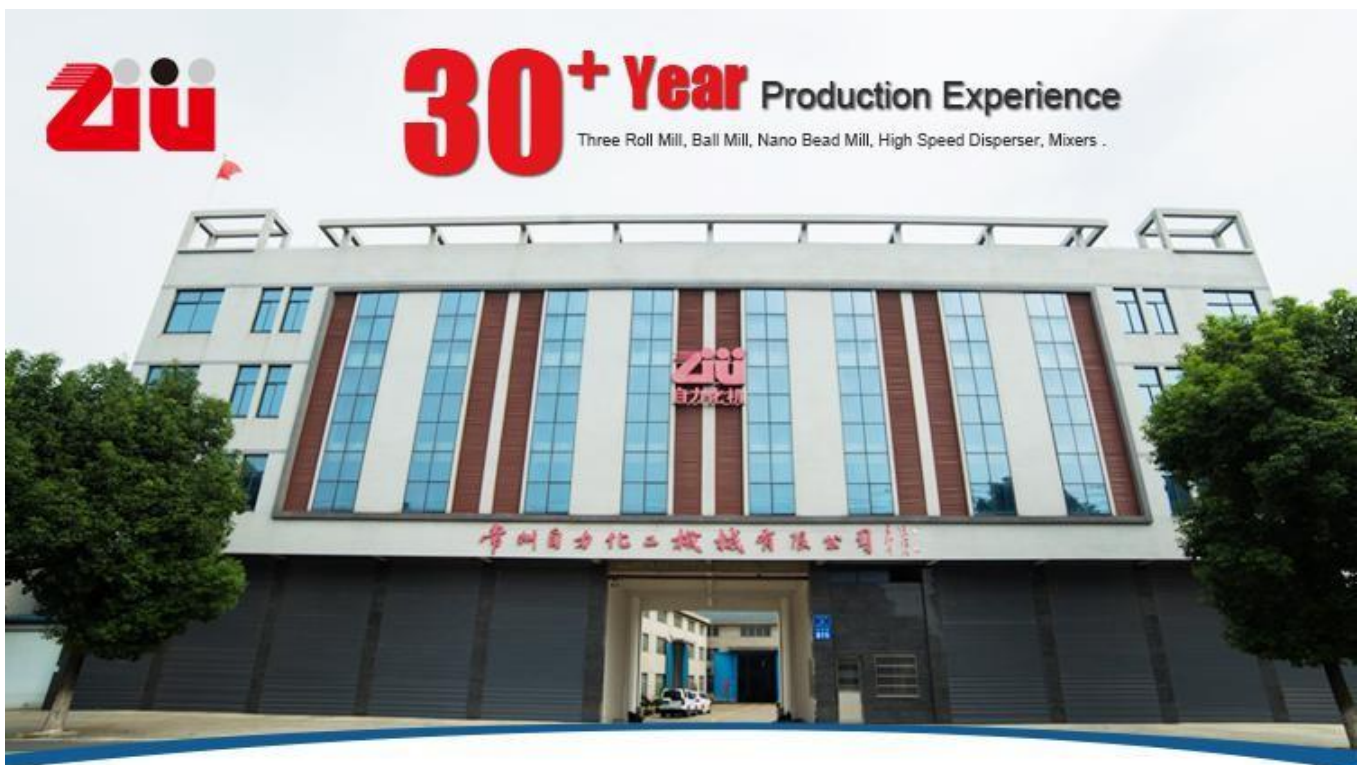


MANUAL THREE ROLL MILL QUOTATION

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Delivery
On Time



Quality
Guarantee



Communication
In Time



Support
Small Orders



Customized
Service

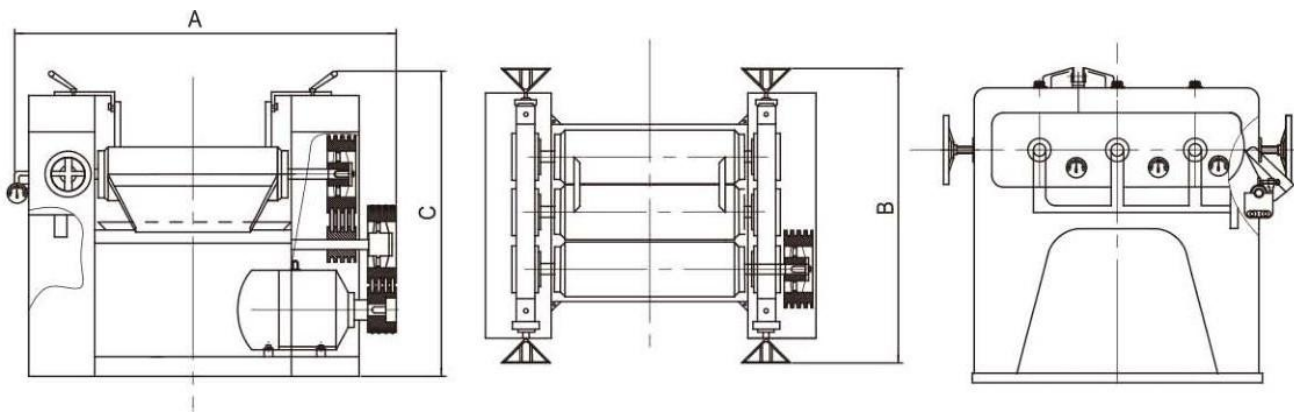
S type Three roll mill Introduction:

S type Three roller mill is widely used in milling paste material including paint, inks, pigment, coatings, dye, chocolate, cosmetic, soap, oil, lubrication grease, electronic paste, plant gum... It is the key equipment for those industry.

