




*Specialists in*


# TECHNICAL SHEET

Roller Mills are designed to reduce clay clods into very thin sheets while simultaneously stretching and tearing them by force of the pressure between two counter-rotating rollers. This action causes the mill to break off larger and tougher clods. Multiple roller mills can be utilized in processing lines for a high degree of refining to less than 1 mm. Our range of roller mills includes cylinders ranging in diameter from 800 mm up to 1200 mm with a variable width from 650 to 1200 mm in order to ensure coverage of all production requirements. Mounted Automatic Grinders are also available upon request to ensure perfect maintenance of the shells. Our machines' exceptional sturdiness and reliability, together with their simple maintenance needs, has created great demand for them in the marketplace.

## Features

- Strict retention of roller gap width.
- Hubs in cast iron and tempered (39) steel shafts.
- Adjustable Cylinder speed.
- Roller cylinders rotate in opposite directions and at different speeds.
- High-resistance Shells in nodular cast iron for greater resistance to wear and mechanical stress.
- Hardened Roller Shells HV: 600 ± 30 (GH580).
- Roller distance: 1 - 3mm.
- Mechanical or Hydraulic adjustment of roller distance.
- Hydraulic safety system with hydraulic pistons and nitrogen-charged accumulators.
- Scrapers in high-strength steel with pneumatic regulation.
- Automatic emergency roller stop system in case of accidental opening.
- Large SKF or FAG ball bearings.
- All components can be accessed externally for easy maintenance.
- Safety system with springs against any overloads.
- Mechanical or hydraulic cylinder adjustment available.
- Isolation pads between the machine frame and foundation.
- Laterally adjustable Protection Case for all moving parts.

	ROLLERS Ø x Length		HOURLY OUTPUT	POWER	WEIGHT
	mm	mm	from 1mm to 3mm m <sup>3</sup> / h	kW	kg
 <b>BEDESCHI</b>					
<b>LVP 8 - 12</b>	800	1.200	40 / 80	110 ÷ 110	23.000
<b>LPS 12x 10</b>	1.200	1.000	30 / 70	90 ÷ 55	19.000

	ROLLERS Ø x Length		HOURLY OUTPUT	POWER	WEIGHT
	mm	mm	from 1mm to 3mm m <sup>3</sup> / h	kW	kg
 <b>BONGIOANNI</b> MACCHINE					
<b>3 LR</b>	600	520	5 / 15	18,5 ÷ 22	2.850
<b>5 LR</b>	700	600	7 / 20	30 ÷ 37	3.885
<b>6 LR</b>	850	600	9 / 25	45	5.835
<b>7 LR</b>	1.000	700	12 / 32	55	10.000
<b>7 LRA (Single Drive)</b>	1.000	800	13 / 40	75	10.500
<b>7 LRA (Double Drive)</b>	1.000	800	13 / 40	75	10.600
<b>9 LR (Hydraulic)</b>	1.100	1.000	25 / 75	75 ÷ 55	14.500
<b>12 LV</b>	1.000	1.000	40 / 120	90 ÷ 110	18.000
<b>14 LV - B*</b> High Production Mill	1.000	1.200	60 / 180	110 ÷ 90	30.500

\* These new roller mills are for high production. It includes a cast iron hub, grinding machine, motors and PLC electric control panel. Almost new sleeves (80%).

	ROLLERS Ø x Length		HOURLY OUTPUT	POWER	WEIGHT
	mm	mm	from 1mm to 3mm m <sup>3</sup> / h	kW	kg
 <b>MORANO</b>					
<b>LA 4</b>	500	450	5 / 13	22	2.000
<b>LA 5</b>	600	500	7 / 18	37	2.900
<b>LA 6</b>	750	600	10 / 30	55	4.500
<b>LA 7</b>	900	650	15 / 40	75	6.800
<b>LA 8 (Single Drive)</b>	1.000	800	18 / 55	90	11.100
<b>LA 8 (Double Drive)</b>	1.000	800	18 / 55	37 ÷ 75	11.500
<b>LA 8 (Hydraulic)</b>	1.000	800	18 / 55	37 ÷ 75	11.500
<b>LA 9**</b>	1.200	900	25 / 75	55 ÷ 90	15.000
<b>LA 14 - S</b>	1.400	900	30 / 90	160 ÷ 90	31.000
<b>LA 14 - N</b>	1.400	900	30 / 90	37 ÷ 75	27.500
<b>LAV 8 - 12</b>	800	1.200	50 / 150	37 ÷ 75	23.000
<b>VELOX 10 -12 SP</b>	1.000	1.200	65 / 190	110 ÷ 160	30.000

\*\* The hydraulic system permits the machine to continue operating even with the entry of metal pieces: the hydraulic cylinder piston expand consenting the expulsion of metal components and the automatic repositioning for a new cycle.

Sixty years of experience



Thirty years of value