

Product Range

Mini Rolling Mills

Rolling Mills Manual

Rolling Mills Single Head

Rolling Mills Double Head

Strip Rolling Mill

Tube Forming Machine

Strip Cutting Machine

Tube Spring Cutter

Faceting Machine

Polishing Machine

- Vibrator

- Magnetic

S.S. Media for Polishing M/C.

Send Blast

Wire Drawing Machine

Bangle Grooving Machine

Ring Engraving Machine

Bangle Sizer / Enlarger

Ring Sizer / Enlarger / Shaper

Stamping Machine

Gold Side Production

Shyam Tiber Street, Nr. Mamata Industries,
Gandol Road, RAJKOT - 360 004, (Guj.) INDIA
Ph. : +91-281-2365375 Fax : +91-281-2366640
E-mail : info@lionsgoldsmith.com / goldside@gmail.com
Web : www.lionsgoldsmith.com

Creation with Perfection !!!

Lion[®]
GOLD SMITH

ESTD. - 1992

Jewellery Making
Machinery & Equipments

"Gold Side Production" Occupies A Pre-Eminent Position In The Global Market As A Manufacturer Of Jewellery Making Machinery & Equipments From India Under The Registered Brand Name Of "Lion Gold Smith".

Our Goal Is To Ensure Total Customer Satisfaction. Total Quality Precision Engineering Works Is Our Firm Commitment. Punctuality Of Delivery Is Our Strength. Low Cost And Competitive Pricing Is Indicative Of Our Productivity. Team Work And Long Term Partnership With Customers Is Our Future Hopes And Spirit.



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Mini Rolling Mills Hand Operate



Daimantion in m.m. / Model	MRM 001	MRM 002	MRM 003	MRMC 001	MRMC 002	MRMS 001
Rolls Width x Diameter	76 x 41	89 x 51	101 x 51	76 x 41	89 x 51	76 x 41
Wire Grooves From - To	0.75 - 5.75	0.75 x 5.75	0.75 - 6.0	0.75 - 5.75	0.75 - 5.75	0.75 - 5.75
Max. Sheet Width	28	36	38	28	36	28
Wires in Fully Grooved Rolls	0.75 - 6.75	0.75 - 6.75	0.75 - 7.0	0.75 - 6.75	0.75 - 6.75	0.75 - 6.75
Max. Apertures of Rolls	4	4	4	4	4	4
No. of Half Round Grooves	2	2	2	2	2	2
Ratio	3.15 / 1	3.15 / 1	3.15 / 1	3.15 / 1	3.15 / 1	3.15 / 1
Depth Per Rotation of Staring	0.86	0.81	0.81	0.86	0.81	0.86
Machine Dimension in CM.	22 x 19 x 30	23 x 19 x 32	25 x 20 x 33	23 x 20 x 30	24 x 20 x 32	22 x 19 x 30
Machine Net Weight	16.1 Kg.	18.3 Kg.	19.0 Kg.	17.3 Kg.	20.5 Kg.	17.0 Kg.
Shipping Dimension in CM.	28 x 28 x 28	30 x 30 x 30	30 x 30 x 30	30 x 30 x 30	30 x 30 x 30	28 x 28 x 28
Shipping Weight	17.8 Kg.	20 Kg.	20.7 Kg.	19 Kg.	22.2 Kg.	18.7 Kg.

Packing in corrugated box

New Mini Rolling Mill



DISCRPTION	NMR	MRGB 001	MRGB 002	MRGB 003	MRM WITH 5 ROLLS
Rolls Width x Diameter	76 x 41	76 x 41	89 x 51	101 x 51	76 x 41
Wire Grooves From - To	0.75 - 5.75	0.75 - 5.75	0.75 - 5.75	0.75 - 6.0	0.75 - 5.75
Max. Sheet Width	28	28	36	37	28
Wire in Fully Grooved Roll	0.75 - 6.75	0.75 - 6.75	0.75 - 6.75	0.75 - 7	0.75 - 6.75
Max. Apertures of Rolls	4	4	4	4	4
No. of Half Round Grooves	2	2	2	2	2
Ratio	1 / 1	4 / 1	4 / 1	4 / 1	1 / 1
Depth Per Rotation of Staring	0.86	0.86	0.81	0.76	0.86
Machine Dimension in CM	20.5 x 10.5 x 25.5	26 x 10 x 27	27 x 11 x 36	35 x 16 x 36	22 x 19 x 30
Machine Net Weight	11.0 Kg.	15.8 Kg.	20.0 Kg.	20.2 Kg.	21.7 Kg.
Shipping Dimension in CM	30 x 20 x 20	31 x 15 x 28	33 x 16 x 36	35 x 16 x 36	30 x 30 x 30
Shipping Weight in Corrugated Box	12.0 Kg.	18.0 Kg.	23.0 Kg.	23.5 Kg.	23.4 Kg.

