This catalog contains all of Cold Jet’s SDI-5 Product Offerings. All part numbers are included in the catalog. Cold Jet will always ship the latest version of each part. Invoices will always reflect the latest revision level numbers.

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<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hopper capacity ..................................... up to 120 lbs (54.5 kg) capacity</td>
</tr>
<tr>
<td>Variable feed rate ................................... 1 to 6 lbs (0.5 to 2.7 kg) per min</td>
</tr>
<tr>
<td>Blast pressure range .................................. 40 to 250 psi (2.8 to 17.2 bar)</td>
</tr>
<tr>
<td>Weight .................................................. 430 lbs (195 kg)</td>
</tr>
<tr>
<td>Size (L x W x H) ...................................... 37” x 24.5” x 45”</td>
</tr>
<tr>
<td>.................. (94 cm x 62.2 cm x 114.3 cm)</td>
</tr>
<tr>
<td>12-month warranty (extended warranty packages available)</td>
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</tbody>
</table>
SDI-5

This versatile dual-hose all pneumatic blasting system utilizes dry ice block, pellets, or nuggets to create a blast stream at blast pressures ranging from 40 to 250 psi (2.8 to 17.2 bar).

- **120 lb (54.5 kg) hopper**
- **Fork lift tubes ensure balance and safety when moving and lifting**
- **Variable dry ice pellet feed rate of 1 to 6 lbs (0.5 to 2.7 kg) per minute**
- **Hose hanging devices keep hoses safely stored on machine**

The dry ice blasting system includes one length of dry ice blast applicator and hose assembly, one length of air hose, customer-specified nozzle (with appropriate handle if applicable) and stinger.
Dual Hose Blast Hose Assembly

Lightweight, ergonomic design allows to blast comfort during long periods of times at blast pressures up to 250 psi (17.2 bar). Assembly comes with 25' (7.6 m) blast and air hose, and applicator. Applicator can be used with dry ice pellets as well as sugar-sized granules produced from shaved block dry ice.

Part #: 2E0406

Variable Flow Aggressive Nozzles

Full pressure barrel blast nozzles in Black ABS or Aluminum. Nozzles have 1 1/4” (3.18 cm) OD. Minimum required flow rates range from 70 to 240 SCFM (2 to 6.8 m³/min) at 25 to 250 psi (1.7 to 17.2 bar).

<table>
<thead>
<tr>
<th>Length</th>
<th>Series 51</th>
<th>Series 53</th>
<th>Series 56</th>
<th>Series 63</th>
</tr>
</thead>
<tbody>
<tr>
<td>3” (7.6 cm)</td>
<td>5E0938</td>
<td>5E0944</td>
<td>5E0950</td>
<td>5E0956</td>
</tr>
<tr>
<td>5” (12.7 cm)</td>
<td>5E0940</td>
<td>5E0946</td>
<td>5E0952</td>
<td>5E0958</td>
</tr>
<tr>
<td>8” (20.3 cm)</td>
<td>5E0942</td>
<td>5E0948</td>
<td>5E0954</td>
<td>5E0960</td>
</tr>
</tbody>
</table>

First part number in series represents Black ABS, second number represents Aluminum

Extended Lengths available from 18” to 36” (45.7 cm to 91.4 cm) in Black ABS

Part #: 5E0976-Length

2.4” (6 cm) Blast swath

Length 15.5” (39.4 cm) Requires 85 SCFM (2.4 m³/min) Includes handle and base fitting (shown)

Part #: 5E0971 - Aluminum 5E0972 - Stainless Steel

Flexible Nozzle

Length: 8’ (20.32 cm) Allows you to gently shape the barrel to get around obstructions that block your cleaning path. Due to its diameter, this nozzle is low-flow and may be less aggressive than larger diameter nozzles.

Part #: 5E0974 - 5/8” (1.6 cm) Diameter 5E0975 - 1/2” (1.3 cm) Diameter

Air Hose

• Used to carry pressurized air from air source to blast unit.
• Includes swivel adapters.
• For each length of hose ordered, order one Whip Check!

