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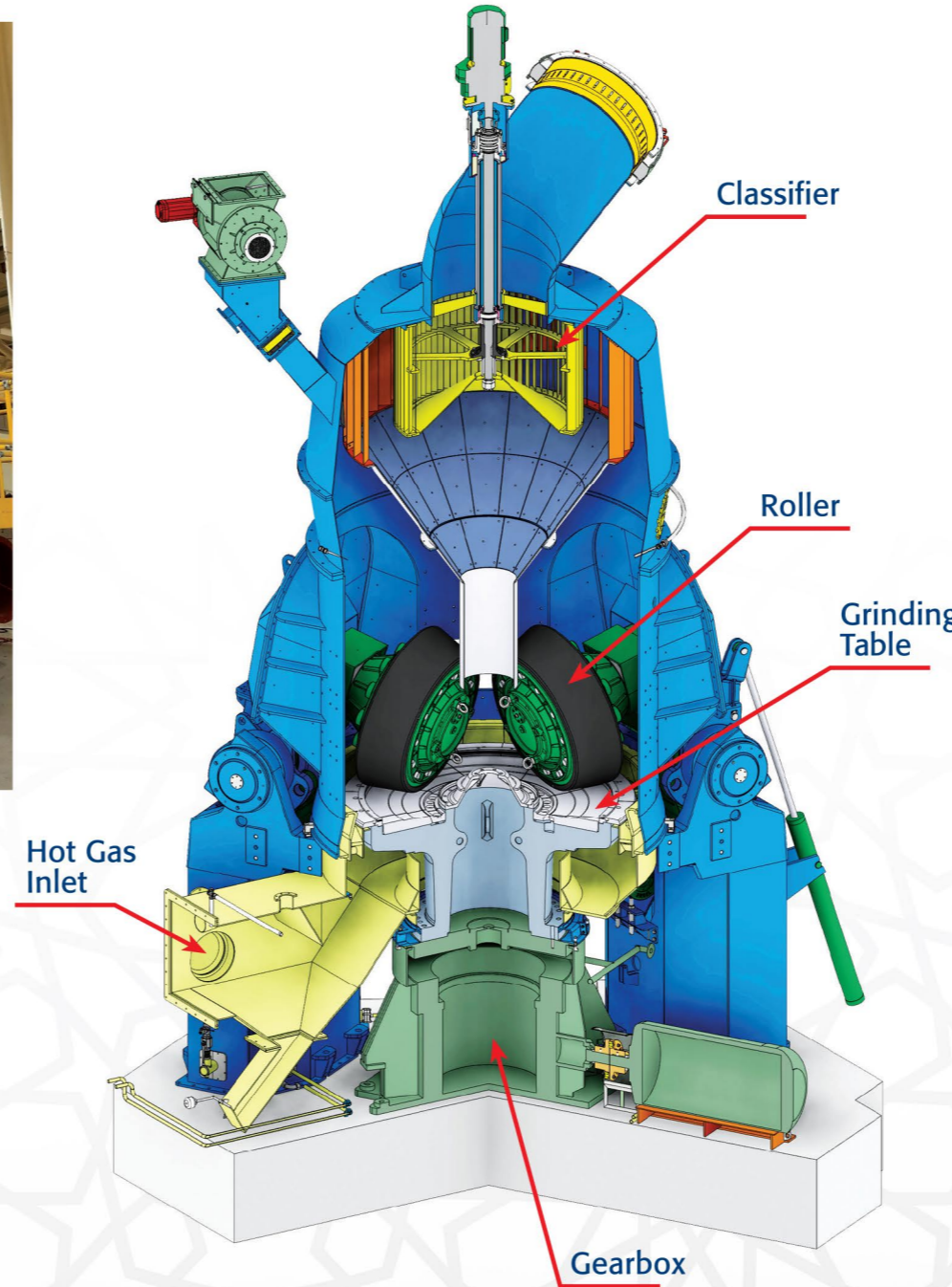
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Ersel Heavy Machinery established in 1987 and located in TOSB Industrial Zone, Kocaeli – TURKEY. Ersel Heavy Machinery, installs turn-key Mineral Processing Plants and produces equipments for Mining, Cement, Energy industries.