Packing in corrugated box

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E-mail : info@liongoldsmith.com / goldside@gmail.com
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Rolling Mills Hand Operate



RMH



RMHG

Daimantation in m.m. / Model	RMH 001	RMH 002	RMH 003	RMHG 001
Rolls Width x Diameter	101 x 57	127 x 63.5	152 x 76	127 x 63.5
Operation System	Manual or Ele.	Manual or Ele.	Manual or Ele.	Manual
Wire Grooves From - To	0.75 - 7	0.75 - 9	0.75 - 10	0.75 - 9
Max. Sheet Width	37	48	57	48
Wires in Fully Grooved Rolls	0.75 - 8	0.75 - 10	0.75 - 12	0.75 - 10
Max. Apertures of Rolls	6	6	6	8
No. of Half Round Grooves	2	2	2	2
Ratio	4.6 / 1	3.5 / 1	4 / 1	4 / 1
Depth Per Rotation of Staring	0.78	0.50	0.66	0.50
Machine Dimension in cm. with out Pully	35 x 34 x 45	37 x 37 x 47	42 x 42 x 52	39 x 22 x 42
Machine Net Weight	51.0 Kg.	71.0 Kg.	89.6 Kg.	40.7 Kg.
Shipping Dimension in cm. * Pully	44 x 42x 44 + 52 x 14 x 52	47 x 43 x 47 + 62 x 14 x 62	51 x 47 x 51 + 62 x 14 x 62	42 x 30 x 42
Shipping Weight	80.0 Kg.	100.0 Kg.	122.0 Kg.	48.0 Kg.

Rolling Mills Single Head.



RMGE



RMFE

Dimension in m.m. / Model	RMFE 001	RMFE 002	RMFE 003	RMGE 001	RMGE 002
Rolls Width X Diameter	101 x 57	127 x 63.5	152 x 76	127 x 63.5	145 x 70
Operating System	Motorized	Motorized	Motorized	Motorized cum manual	Motorized cum manual
Wire Grooves From - To	0.75 - 7	0.75 - 9	0.75 - 10	0.75 - 9	0.75 - 9.5
Max. Sheet Width	37	48	57	48	54
Wire in Fully Grooved Roll (Optional)	0.75 - 8	0.75 - 10	0.75 - 11	0.75 - 10	0.75 - 10.5
Max. Apertures of Rolls	6	6	6	25	25
No. of Half Round Grooves	2	2	2	2	2
Max. Rolier Speed	7.57 (M/Min.)	9.42 (M/Min.)	11.66 (M/Min.)	6.88 (M/Min.)	7.57 (M/Min.)
Depth per rotation of Staring	0.78	0.50	0.66	0.50	0.50
Power Supply	1 h.p. / 0.75 kw. 1 Phase	1.5 h.p. / 1.1 kw. 1 Phase	2 h.p. / 1.5 kw. 1 Phase	1 h.p. / 0.75 kw. 1 Phase	1 h.p. / 0.75 kw. 1 Phase
Machine Dimension in CM.	38 x 48 x 117	40 x 58 x 120	45 x 55 x 125	61 x 30 x 82	65 x 30 x 82
Machine Net Weight	108.0 Kg.	134.4 Kg.	160.0 Kg.	118.7 Kg.	129.0 Kg.
Shipping Dimension in CM.	65 x 54 x 132	65 x 70 x 135	59 x 74 x 135	75 x 47 x 85	75 x 47 x 85
Shipping Weight	148.0 Kg.	170.0 Kg.	210.0 Kg.	160.0 Kg.	165.0 Kg.

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Web : www.liongoldsmith.com

Model RMGE 001 & 002 are also available with full stand & Hand operating system.



