

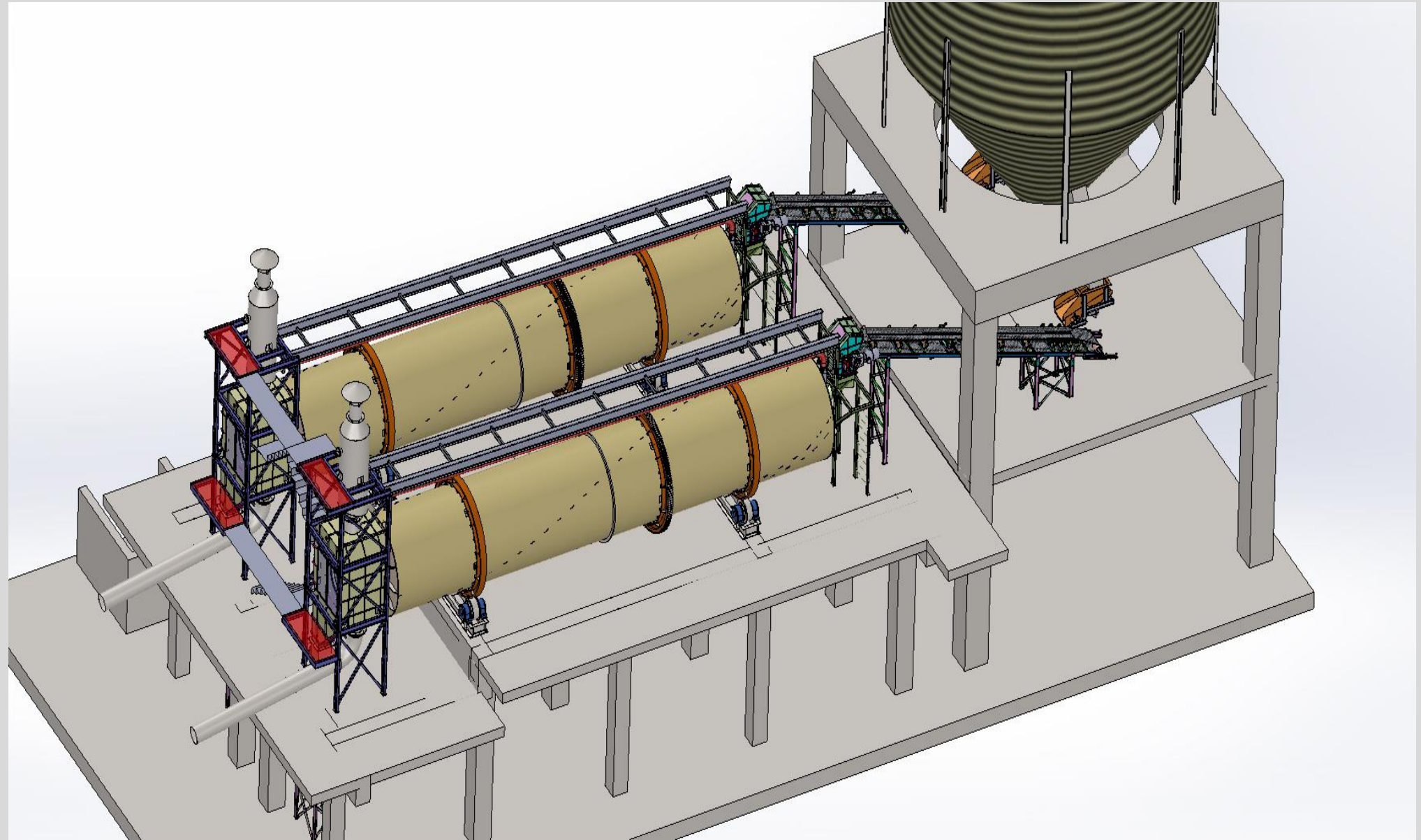
# {Lime Slaker}



- Lime milk preparation plant consists of lime crusher, bucket elevator, lime silo & feeders, vibrating screens and rotary drum lime slacker with a perforated shell to separate large un-slaked stones in addition to slag remover to remove small un-slaked lime grits
- The Rotary lime slacker theory of operation:-
- Slacking is a chemical reaction that occurs when quicklime ( $\text{CaO}$ ) is mixed with water. This reaction is commonly performed with an excess of water, and this creates solid calcium hydroxide particles floating in water called “Milk of Lime”
- NDESCO is very keen to provide well tested rotary lime slacker. According with the international standards, our lime slacker is exactly manufactured by utilizing the best raw material grade from a first class manufactures, high accuracy level machines for fabrication with very advanced technology in addition to the tests and best quality.
- Due to the selected anti corrosive material and the easy installation due to the perfect design, this lime slacker is appreciated by our clients

- NDESCO also is capable to supply the whole Lime milk Preparation Plant including the handling equipment and storing silos
- Equipment components :-
  - Supporting Rings
  - Pinion Gear assembly
  - Main gear
  - Thrust devices;
  - supporting rollers
  - Thrust roller
  - Scraper assembly
  - Outlet screen
  - Main drum
- Features and design benefits:
  - Heavy duty operation
  - Optimum work ability
  - Reliable performance
  - Rigid design

Model	ND-1500	ND-1800	ND-2000	ND-2500	ND-3000
Lime milk capacity(m3/h)	22-28	28-40	40-60	60-100	100-150
Lime milk density	13-15	13-15	13-15	13-15	13-15
Drum rotating speed(rpm)	6-10	6-10	6-10	6-10	6-10
Drum inner size(mm)	1500	1800	2000	2500	3000
Drum length(mm)	14000	16000	18000	18000	18000
Efficient volume index (%)	30	30	30	40	40
Motor power(kw)	9	11	15	18.5	22
Total weight(Kg)	19500	26500	34600	39200	49600















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