The roller material is made up of centrifugal casting anti-wear cold hard alloy steel. The cold hard alloy thickness is 20mm, hardness is between Shore hardness 68-75. The roller is grinding on convex grinder, the effective working surface is a bit convex. During the milling process, because of hard roller and thermal expansion and contraction, it can compensate automatically so as to improve machine life, also improve the material accuracy and efficiency. For normal material, as its original fineness and hardness, it can be milled once, twice and even more times till it reaches requirement(Normally between 3 and 18 micron as gauge measured)

Technical Specification for S type

Model No.	S65	S100	S120	S150	S260	SM405	SM405L
Roller Dia.(mm)	65	100	120	150	260	405	405
Roller length(mm)	125	250	280	300	675	810	1000
Speed (RPM)	Slow	26	40	26	34	22	14
	Middle	70	86	70	78	64	43
	Fast	145	186	186	180	182	133
Motor (KW)	Type	Y17144	Y100L-4	Y100L-4	Y100L-4	Y160L-6	Y180L-6
	Power	0.55	1.5	1.5	2.2	7.5	15
	Speed	1390	1400	1400	1420	970	970
Output,kg/h	5	30	40	60	180	350	430
Overall size/cm	41*55*45	80*66*75	83*75*92	82*88*90	165*135*110	195*195*133	214*195*133
Gross Weight, KG	70	400	450	550	2200	5200	5800
EXW Price, USD	\$ 820	\$ 1450	\$ 1650	\$ 1970	\$ 4950	\$ 10350	\$ 12000





SG type Three roller mill Introduction:

SG type three roller mill is improved from S type. The rollers' grade is higher. Machine is made up of good quality steel sheet welding to have nice looking, easy operation, lower labor strength, higher machine strength and longer life.

The machine is equipped with latest chain transmission technology. The gear is dipped inside lubricating oil so as to extend the machine life. It also reduces the noise and energy consumption. The gasket part is imported. S series Three roll mill is equipped with top adjusting roller structure, while SG series Three roll mill is equipped with gear adjusting structure, easier and convenient and more stable operation. The water temperature display is available at both inlet and outlet to make sure the material temperature keep stable and good quality available. Cooling water recycling device or roller heating device are available as customer request. The material outlet hopper is made up of stainless steel. The machine is coated with solvent resistance paint to keep gloss.

Technical Specification for SG Type

Model No.	SG5	SG6	SG8	SG9	SG12	SG16	SG16L
Roller Dia.(mm)	120	150	200	260	305	406	406
Roller length(mm)	280	300	600	675	760	810	1000
Speed (RPM)	Slow	26	38	22	27	22.5	19
	Middle	70	87	67	76	70	58
	Fast	186	203	200	217	217	178
Motor (KW)	Type	Y160L-6	Y160L-6	Y160L-6	Y160L-6	Y160L-6	Y180L-6
	Power	1.5	2.2	5.5	7.5	11	15
	Speed	970	970	970	970	970	970
Output kg/h	40	60	200	230	270	450	550
Overall size(cm)	83*75*92	107*88*95	138*91*108	180*140*118	210*155*123	205*181*150	225*181*150
Gross Weight, KG	400	500	1500	2300	3800	5300	5800
EXW Price, USD	\$ 3450	\$ 3950	\$ 7150	\$ 7975	\$ 9680	\$ 13190	\$ 14900

※Please note that specifications and measurement to may change due to improvement.



Included Parts:

1. Removable Drip tray, 1 piece
2. Output Apron, 1 piece
3. Roller-end plates: Brass or POM material, 1 pair
4. Steel Scraper blades, 3 pieces.
5. Cleaning safety fence, 1 Set (SG)
6. 2 Emergency-stop buttons (Except S65)
7. Dial Indicators for roller gap adjusting. (SG)
8. Roller Thermometers(open type water system)



Options:

1. Safety Cover above the rollers
2. Splash Guards
3. Input Hopper
4. Stainless Steel Machine Body
5. Rotary joints for Chiller
6. VFD Control for Variable Speed
7. Tank lifter/dumper
8. Stainless Vessel/Tank/Pot





Grinding Rollers' Grades and Materials' Specification

Roller Grade	Machines' Model	Metal composition											Working surface hardness	
		C	Si	Mn	P	S	Ni	Cr	Mo	V	Ti	Mg		
Ordinary Alloy Roller	S, SZ, SQ	3.2~ 3.8	0.35 ~ 0.55		0.3~ 0.5	≤ 0.12	0.5~ 0.6	0.2~ 0.4	0.35 ~ 0.45					Shore hardness 68-72 HS
Mid-level Alloy Roller	SG, SGL, SGX	2.9~ 3.7	0.3~ 1.5	0.2~ 1.5	0.2~ 0.7	≤ 0.12	0.6~ 1.5	0.5~ 1.5	0.5~ 0.8	0.1~ 0.7	0.08 ~ 0.3	0.02 ~ 0.06		
Supreme Alloy Roller	SY, SYP, SYS, SYL, SYD, SYJ, SDS	2.9~ 3.5	0.3~ 0.55	0.8~ 1.5	0.3~ 0.55	≤ 0.12	0.8~ 1.5	0.8~ 1.5	0.8~ 1	0.3~ 1	0.1~ 0.3	0.02 ~ 0.06		

The higher C content (within a certain range), the harder the roller surface will be, but the wear-resistance is reduced, and the working surface is easier to rust.

The characteristic supreme alloy roll is characterized by high content of alloy components on the working surface, so the roll surface can be better in rust-proof and wear-resistant.

AFTER-SALES SERVICE:

- Any quality malfunction during 12 months' warranty period is repaired or changed freely.
- 12 hours' one-on-one service to solve any problem.
- Machine's life-long services and spare parts with discounted prices are available.
- Product Inspection or test before shipment are available.
- Certificate of Origin could be offered to help save the customs tariff.



