



# 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**

<b>Best For</b>	Blast furnace slag, electric arc furnace slag, crushing of chrome, copper and chrome slag
<b>Good For</b>	Difficult, hard materials
<b>Not Built For</b>	Concrete
<b>Best Loader</b>	Large excavator

**KEY SPECIFICATIONS**

<b>Size In</b>	31" x 24" x 16"
<b>Engine Power</b>	380 hp
<b>Max ton per hour</b>	300 tph
<b>Operating Weight</b>	115000 lbs
<b>Size Out</b>	0" - 2.5" (5% oversize)

**OTHER SPECIFICATIONS**

**Transport Size (L x W x H)** 50' x 9'10" x 12"

**Tank Capacity** 119 gals

**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.