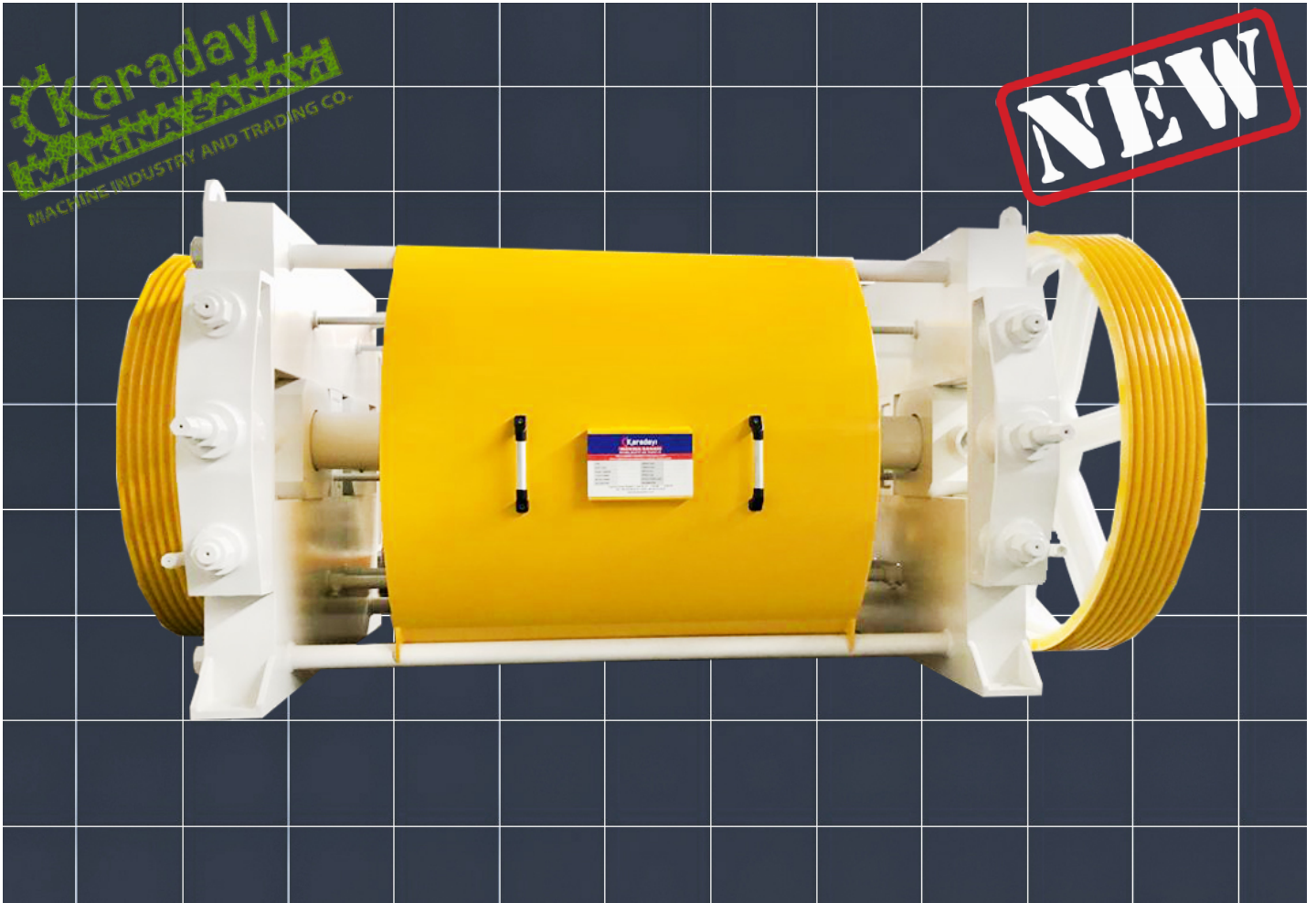


KARADAYI Stone Eliminating Roller Mill is designed for crushing, milling, and rough rolling stiff to hard materials with HRC hardness ranging from 46 to 50.

Stone Eliminating Roller Mill

TAV



KARADAYI Stone Eliminating Roller Mill

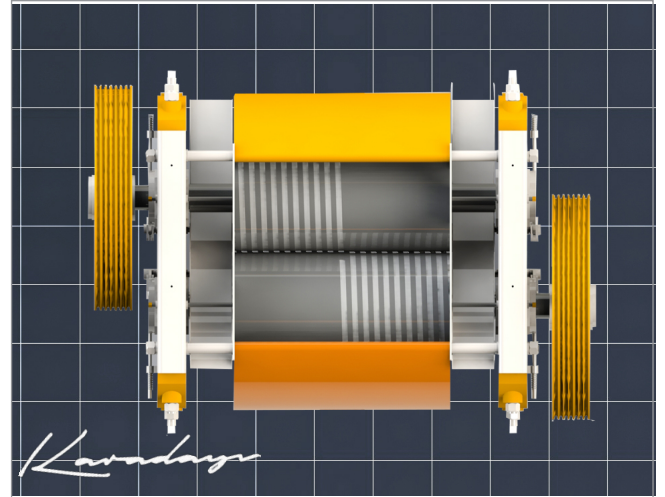
KARADAYI has a number of different concepts to offer for the effective primary size reduction of ceramic raw materials. Stone Eliminating Roller Mill by KARADAYI are used for crushing, comminuting and rough-rolling stiff to hard material up to HRC hardness 46 - 50 while eliminating small rocks and pebbles that the clay may contain.

The disintegrator's impact, shear and compressive forces combine to achieve an extremely favorable conditioning and comminuting effect.

Available in three different sizes with roller widths of 700, 800, 1000 and 1200 mm and throughputs of 40 to 90 m³/h compact (70 to 168 t/h wet).

Defining characteristics

- Solid frame designed to serve simultaneously as supporting structure
- Overload protection by laminated springs incorporated into the end bearings of the rocker arms
- Feed roller fitted with rocker arms for gap adjustment between 5 and 25 mm
- Higher size-reduction ratio thanks to larger number of impact bars » superior product quality
- Elimination of hard foreign bodies



Technical data

TYPE	Impact roller diameter / width mm	Feed roller diameter / width mm	Roller gap mm	Average final grain size ¹ up to approx. mm	Volumetric throughput ² m ³ /h compact	Throughput capacity ² t/h wet	Power requirement ³ kW
TAV 700	500 / 700	500 / 700	5 - 25	50 x 30 x 15	35	56	22 / 22
TAV 800	800 / 800	800 / 800	5 - 25	50 x 30 x 15	45	72	30 / 30
TAV 1000	600 / 1000	600 / 1000	5 - 25	50 x 30 x 15	50	80	37 / 37
TAV 1200	600 / 1200	600 / 1200	5 - 25	50 x 30 x 15	60	96	45 / 45

Feedstock hardness: HRC 44 - 46

¹ Average final grain size as function of feedstock and roller gap

² Volumetric throughput and throughput capacity as functions of feed size, roller gap, type of feed, at normal speeds

³ Power supply required as function of feedstock, feed size, roller gap, volumetric throughput and manner of feed

Subject to technical modification due to ongoing development.



SCAN ME