

# ICE TECH

powered by  Cold Jet®

## Evolution Line

# Xcel 6



 **Cold Jet**®  
the force of nature

Evolve the way you clean your equipment with the enhanced Xcel 6. Designed with advanced operating principles, the Xcel 6 maintains a smooth cleaning performance while enhancing dosing disc operation. With a small footprint and a stainless steel frame, the Xcel 6 is designed to provide a reliable cleaning solution with minimal air requirements.

- Stainless steel body
- Insulated hopper
- Allen Bradley safety relay
- Easy-adjusting dosing system

The Xcel 6 supports short blasting sequences with low dry ice consumption. Due to its compact size and gentle cleaning capabilities, the Xcel 6 is an excellent cleaning solution for delicate equipment components.

### IceTech Dry Ice Blasting:

- Multifunctional
- Environmentally responsible
- Non-abrasive
- Non-toxic
- Non-conductive
- Completely dry
- Void of secondary waste
- Cleans equipment online
- Cleans equipment at operating temperature
- Less power consumption
- Lowest cost of ownership on the market

## What makes the Evolution Line different?

The Evolution Line provides the perfect universal dry ice blasting experience. The insulated lid and hopper helps eliminate clumping of the dry ice and provides trouble-free blasting. The stainless steel frame provides a high strength, scratch-resistant machine designed to keep up with the toughest conditions, while still suitable for lighter applications like those found in the food and pharmaceutical industries.

| TECHNICAL DATA:                   | Xcel 6   |
|-----------------------------------|--|
| <b>Dimensions mm/inch:</b>        |  |
| Length:                           | 480 / 18.8   |
| Width:                            | 520 / 20.4   |
| Height Incl. handle:              | 930 / 36.6   |
| <b>Weight:</b>                    |  |
| kg./lbs:                          | 54 / 120   |
| <b>Dry Ice Capacity:</b>          |  |
| kg: / .lbs                        | 6 / 13   |
| <b>Dry Ice Consumption:</b>       |  |
| kg/hr:                            | 15 - 40  |
| lbs/min:                          | 0.6 - 1.46   |
| <b>Supply Pressure:</b>           |  |
| bar:                              | min 5 - max 10   |
| psi:                              | min 72 - max 145   |
| <b>Blasting Pressure:</b>         |  |
| bar:                              | min 2 - max 10   |
| psi:                              | min 29 - max 145   |
| <b>Air Consumption:</b>           |  |
| Nm <sup>3</sup> /min:             | 0.7 - 3.7  |
| cfm:                              | 29 - 131   |
| (depending on nozzle combination) |  |
| <b>Compressed Air Connection:</b> | ¾" claw coupling   |
| <b>Air Quality:</b>               | According to ISO 8573-1 Class 3 for environment temperature below + 5°C / 41°F                         |
| <b>Power Consumption:</b>         | 500 W. 100V - 240V AC 50/60 Hz + PE (GND)  |
| <b>Blasting Hose:</b>             | ½" Single Hose System  |
| <b>Noise:</b>                     | Noise level up to 120 dB(A)<br>Depending on blasting pressure, nozzle combination and material surface |

The Xcel 6 comes with a 5m/16ft synthetic rubber blasting hose, 10m/32ft air supply hose and IceGun with nozzle. You can choose to upgrade to the Cold Jet tight access or compact applicator, which can be fitted with Cold Jet's advanced nozzles with patented technology.

### Applicator Options

IceGun / no Light  
511773



comes standard

Tight Access  
2E0944



upgrade optional

Compact  
2E0941



upgrade optional

### Blasting hose ½"

The HD blasting hose is made of an abrasion resistant, conductive natural and synthetic rubber.

Includes:  
5m / 16ft  
504711



### Air Supply Hose ¾"

Abrasion-resistant and long lasting compressed air hose.

Includes:  
10 meters / 32 ft  
90199; US: 90194



For a variety of cleaning applications, utilize our advanced accessory options. With the IT3 box of nozzles and endless blasting and air hose combinations, you can conquer any cleaning challenge.

### Xcel 6

Blasting Hose ½" HD

Dimensions (m/ft)

1.5 / 4.9, Item no.: 405710

5 / 16, Item no.: 505711

7.5 / 24, Item no.: 504712

### Blasting Hoses



### Xcel 6

Air Supply Hose ¾"

Dimensions (m/ft)

10 / 32, Item no.: 90199; US: 90194

### Air Supply Hoses



Includes the most commonly used types of nozzles, delivered in a flight case. Different nozzles for different applications.

Dimensions (mm/inch) - Length: 460 / 18.110 Width: 350 / 13.779

Weight (g/lbs): 3500 / 7.716

Item no.: 90390

### Low Flow IT3 Box of Nozzles



Expand your blasting coverage with our advanced selection of nozzles from our Cold Jet or IceTech line. These options allow you to obtain the perfect blasting coverage to fit your needs. You can choose between round, flat, cone or fragmenting nozzles in various sizes. Some are listed below.

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## IceTech Nozzles for IceGun Applicator

Flat Nozzle, 20 mm, complete  
Incl. Nozzle insert, Ø 7-16

Blast swath approx. 20mm  
Length: 305mm / 12in

Item no.:  
502714



Flat Nozzle, 50 mm, complete  
Incl. Nozzle insert, Ø 7-16

Blast swath approx. 50mm  
Length: 310mm / 12.2in

Item no.:  
502671



Special nozzle, Ø 7 mm  
with POM protection

Blast swath approx. Ø 7mm  
Length: 160mm / 6.30in

Item no.:  
503045



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## Cold Jet Nozzles for Tight Access or Compact Applicator

Low flow nozzle, 106S.6

Blast swath approx. 15mm  
Length: 152mm / 6in

Item no.:  
5E0421



Low flow nozzle, 110S.6

Blast swath approx. 15mm  
Length: 254mm / 10in

Item no.:  
5E0180



Low flow nozzle, 123S.7

Blast swath approx. 18mm  
Length: 584mm / 23in

Item no.:  
5E0179



Variable Fragmenting MERN Nozzle  
110V.6

Blast swath approx. 15mm  
Length: 254mm / 10in

Item no.:  
5E0386



Variable Fragmenting MERN Nozzle  
123V.7

Blast swath approx. 18mm  
Length: 584mm / 23in

Item no.:  
5E0387



Variable Fragmenting MERN Nozzle  
312V.1

Blast swath approx. 25mm  
Length: 305mm / 12in

Item no.:  
5E0446



Variable Fragmenting MERN Nozzle  
312V.2

Blast swath approx. 46mm  
Length: 305mm / 12in

Item no.:  
5E0274



Variable Fragmenting MERN Nozzle  
323V.1

Blast swath approx. 25mm  
Length: 584mm / 23in

Item no.:  
5E0464



Variable Fragmenting MERN Nozzle  
323V.2

Blast swath approx. 51mm  
Length: 584mm / 23in

Item no.:  
5E0252

