筒工作面长度 Working length (mm) | 产量 Capacity (L/h) | 辊筒转速比 Speed ratio | 辊筒转速 Speed (r/min) | 主电机功率 Motor Power (kw) | 整机重量 Weight (kg) | 外形尺寸 Overall Size (mm) |
|-------------|-----------------------------|-----------------------------------|-------------------------|----------------------|--------------------------|------------------------------|------------------------|------------------------------|
| DSDS50 | 50 | 150 | 0.02-10 | 4:2:1 | 580 | 0.15 | 20 | 350X250X300 |
| DSDS80 | 80 | 200 | 0.02-20 | 9:3:1 | 480 | 1.1 | 80 | 720X550X550 |
| DSDS120 | 120 | 280 | 1-60 | 9:3:1 | 480 | 1.5 | 250 | 850X650X740 |
| DSDS120L | 120 | 450 | 1-80 | 9:3:1 | 480 | 2.2 | 295 | 1020X650X740 |

DSYS HYDRAULIC(PLC)
DIGITAL TYPE
THREE ROLL MILL



PRODUCT OVERVIEW

This device can be equipped with a Siemens programmable logic controller (PLC) to control the machine, enabling automated production and remote control. It is also fitted with a touch screen featuring a graphical interface, making it easier for operators to quickly learn and use. This enhances the precision and stability of machine operation and allows for the recording of production data as well as the reproducibility of real-time data.



DSYS 150 Ceramic Roller



DSYP Stainless Steel



DSYPT 150 Stainless Steel

| 辊筒直径 Roller diameter (mm) | 辊筒工作长度 Working length (mm) | 辊筒转速 Speed(rpm) | | | 主电机功率 Main motor power (kw) | 液压系统总压力 General pressure (Mpa) | 液压泵功率 Pump power (kw) | 整机重量 Weight (kg) | 外形尺寸 Overall Size (mm) |
|---------------------------------|----------------------------------|--------------------|-------------------|-----------------|-----------------------------------|--------------------------------------|-----------------------------|------------------------|------------------------------|
| | | 慢辊 slow roll | 中辊 middle roll | 快辊 fast roll | | | | | |
| 150 | 300 | 44 | 103 | 240 | 5.5 | ≤6.17 | 0.75 | 950 | 1060X1100X1100X650 |
| 200 | 600 | 52 | 144 | 400 | 11-15 | ≤6.17 | 1.1 | 1500 | 1420X1210X1100X700 |
| 260 | 650 | 49 | 140 | 400 | 18.5-22 | ≤6.17 | 1.5 | 2400 | 1670X1450X1290X900 |
| 400 | 800 | 31 | 122 | 400 | 30 | ≤6.17 | 1.5 | 4500 | 2040X1790X1390X1150 |
| 400 | 1000 | 31 | 122 | 400 | 37 | ≤6.17 | 1.5 | 5000 | 2240X1790X1390X1150 |
| 400 | 1300 | 31 | 122 | 400 | 55 | ≤6.17 | 1.5 | 5280 | 2540X1790X1390X1150 |