



ST01BB

ADVANCED DATA SHEET

DETAILS

Model Name

ST01BB

Model Title

43" X 28" Steel Slag Jaw Crusher

Category

Crushers

Type

Jaw

Brand

Neuson Hydrotec

Description

Empower your steel slag processing operations with the Neuson Hydrotec's ST01BB Steel Slag Jaw Crusher. Designed with an unwavering focus on efficiency and durability, this high-capacity crusher stands up to the toughest materials, thanks to its diesel / hydraulic drive system and robust construction, capable of handling input sizes of up to 31" in size. Choose between a stationary plant or tracked crusher for on-site mobility, the ST01BB is ready to meet the most demanding applications with a throughput capacity of up to 300 tons per hour. Built with top-tier engineering to withstand the extreme forces encountered in steel slag processing, the ST01BB boasts a hydraulic overload protection that ensures steady operation and minimizes costly downtimes. Fitted with a Patented system for automatic regulation, it adapts to different material consistencies and delivers an output from fines to 2.5" with 5% oversized material in a single pass. The 43" X 28" Steel Slag Jaw Crusher embodies Neuson Hydrotec's commitment to innovation, efficiency, and environmental sustainability, making it an excellent choice for steel slag processors aiming to recover iron and increase production efficiency and reduce carbon footprint.

PROCESSED MATERIALS

- Steel slag

RECOMMENDED USE

Best For Blast furnace slag, electric arc furnace slag, crushing of chrome, copper and chrome slag. High-performance crushing of hard, abrasive materials in construction, demolition, and mining

Good For Demanding projects needing a reliable and robust jaw crusher

Not Built For Soft or less challenging materials where a smaller, less powerful machine would suffice

Best Loader Large excavator

KEY SPECIFICATIONS

Ton per hour 300 tph

Operating Weight 115000 lbs

Size Out 0" - 2.5" (5% oversize)

OTHER SPECIFICATIONS**Size In** 31" x 24" x 16"**Transport Size (L x W x H)** 50' x 9'10" x 12"**Tank Capacity** 119 gals**Engine Power** 380 hp**Jaw Size** 43" x 28"**Max Rock Size In** 31" x 24" x 16"**Feed Height** 12'**Power Source** Diesel / hydraulic**Mobility** Tracked**Ad-blue tank volume** 12.4 gals**Engine Type** CAT-C9.3 US EPA Tier 4F**Working Size (L x W x H)** 50' x 9'10" x 12"

FEATURES

- Patented Automatic Regulation System: Automatically adjusts to material consistency changes, guaranteeing consistent output quality and minimizing waste.
- Recovery of valuable iron from the steelmaking process and extraction of marketable secondary raw materials.
- Heavy-duty design enables applications such as processing steelmaking slags, landfill processing, metal recycling, hard rock industry, and demanding materials in various industries.
- Hydraulic Overload Protection: Prevents interruptions in operation, protecting against expensive downtime and maintaining productivity as unbreakable material passes through the crushing chamber.
- High-Capacity Processing: Processes up to 300 tons per hour with input sizes up to 31", maximizing throughput and efficiency.
- Versatility in Operation: Offers both stationary and tracked mobility options, ensuring flexibility to meet varied operational requirements.
- Robust Construction: Built to withstand the harsh conditions of steel slag processing, increasing longevity and reducing maintenance costs.
- Diesel / Hydraulic Drive System: Delivers reliable performance with enhanced fuel efficiency, lowering operational expenses. Optional extra to choose the electrical / hydraulic configuration.
- Environmental Sustainability: Features a design aimed at lowering carbon emissions and efficient iron recovery, contributing to green processing initiatives and cost savings in waste management.