Mini Rolling Mill Double Head

Daimantion in m.m. / Model	RMDH 01
Rolls Width x Diameter	89 x 51
Wire Grooves From - To	0.75 - 5.75
Max. Sheet Width Rolled	36
Max. Apertures of Rolls	6
No. of Half Round Grooves	2
Max Roller Speed	3.85 (M/Pm.)
Depth Per Rotation of Staring	0.81
Power Supply	0.75 h.p. / 0.56 kw. 1 Phase
Machine Dimension	58 x 27 x 87 CM.
Machine Net Weight	114 Kg.
Shipping Dimension	30 x 30 x 32 CM.
Shipping Weight	150 Kg.

Light Double Head Rolling Mill

DISCRPTION	LDH
Rolls Width x Diameter	101 x 57
Wire Grooves From - To	0.75 - 8
Max. Sheet Width Can be Rolled	60
Max. Apertures of Rolls	20
No. of Half Round Grooves	2
Max Roller Speed	7.57 (M/Pm.)
Depth Per Rotation of Staring	0.78
Power Supply	1 H.P. / 0.75 Kw. 1 Phase
Machine Dimension	60 x 31 x 117 CM.
Machine Net Weight	161.0 Kg.
Shipping Dimension	75 x 50 x 132 CM.
Shipping Weigh	220.0 Kg.

All above dimension are in m.m.

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Rolling Mills Combined Double Head With Gear Box & Electric



Daimantion in m.m. / Model	RMDH 001	RMDH 002	RMDH 003	RMDH 004	RMDH 005
Rolls Width x Diameter	101 x 57	127 x 63.5	152 x 76	152 x 101	203 x 127
Wire Grooves From - To	0.75 - 8	0.75 - 9	0.75 - 10	0.71 - 12	0.71 - 14
Max. Sheet Width Can be Rollad	60	80	100	150	200
Max. Apertures of Rolls	25	31	38	38	42
No. of Half Round Grooves	2	2	2	2	2
Max. Roller Speed	7.57 (M/Min.)	9.42 (M/Min.)	11.66 (M/Min.)	8 (M/Min.)	10 (M/Min.)
Depth Per Rotation of Staring	0.78	0.50	0.66	0.99 m.m.	0.99 m.m.
Emergency Brake	Optional	Optional	Optional	Attache	Attache
Auto Lubricating System	Optional	Optional	Optional	Attache	Attache
Power Supply	1 h.p. / 0.75 kw. 1 Phase	1.5 h.p. / 1.1 kw. 1 Phase	2 h.p. / 1.5 kw. 1 Phase	5 h.p. / 3.75 kw. 3 Phase	7.5 h.p. / 4.31 kw. 3 Phase
Machine Dimension in CM.	85 x 34 x 117	97 x 42 x 125	107 x 51 x 132	140 x 55 x 150	150 x 60 x 160
Machine Net Weight	209.0 Kg.	285.0 Kg.	355.0 Kg.	600.0 Kg.	1000 Kg.
Shipping Dimension in CM.	100 x 54 x 132	110 x 70 x 135	120 x 74 x 135	155 x 70 x 170	165 x 75 x 180
Shipping Weight	270.0 Kg.	345.0 Kg.	425.0 Kg.	1000 Kg.	1400 Kg.

RMDH 004 & 5 are available with round staring wheel.

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Rolling Mill Double Head

(With Safety Grill & Cover)

Diamantion in m.m. / Model	RMDH-A 002
Rolls Width x Diameter	127 x 63.5
Wire Grooves From - To	0.75 - 9
Max. Sheet Width Rolled	80
Max. Apertures of Rolls	30
No. of Half Round Grooves	2
No. of Side Rolls	2 (1-Plain, 1 Half Round Grooves)
Max Roller Speed	9.42 (M/Pm.)
Auto Lubricating System	Attached
Emergency Brake	Attached
Depth Per Rotation of Staring	0.50
Power Supply	1.50 h.p. / 1.1 kw. 1 Phase
Machine Dimension	98 x 47 x 135 CM.
Machine Net Weight	325 Kg.
Shipping Dimension	115 x 60 x 155 CM.
Shipping Weight	390 Kg.



