

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

- 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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