

# Three Roll Mills

A three roll mill is a machine tool that uses the shear force created by three horizontally positioned rolls rotating at opposite directions and different speeds relative to each other to mix, refine, disperse, or homogenize viscous materials fed into it. They are widely used to mix electronic thick film inks, high performance ceramics, cosmetics, plastisols, carbon/graphite, paints, printing inks, pharmaceuticals, chemicals, glass coatings, dental composites, pigment, coatings, adhesives, sealants, and foods.

We have over 20 successful years manufacturing three roll mills which have been selling worldwide. Our lower manufacturing cost savings are directly passed on to You - our valued customer. With our professional technology and sales team, you will experience the highest level of quality of products, services, and technical support while slashing your cost by up to 40%.

## SPECIFICATIONS

Models	2.5x5	6x12	9x26	12x30	16x32	16x40
Roller Diameter	2.5"/65mm	6"/155mm	9"/230mm	12"/305mm	16"/406mm	16"/406mm
Roller Effective Surface Length	12"/300mm	12"/300mm	26"/660mm	30"/760mm	32"/810mm	40"/1000mm
Roller Rotating Speed (rpm)	Slow Roller	31	40	19	19	16
	Middle Roller	84	94	57	57	51
	Fast Roller	174	217	170	170	157
Motor Power (KW/HP)	0.75/1	3/4	5.5/7.5	11/15	15/20	22/30
Overall Dimension	18"x13"x15"	33"x33"x35"	47"x39"x43"	100"x68"x60"	100"x80"x60"	100"x80"x60"
Total Weight (lb)	165	1100	3300	6600	10572	11670

## OPTIONS

Options	2.5x5	6x12	9x20	12x30	16x32	16x40
20mm Thick Minimum NiCr Stainless Steel Rollers		√	√	√	√	√
Premium US TimKen Bearings		√	√	√	√	√
Explosion Proof		√	√	√	√	√
Stainless Steel Receiving Apron		√	√	√	√	√
Stainless Steel Top		√	√	√	√	√
All 304 Stainless Steel Structure	√	√	√	√	√	√
Adjustable Speed	√	√	√	√	√	√
Cooling Tank Options	√	√	√	√	√	√
Auto Loading Option		√	√	√	√	√

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