



SR124

ADVANCED DATA SHEET

DETAILS

Model Name SR124

Model Title 12' x 4'2" Three Way Screener

Category Screeners

Type Scalper

Brand Barford

Description

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, a Cat/Perkins Stage 5 engine, and can screen up to 300 tph. 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
Best Loader	Mid-sized excavator, Crusher (Barford 750J, ARK J2716)

KEY SPECIFICATIONS

Ton per hour	300 tph
Size Out	Down to 1/4"

OTHER SPECIFICATIONS

Size In	Up to 20"
Top Deck Screen	Up to 20"
Transport Size (L x W x H)	36'9" x 7'7" x 9'4"
Bottom Deck Screen	Down to 1/4"
Engine Power	74 hp
Feed Height	9'
Number Of Decks	2
Stockpile Height	10'2"
Operating Weight	38,600 lbs
Deck Size	12' x 4'2"
Mobility	Full Mobile
Engine Type	CAT Stage 5
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
- Flexibility: Easily relocatable with tracks and customizable screen decks for varied production needs
- Cost Savings: Dual diesel/electric system significantly reduces fuel expenses by allowing you to hook the screener up to the grid
- Capable of being powered by mains electricity, perfect for noise-restricted and residential job sites
- Compact Design: Compact footprint allows for permit-free transportation and usage on residential sites
- High Production Capacity: With two expansive 12' X 4'2" screening decks
- Telescopic extending side conveyors
- Impact bed in hopper
- 40" Chevron overs belt
- 42" Fines collection conveyor
- 40" Heavy feeder belt

ADD-ONS	DESCRIPTION
[Included] 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.
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.
Hydraulic Rams added to Extensions	Add hydraulic rams to your hopper extensions so they can be folded down for transportation.
Hopper Extensions	Increase the hopper capacity of the SR124 so you can load with bigger buckets and more material.
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.
Barford SR124 Screener - Spares Base Package	Spare parts package including common wear parts.