Part #: 2N0146-G1 - 1” (2.5 cm) ID 300 psi (20.7 bar), 25’ (7.6 m) Section

Dual Hose Blast Hose Assembly

Lightweight, ergonomic design allows to blast comfort during long periods of times at blast pressures up to 250 psi (17.2 bar). Assembly comes with 25’ (7.6 m) blast and air hose, and applicator. Applicator can be used with dry ice pellets as well as sugar-sized granules produced from shaved block dry ice.

Part #: 2E0406

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USA: +1-800-337-9423 • BELGIUM: +32 (0)13 53 95 47 • DEUTSCHLAND: +49 (0)6551-9606-0
CANADA: +1-800-337-9423 x501 • LATIN AMERICA: +52 81 14781267
Nozzle Accessories

Choosing a Stinger for your nozzle (using combination chart below):

- Determine your desired blast pressure, if you wish to blast at 90 psi (6.2 bar), choose an LF-85, MF-85, or HF-85 stinger, each with an operating range of 50 - 100 psi (3.4 - 6.9 bar).
- Based on the air flow rate your compressor can provide, choose a Low Flow, Medium Flow, or High Flow stinger. (For maximum cleaning aggression, choose the highest air flow available from your compressor).
- Once you have selected a stinger, examine the chart below to determine which nozzle series (above) is appropriate for that stinger.

EXAMPLE: If you wish to blast at 90 psi (6.2 bar) and your compressor can supply 160 SCFM (4.5 m³/min), you would choose an MF-85 stinger and a matching nozzle from Series 53.

<table>
<thead>
<tr>
<th>STINGER-PSI</th>
<th>Desired Operating Range</th>
<th>Minimum Required Flow Rate</th>
<th>Stinger</th>
<th>51</th>
<th>53</th>
<th>56</th>
<th>63</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Flow</td>
<td>LF-50</td>
<td>25 - 50 psi (1.7 - 3.4 bar)</td>
<td>70 SCFM (2.0 m³/min)</td>
<td>5E0962 ♦</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>LF-85</td>
<td>50 - 100 psi (3.4 - 6.9 bar)</td>
<td>110 SCFM (3.1 m³/min)</td>
<td>5E0963 ♦</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>LF-125</td>
<td>100 - 125 psi (6.9 - 8.6 bar)</td>
<td>160 SCFM (4.5 m³/min)</td>
<td>5E0964 ♦</td>
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<td></td>
<td></td>
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<tr>
<td>Med. Flow</td>
<td>MF-50</td>
<td>25 - 50 psi (1.7 - 3.4 bar)</td>
<td>120 SCFM (3.4 m³/min)</td>
<td>5E0965 ♦</td>
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<td></td>
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<tr>
<td></td>
<td>MF-85</td>
<td>50 - 100 psi (3.4 - 6.9 bar)</td>
<td>150 SCFM (4.2 m³/min)</td>
<td>5E0966 ♦</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>MF-125</td>
<td>100 - 125 psi (6.9 - 8.6 bar)</td>
<td>225 SCFM (6.4 m³/min)</td>
<td>5E0967 ♦</td>
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<tr>
<td>High Flow</td>
<td>HF-50</td>
<td>25 - 50 psi (1.7 - 3.4 bar)</td>
<td>125 SCFM (3.5 m³/min)</td>
<td>5E0968 ♦</td>
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<td></td>
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<tr>
<td></td>
<td>HF-85</td>
<td>50 - 100 psi (3.4 - 6.9 bar)</td>
<td>195 SCFM (5.5 m³/min)</td>
<td>5E0969 ♦</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>HF-125</td>
<td>100 - 125 psi (6.9 - 8.6 bar)</td>
<td>240 SCFM (6.8 m³/min)</td>
<td>5E0970 ♦</td>
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</tbody>
</table>

Nozzle Handle
Adjustable Tube Handle
1 1/4” (3.2 cm) OD
Slides easily and rotates around nozzle and extension tube for optimal control
Allows for horizontal and vertical orientation
Part #: 2E0419

