

## 1,100 TPH ThyssenKrupp Double Roll Crusher [Inventory ID #1352796]



### 1,100 TPH ThyssenKrupp Double Roll Crusher

One Primary Double Roll-Sizer, Type DRS1000x2000, and One Secondary Double Roll Crusher, Type WS14/20

- Make: ThysennKrupp
- Capacity: 1,100 TPH
- Model:
  - Primary: Double Roll-Sizer, Type DRS1000x2000
  - Secondary: Double Roll Crusher, Type WS14/20
- Condition: Good, Appears Unused
  
- Technical Data:
  - Primary RollSizer DRS 1000 x 2000 Center Sizer
    - Type: DRS 1000 x 2000 Center Sizer
    - Roll Width: 2,000mm
    - Distance of Rolls: 1,000mm
    - Feed Opening: 2,100mm x 2,000mm (Approx.)
    - Number of Crushing Rolls: 2
    - Peripheral Tip Speed of the Rolls: 2.1 m/s Low Speed (Approx.)
    - Type of Drive: Dual Drive (Not Included)
      - Power Required: 2 x 250kW
      - Speed: 1500 RPM
    - Two Mechanical Drives Incl.
      - Curved Tooth Coupling
      - Spur Gear Reducer with Oil Lubrication
      - Fluid Coupling Including Elastic Coupling
      - Parallel Shaft Speed Reducers
    - Protection of Drive Fluid Coupling: Reversible Rolls

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- Protection of the Drivetrain:
    - Speed Monitor to Indicate Stoppage of the Rolls
    - Hydraulic Fluid Coupling with Overheat Protection
    - PT 100 to Control the Temperature of the Bearings
  - Crusher Housing:
    - Side Walls and the Front Walls - Bolted and Welded Design
    - Bearing Housings for the Shaft Bearings
    - Standard Wear Protection for the Crushing Chamber
  - Crushing Rolls
    - Two Rolls, Supported in the Side Walls by the means of Antifriction Bearings (SKF/FAG)
    - Replaceable Crushing Tools (Including Special Tool for Exchanging of Crushing Picks)
    - Sealing Arrangement of the Antifriction Bearings
  - Secondary Double Roll Crusher WS 14 x 20
    - Type: WS 14 x 20
    - Roll Circle Diameter: 1,400mm (Approx.)
    - Roll Width: 2,000mm (Approx.)
    - Roller Shell Material: High Alloyed Steel
    - Feed Opening: 1,500mm x 1950mm (Approx.)
    - Number of Crushing Rolls: 2
    - Peripheral Speed of the Rolls: 6.5 m/s (Approx.)
    - Roller Gap: 80mm, Adjustable
    - Roller Tension and Protection System: Dual Hydraulic Cylinders
    - Type of Drive: Fixed Speed Drive with Different Velocity of Each Roller
      - Floating Roll: V-Belt Drive and Speed Reducer Gears, Flexible Coupling
      - Fixed Roll: V-Belt Drive and Speed Reducer Gear, Flexible Coupling
    - Required Drive: Not Included
      - 2 x 315kW
      - 1500 RPM
    - Two V-Belt Drives
      - Base Frames with Slide Rails
      - Gear Reducers
      - Flexible Couplings
      - Hydraulic Tensioning Devices
      - Pulleys and the V-belts Incl. Protection Hood
    - Protections of the Drivetrain:
      - Speed Monitor for the Rolls
      - PT 100 Temperature Control of Bearings



- Weight: 107,180kg Approx.
- Location: Europe

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