Strip Rolling Mill

Diamantion in m.m. / Model	SRM 001	SRM 002D
Rolls width x Diameter	50 x 60	25 x 100
Max. Sheet Width Can Be Rolled	38	22
Max. Apertures of Rolls	12	3
Max. Roller Speed	7.57 (M./Min.)	10.6 (M./Min.)
Depth Per Rotation of Staring	0.66	0.66
Main Power Supply	1 hp / 0.75 kw - 1 Phase	1hp / 0.75 kw - 1 Phase
Winding Motor Power Supply	0.25 hp / 0.18 kw - 1 Phase	0.25 hp / 0.18 kw - 1 Phase
Machine Dimension in cm.	67 x 70 x 112	70 x 90 x 127
Machine Net Weight	172.0 Kg.	187.0 Kg.
Shipping Dimension in cm.	80 x 84 x 132	85 x 105 x 145
Shipping Weight	230.0 Kg.	245.0 Kg.

Model SRM002D with Tungsten Carbide Rolls

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Rolling Mill Single Head Compact

Daimantion in m.m. / Model	RMSC 002
Rolls Width x Diameter	127 x 63.5
Wire Grooves From - To	0.75 - 9
Max. Sheet Width Rolled	50
Max. Apertures of Rolls	30
No. of Half Round Grooves	2
No. of Side Rolls	2 (1-Plain, 1 Half Round Grooves)
Max Roller Speed	7.25 (M/Pm.)
Depth Per Rotation of Staring	0.50
Power Supply	1.50 h.p. / 1.1 kw. 1 Phase
Lubricating System	Manual Pump Attached
Machine Dimension	58 x 42 x 65 CM.
Machine Net Weight	127 Kg.
Shipping Dimension	75 x 55 x 75 CM.
Shipping Weight	160 Kg.



Rolling Mill Double Head Compact

Daimantion in m.m. / Model	RMDC 002
Rolls Width x Diameter	127 x 63.5
Wire Grooves From - To	0.75 - 9
Max. Sheet Width Rolled	80
Max. Apertures of Rolls	30
No. of Half Round Grooves	2
No. of Side Rolls	2 (1-Plain, 1 Half Round Grooves)
Max Roller Speed	7.25 (M/Pm.)
Depth Per Rotation of Staring	0.50
Power Supply	1.50 h.p. / 1.1 kw. 1 Phase
Auto Lubricating System	Manual Pump Attached
Machine Dimension	84 x 42 x 65 CM.
Machine Net Weight	182 Kg.
Shipping Dimension	100 x 55 x 75 CM.
Shipping Weight	235 Kg.



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Tube Forming Machine

Description / Model	TFM
Regulated r.p.m.	0 - 50
Power Supply	1 hp 1 Phase D.C. Drive
Machine Dimension	76 x 68 x 125 CM.
Machine Net Weight	145 Kg.
Shipping Dimension	95 x 70 x 147 CM.
Shipping Weight	205.0 Kg.

Strip Cutting Machine

Description / Model	SCM
Cutting Width	3 m.m. to 50 m.m.
Operating	Manual
Machine Dimension	25 x 30 x 35 CM.
Machine Net Weight	15.0 kg.
Shipping Dimension	35 x 40 x 45 CM.
Shipping Weight	22.0 kg.

Tube Spring Cutting Machine

Description / Model	TSC
Cutting blade Speed / Dia.	2800 r.p.m. / 80 m.m.
Power Supply	0.25 hp / 0.18 kw 1 Phase
Machine Dimension	30 x 37.5 x 37.5 CM.
Machine Net Weight	30.0 Kg.
Shipping Dimension	40 x 50 x 50 CM.
Shipping Weight	35.0 Kg.



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Faceting Machine Double Head

- Auto brake in vertical head
- Multi tool - tool holder
- Bangle attachment with multiple size collets
- Ring attachment with multiple size collets
- Vertical Para tool holder
- Chain cutting attachment
- Optional Microscope facility
- Vertical & Horizontal Motor 0.5hp / 0.37 kw 1 Phase
- Smooth soundless running
- Graded cast iron heavy body
- Hard and ground shaft made from graded steel
- Easy running slides
- Compact design with year's of experience

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Send Blast



Ring Engraving



Stamping



Bangle Sizer



Bangle Enlarger



Ring Shaper



Ring Sizer



Ring Enlarger

Stainless Steel Media for Vibrator & Magnetic Polisher.