Vertical Roller Mills can make drying, grinding and classifying processes all in one compact machine. Alongside providing large capacities for the grinding of raw materials in soft and medium hardness, Vertical Roller Mills has high energy efficiency compared to other systems. Easily replaceable wear parts ensures the ease of maintenance. As Ersel Heavy Machinery team, we are proud to be the very first company in Turkey which has manufactured the Vertical Roller Mill and added to its product range.

ERSEL AĞIR MAKİNE A.Ş.



MAIN GRINDING MATERIALS

- Cement raw material
- Clinker
- Slag
- Ceramic raw material
- Kaolin
- Bentonite
- Coal, petrocake
- Dolomite
- Colemanite
- Talc
- Gypsum
- Calcite
- Limestone
- Lime

FEATURES OF THE VERTICAL ROLLER MILL

- Drying, grinding and classifying in one machine.
- Easy adjustment of product size
- Low specific power consumption
- Easily replaceable wear parts
- Compact design provides area efficiency
- Different type classifier option according to process
- Lower noise level



EQUIPMENT LIST OF GRINDING PLANT

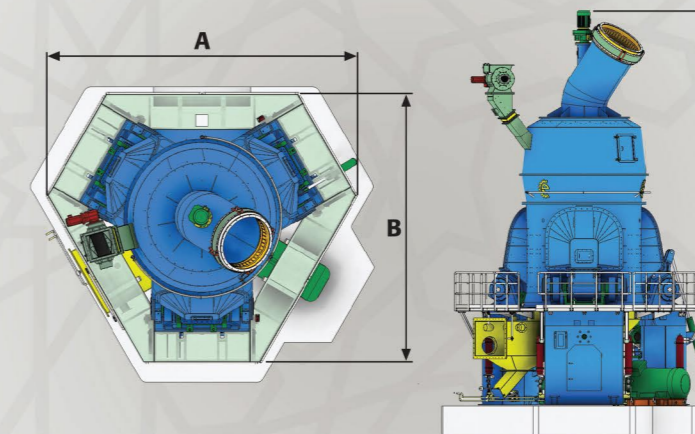
1. Feeding system
2. Weighted feeder
3. Table magnet
4. Feeding belt
5. Vertical roller mill
6. Cyclone
7. Filter
8. Fan
9. Pneumatic transfer system



Dry grinding plant with vertical roller mill.

Vertical Roller Mills

Type EVM	Table Diameter mm	No of Rollers pcs	Capacity t/h	Mill Motor Power kW	Classifier Motor Power kW
EVM 1200	ø 1200	2	10	132	11
EVM 1600	ø 1600	2	25	250	15
EVM 2000	ø 2000	2	40	400	30
EVM 2600	ø 2600	3	60	710	55
EVM 3000	ø 3000	3	95	1000	75
EVM 3500	ø 3500	4	150	1500	110
EVM 4000	ø 4000	4	200	2000	160
EVM 4500	ø 4500	4	275	2500	180
EVM 4800	ø 4800	4	320	3000	200
EVM 5000	ø 5000	4	350	3500	250
EVM 5300	ø 5300	3 + 3	400	3800	315
EVM 5500	ø 5500	3 + 3	450	4500	355



Type EVM	Dimensions (mm)			Weight kg
	A	B	H	
EVM 1200	2.920	2.450	7.200	34.000
EVM 1600	4.230	4.920	8.300	65.000
EVM 2000	3.500	3.600	10.500	93.000
EVM 2600	6.850	6.400	12.000	208.000
EVM 3000	8.000	7.400	13.000	220.000
EVM 3500	8.500	8.000	14.000	250.000
EVM 4000	9.500	9.000	15.200	450.000
EVM 4500	10.500	9.500	16.000	530.000
EVM 4800	11.000	10.000	18.000	610.000
EVM 5000	12.000	11.000	19.000	660.000
EVM 5300	12.800	11.800	19.500	710.000
EVM 5500	13.500	12.500	20.000	750.000