Safety Accessories

Fire Sleeve
- Recommended if blast hose might be exposed to temperatures above 180°F (82.26°C)
- Allow 4’ (1.2m) to 15’ (4.6m) coverage for area of blast hose subject to high heat
Part #: 4N0153 - 1 1/4” (3.2 cm) OD

Whip Check
- Recommended for each length of air hose
Part #: 4Z0051

Safety Kit
- Meets OSHA requirements for operator noise protection (with the use of properly rated and worn ear plugs)
- Kit includes the following:
  - 100 sets of ear plugs
  - 2 ear protectors
  - Eye protector shield
  - Gloves
  - Dry ice scoop or block handler
Part #: 2Z0001 (includes dry ice scoop)
2Z0001-1 (includes block handler)

Block Handler
- Allows for easy transporting of Dry Ice Block
Part #: 70540-001
<table>
<thead>
<tr>
<th>Qty</th>
<th>Part No.</th>
<th>Part Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>70407-014</td>
<td>U-Joint, Telescoping</td>
</tr>
<tr>
<td>1</td>
<td>70407-015</td>
<td>U-Joint, Telescoping</td>
</tr>
<tr>
<td>1</td>
<td>70407-019</td>
<td>U-Joint, Telescoping</td>
</tr>
<tr>
<td>1</td>
<td>12638-001A</td>
<td>Wheel Hub</td>
</tr>
<tr>
<td>1</td>
<td>12626-001D</td>
<td>Shaft, Wheel</td>
</tr>
<tr>
<td>1</td>
<td>12633-000B</td>
<td>Knives {Set Of Three}</td>
</tr>
<tr>
<td>1</td>
<td>70233-003</td>
<td>Auto Drain,Filter {For -002}</td>
</tr>
<tr>
<td>1</td>
<td>70233-006</td>
<td>Element,Filter,40 Micron {For -002}</td>
</tr>
<tr>
<td>1</td>
<td>70233-007</td>
<td>Repair Kit, Filter {For -004}</td>
</tr>
<tr>
<td>1</td>
<td>70233-009</td>
<td>Element,Filter {For -008}</td>
</tr>
</tbody>
</table>
Warranty Information

Cold Jet® ("CJ") warrants its products ("Equipment") provided under this Agreement to be free from defects in materials and workmanship for a period of 12 months, under normal use, maintenance and service as stipulated in the Operator’s Manual. CJ warrants that the equipment will be in good working order on the Date of Shipment and will conform to CJ’s official published specifications.

The warranty period is 12 months for CJ manufactured Equipment. Original Equipment Manufacturers’ warranties provided by CJ on equipment purchased under this Agreement not manufactured by CJ will be passed through to the Buyer. The warranty period commences on the Date of Shipment of the Equipment.

CJ’s liability is limited to repairing or replacing, at its option, any covered part of its Equipment, which CJ has determined to be defective. Said repair or replacement will be made by CJ or its authorized representative free of charge to the Buyer, except for any freight or travel expenses, during the warranty period. Any replaced part will become the property of CJ. If, after repeated efforts, CJ is unable to restore its Equipment to good working order, or to replace the defective parts as warranted, CJ may, at its discretion, replace the Equipment in its entirety. Any claim must be made to CJ, in writing, within 30 days of discovering the defect and any claim not made within that period shall be deemed waived or released, and thus denied.

Warranty service provided under this Agreement does not assume uninterrupted operation of the Equipment. The suitability of the equipment for the purpose intended is not included in the warranty.

This warranty shall not apply and CJ shall be neither responsible nor liable for:

a) Consequential, collateral or special losses or damages;
b) Equipment conditions caused by abnormal conditions of use, accident, neglect or misuse of equipment, improper storage or damages resulting during shipment as determined by CJ;
c) The replacement of normal wear items, including but not limited to air, blast and whip end hoses;
d) Deviation from the Equipment’s prescribed maintenance programs, replacement parts, operating instructions, specifications or other terms of sale;
e) Labor charges, loss or damage resulting from improper operation, maintenance or repairs made by person(s) other than CJ or CJ-authorized service representatives;
f) Improper application of the product. In no event shall CJ be liable for claims in excess of the purchase price, whether there is a breach of contract or warranty claim of negligence or negligent manufacture.

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