Name	Picture	Available size Dia. x Length in m.m.
Balls		0.05 to 3
Straight Pins		1 to 3 m.m. x 4 to 12 m.m. Length
Cross Pins		1 to 3 m.m. x 4 to 12 m.m. Length
Ball Con / Flat Con		5 m.m.
Magnetic Pins		0.03 & 0.05 m.m. x 4 to 8 m.m. Length

Hand Blower

- Size :
- No. 10
 - No. 14
 - No. 18
 - No. 25



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Polishing Machines - Vaibrator (S.S. Body)



Discription / Model	VPM 001	VPM 002	VPM 003	VPM 004	VPM 005
Tub Size in cm.	10 x 10 x 22.5	15 x 15 x 25	15 x 15 x 35	17.5 x 17.5 x 37.5	17.5 x 17.5 x 42.5
Jewellery Capacity	0.5 Kg.	1.0 Kg.	2.0 Kg.	3.0 Kg.	5.0 Kg.
Media Require	5.0 Kg	10.0 Kg.	15.0 Kg.	20.0 to 25.0 Kg.	25.0 to 30.0 Kg.
Power Supply	0.12 hp / 0.09 Kw. 1 Phase	0.025 hp / 0.18 Kw. 1 Phase	0.5 hp / 0.37 Kw. 1 Phase	0.5 hp / 0.37 Kw. 1 Phase	0.75 hp / 0.60 Kw. 1 Phase
Machine Dimension in cm.	35 x 30 x 37.5	45 x 35 x 45	52.5 x 35 x 45	57.5 x 37.5 x 47.5	62.5 x 40 x 47.5
Machine Weight w/o. Media	24.0 Kg.	38.0 Kg.	41.0 Kg.	45.0 Kg.	60.0 Kg.
Shipping Dimension in cm.	63 x 49 x 55	74 x 54 x 62	81 x 54 x 62	85 x 57 x 65	90 x 57 x 65
Shipping Weight w/o. Media	52.0 Kg.	74.0 Kg.	82.0 Kg.	89.0 Kg.	100.0 Kg.

Polishing Machines - Magnetic (S.S. Body)

Discription / Model	MPM 001	MPM 002	MPM 003
Tub Size in cm.	20 x 15	25 x 15	30 x 15
Jewellery Capacity	0.5 Kg.	1.0 Kg.	1.5 Kg.
Media Require	0.4 Kg.	0.8 Kg.	1.0 Kg.
Power Supply	0.5 hp / 0.37 kw. 1 Phase	0.5 hp / 0.37 kw. 1 Phase	1.0 hp / 0.75 kw. 1 Phase
No. of Magnets	8	12	16
Machine Dimension in cm.	35 x 35 x 52.5	35 x 35 x 52.5	37.5 x 37.5 x 47.5
Machine Net Weight	29.5 Kg.	31.5 Kg.	39.0 Kg.
Shipping Dimension in cm.	45 x 45 x 65	45 x 45 x 65	50 x 50 x 60
Shipping Weight	52.0 Kg.	55.0 Kg.	60.0 Kg.



Bangle Grooving Machine



Description / Model	BGM
Operating	Manual
Max. Thickness Can Profile	20 S.W.G.
Max. Width of Roller For Bangles	20 m.m.
Bangle profiling Diameter	1.3/8" to 3" (35 m.m. to 76 m.m.)
Ring Profiling Diameter	1/2" to 1" (12 mm to 25 mm)
Machine Dimension in cm.	20 x 19 x 29
Machine Weight	17.0 Kg.
Shipping Dimension in cm.	27 x 30 x 30
Shipping Weight	22.0 Kg.

Wire Drawing Machine (Six Pass)



Description / Model	WDM 001
Wire dia. Reduction Capacity	14 - 40 S.W.G.
Power Supply	1 hp / 0.75 kw. - 3 Phase
Wire Drawing Speed	22.8 (M/Min.)
Coolant Pump	0.12 hp / 0.09 kw - 3 Phase
Coolant Tank Capacity	7.5 Ltr.
Machine Dimension in cm.	106 x 43 x 116
Machine Net Weight	220.0 Kg.
Shipping Dimension in cm.	120 x 60 x 130
Shipping Weight	260.0 Kg.

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