



Barford SR124

Scalper Screener Advanced Data Sheet

Details

Manufacturer	Barford
Model	SR124
Category	Scalper Screeners

Overview

The Barford SR124 stands out as one of the largest mobile scalping machines, with a compact footprint that allows for permit-free transportation and usage on residential sites. This high-production screener features two expansive 12' X 4'2" screening decks.. It efficiently processes various materials, including soil, sand, gravel, coal, topsoil, cotton burbs, overburden, and demolition debris, maintaining high capacity throughout the day. Customize your screen decks to produce on-spec DOT approved 3/4 inch, pea gravel, and 57 rock. Equipped with tracks, the SR124 is easily relocatable between job sites. It is user-friendly and can be set up and ready to screen in just 15 minutes. Additionally, the Barford SR124 features an onboard dual diesel/electric system, standard with purchases from Machinery Partner, which can significantly reduce your fuel expenses. The screener can also be powered by mains electricity, making it ideal for noise-restricted and residential job sites. Pair the Barford SR124 with the Barford 750J jaw crusher to create a powerful crushing plant. This combination enhances your operation's efficiency, providing seamless crushing and screening capabilities on site. Together, they deliver unmatched performance and flexibility, making them a perfect duo for any demanding project.

Processed Materials

Compost, Concrete, Demolition Waste, Gravel, Rock, Sand, Soil, Stone, Topsoil

Recommended Use

Best For	Sizing and separating aggregates and concrete to make DOT or spec material
Good For	Screening topsoil, dry compost, rock, wood chips

Not Built For	Wet materials, clay, materials that need to be washed, large quantities of wet/sticky compost
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Best Loader	Mid-sized excavator, Crusher (Barford 750J, ARK J2716)
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Specifications

Top Deck Screen	20"
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Transport Size (L x W x H)	36'9" X 7'7" X 9'4"
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Bottom Deck Screen	Down to 0.4"
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Tank Capacity	87 gallon
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Fuel Consumption	2.8 gal/h
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Engine Power	74 hp
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Ton per hour	Up to 300 tph
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Feed Height	9'
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Number Of Decks	2
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Stockpile Height	10'2"
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Power Source	Diesel Hydraulic
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Operating Weight	Up to 38,600 lb
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Size Out	0.25" - 8"
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Deck Size	12' X 4'2"
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Mobility	Mobile
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Engine Type	CAT Stage 5
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Working Size (L x W x H)

37'5" X 34'7" X 10'2"

Features

- ✓ Efficiency: Screen up to 300 tph and process a variety of materials, ensuring high throughput screening
- ✓ Cost Savings: Dual diesel/electric system significantly reduces fuel expenses by allowing you to hook the screener up to the grid
- ✓ Compact Design: Compact footprint allows for permit-free transportation and usage on residential sites
- ✓ Telescopic extending side conveyors
- ✓ 40" Chevron overs belt
- ✓ 40" Heavy feeder belt
- ✓ Flexibility: Easily relocatable with tracks and customizable screen decks for varied production needs
- ✓ Capable of being powered by mains electricity, perfect for noise-restricted and residential job sites
- ✓ High Production Capacity: With two expansive 12' X 4'2" screening decks
- ✓ Impact bed in hopper
- ✓ 42" Fines collection conveyor

Add-Ons

Hopper Extensions

Increase the hopper capacity of the SR124 so you can load with bigger buckets and more material.

Hydraulic Rams added to Extensions

Add hydraulic rams to your hopper extensions so they can be folded down for transportation.

Dual Power Diesel/Electric

Convert your SR124 drive system to a dual power diesel/electric system for silent operation in built up areas and better fuel efficiency.

Barford SR124 Screener - Spares Base Package

Spare parts package including common wear parts.

Punch Plate on Top Deck

For tougher applications, replace your top screening deck with a metal punch plate. Punch plate mesh can take more wear-and-tear meaning you will replace it less often.

Wireless Remote

Wireless remote allows an operator to control your crusher from a distance or from the cab of an excavator. It gives you full control over your machine's jaw, conveyors, and tracks.

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