The 24" Low Profile Scalper features scalping and aspiration in a single machine to provide a high capacity method for removing roughage, light fines and chaff in a single pass. High capacity stand-alone pre-cleaning where installation conditions demand a low-profile machine. We use all of the features of our 24" Scalperator in our low profile size less the feed roll gate.

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Complete laboratory service is at your disposal. Carter Day's facility enables us to test your unique product samples in our laboratory on our full size equipment to aid in determining the right machine for your application. This test equipment is also for sale. We invite you to participate in tests conducted at our facility in Minneapolis, Minnesota USA.

**CAPACITIES BASED ON 3/4" x 3/4" MESH SCALPING SCREENS**

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<thead>
<tr>
<th>Width</th>
<th>Capacity (Bushels/hour)</th>
<th>Weight (Pounds)</th>
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<td>1000</td>
<td>1800</td>
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<td>3600</td>
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<td>5400</td>
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**WEIGHTS**

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<td>5550</td>
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**DIMENSIONS**

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</table>

**MODELS & SPECIFICATIONS**

- **11" MODULAR SCALPERATOR**
  - CAPACITIES BASED ON 3/4" x 3/4" MESH SCALPING SCREENS
  - **WEIGHTS**
    - 1020 lbs (463 kg)
    - 1450 lbs (658 kg)
    - 1880 lbs (853 kg)
    - 2310 lbs (1048 kg)
  - **DIMENSIONS**
    - 51" x 56" x 73"
  - **NOTE**
    - (Alternative scalping screen sizes available)

- **24" MODULAR SCALPERATOR**
  - CAPACITIES BASED ON 3/4" x 3/4" MESH SCALPING SCREENS
  - **WEIGHTS**
    - 1800 lbs (816 kg)
    - 2510 lbs (1138 kg)
    - 3290 lbs (1495 kg)
    - 3975 lbs (1808 kg)
  - **DIMENSIONS**
    - 91" x 56" x 73"
  - **NOTE**
    - (Alternative scalping screen sizes available)

- **CARTER DAY INTERNATIONAL, INC.**
  - 500 73rd Ave. N.E.  Minneapolis, Minnesota  55432
  - Tel: (763) 571-1000  Fax: (763) 571-3012  www.carterday.com

- **AG40 - 10/13**

**WORLDWIDE REPRESENTATION**

- **US METRIC**
  - 24" MODULAR SCALPERATOR
  - **DIMENSIONS**
    - 72" x 56" x 73"
  - **WEIGHTS**
    - 2310 lbs (1048 kg)
    - 3975 lbs (1808 kg)
  - **NOTE**
    - (Alternative scalping screen sizes available)

- **11" MODULAR SCALPERATOR**
  - **DIMENSIONS**
    - 51" x 56" x 73"
  - **WEIGHTS**
    - 1020 lbs (463 kg)
    - 1500 lbs (680 kg)
    - 2000 lbs (907 kg)
    - 2500 lbs (1134 kg)
  - **NOTE**
    - (Alternative scalping screen sizes available)
For more than 75 years Carter Day has been manufacturing quality equipment. We continue this tradition with the 24" Scalperator for high capacity, one pass cleaning of incoming or outgoing grains, seeds, and rice.

The 24" Scalperator features scalping, rescalping and aspiration in a single machine to provide a high capacity method for removing roughage, light fines and chaff in a single pass. Incoming grain passes through a rotating wire mesh scalping reel eliminating roughage and other over-sized materials, a rescalping reel reclaims any good material from the overs, and high volume aspiration then removes the light materials.

Performance-engineered aspiration chamber and flow-modulated air lock valves provide consistent cleaning of the product and our simplified design provides for easy clean out and routine maintenance.

Operator friendly machine controls provide accurate control of all process variables. Optional feedback indicators on critical process variables provide enhanced repeatability and accurate machine set-up. Impact resistant polycarbonate windows allow the operator to monitor cleaning performance. Simplified design provides for easy clean out and access for routine maintenance.

The 11" Scalperator provides lower capacities in a low-profile design, shares many of the features of the 24" Scalperator. The 11" Scalperator line is designed to be coupled directly to many of our cleaning machines which require pre-cleaning of the incoming product before finish cleaning. It can also be used as a stand-alone pre-cleaner where installation conditions demand a low-profile machine.

The shared features of the 24" Scalperator found in the 11" model are defined in the below flow diagram.

Round Hole Perforated Scalping Reels custom punched and specially hardened by Carter Day provides unmatched Scapling Cleaning. The terrific cleaning of sticks, straw, pods, string etc. comes from the proper matching of round hole mesh scalping reeal and wiper blades.

Patented Molded Elastomer Wiper Blades provide critical cleaning of the Scapling and Rescapling Reel. The terrific cleaning of sticks, straw, pods, string etc. comes from the proper matching of round hole mesh scalping reeal and wiper blades.

A molded urethane feed roll accurately controls the process feed rate as the product enters the air wash. The VFD controlled variable speed drive of the feed roll controls the feed roll and feed roll gate RPM to accommodate variety of feed rate ranges.

A molded urethane feed roll gate accurately controls the process feed rate as the product enters the air wash. The VFD controlled variable speed drive of the feed roll controls the feed roll and feed roll gate RPM to accommodate variety of feed rate ranges.

The HTD drive package provides increased reliability and decreased downtime with minimal adjustment and maintenance.

The ROCK PLATE ensures high capacity scalping performance and minimizes rock and other particulate buildup behind the scalping reel. The correct setting of the rock plate position establishes stick separation.

The HTD drive package provides increased reliability and decreased downtime with minimal adjustment and maintenance.

Patented Molded Elastomer Wiper Blades provide critical cleaning of the Scapling and Rescapling Reel. The terrific cleaning of sticks, straw, pods, string etc. comes from the proper matching of round hole mesh scalping reeal and wiper blades.

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