



MRP40300

ADVANCED DATA SHEET

DETAILS

Model Name

MRP40300

Model Title

Tracked Slag Screening Plant

Category

Screeners

Type

Slag

Brand

Neuson Hydrotec

Description

Sustainable slag processing with the Neuson Hydrotec MRP40300 Screener. Designed for the specific challenges faced by slag producers and specialists in iron recovery, this robust piece of equipment is a powerhouse in material refinement. With capabilities of handling input sizes up to 31" and processing up to 300 tons per hour, efficiency becomes the hallmark of your operations. Equipped with a diesel-hydraulic drive system powered by a CAT-C4.4 TTA engine, the MRP40300 offers unparalleled flexibility and compliance with US EPA Tier 4F environmental standards. Prefer an electric-hydraulic drive? The MRP40300 has you covered with the option to purchase with a powerful electric / hydraulic setup. Three overband separators work together to ensure that materials are accurately sorted, with magnetic separation cleanly removing iron, facilitating its return to steel production. Furthermore, the MRP40300 stands as a testament to Neuson Hydrotec's dedication to creating custom heavy machinery tailored for rigorous demand. Its specialized design facilitates a variety of use cases, from steel mill slag to electric furnace slag or even reconditioning old landfills. True to Neuson Hydrotec's reputation, this machine conquers even the toughest materials, optimizing recovery and reducing your carbon footprint. Discover durable and reliable performance with the MRP40300 – your key to efficient and eco-friendly slag processing.

PROCESSED MATERIALS

- Steel slag

RECOMMENDED USE

Best For Processing and crushing slag in industrial applications, particularly in metal recycling. Blast furnace slag, electric arc furnace slag, crushing of chrome, copper and chrome slag

Good For Heavy-duty crushing tasks where robustness and reliability are critical.

Not Built For Light material processing or small-scale projects where less power is needed. Production of soft aggregate.

Best Loader Large excavator or Neuson Hydrotec ST01BB steel slag jaw crusher

KEY SPECIFICATIONS

Size In up to 31"

Size out A 2" to 8"

Size Out C 0" to 3/4" (C-scrap)

Engine Power 172 hp

Ton per hour 300 tph

Size Out oversize > 8"

Size out B 3/4" to 2" (B-scrap)

OTHER SPECIFICATIONS

Transport Size (L x W x H) 46'10" x 9'10" x 12'4"

Tank Capacity 106 gallons

Feed Height 12'4"

Power Source Diesel Hydraulic

Operating Weight 97003 lbs

Mobility Tracked

Ad-blue tank volume 5 gallons

Engine Type CAT-C4.4 TTA

Working Size (L x W x H) 46'10" x 26'7" x 12'4"

FEATURES

- Vibrating feed and dosing unit for continuous feed of the bulk material onto the screening media
- A vibrating sieve for separation into up to 4 different material sizes
- Up to 3 magnetic separators for separating magnetizable material and improving the iron recycling process
- The discharge belts for continuous flow
- The MRP403000 is a track-mounted plant, offering mobility and versatility in its deployment, making it suitable for various on-site processing needs
- It is specifically targeted towards slag recycling companies and renowned steelworks, indicating its suitability and effectiveness in industrial settings
- High Capacity Processing: Capable of handling input sizes up to 31" and processing up to 300 tons per hour maximizing productivity and throughput, ensuring large volumes of material can be processed.
- Equipped with a diesel-hydraulic drive powered by a CAT-C4.4 TTA engine, with an option for an electric/hydraulic setup for your environmental needs.
- Compliance with Environmental Standards: Adheres to US EPA Tier 4F environmental standards. Ensures operations are environmentally compliant, reducing the carbon footprint sustainability objectives.
- Designed for a wide range of applications including steel mill slag, electric furnace slag, and reconditioning old landfills. Making it an invaluable asset across various industries and projects.
- Robust and Durable Design: Heavy machinery that withstands rigorous demands for long-term reliability and durability in the toughest

conditions, while minimizing
maintenance costs.
