



NEXT LEVEL CLEAN





# AUTOMOTIVE RESTORATION & DETAILING QUICK START GUIDE



## DRY ICE - THE ONLY SOLUTION

Traditional cleaning methods use chemicals, water and abrasives which require excessive time and extreme caution while creating downstream waste. Dry ice cleaning can restore vehicles to factory condition in a fraction of the time.

No Water



No Chemicals



Less Labor Intensive



No Damage



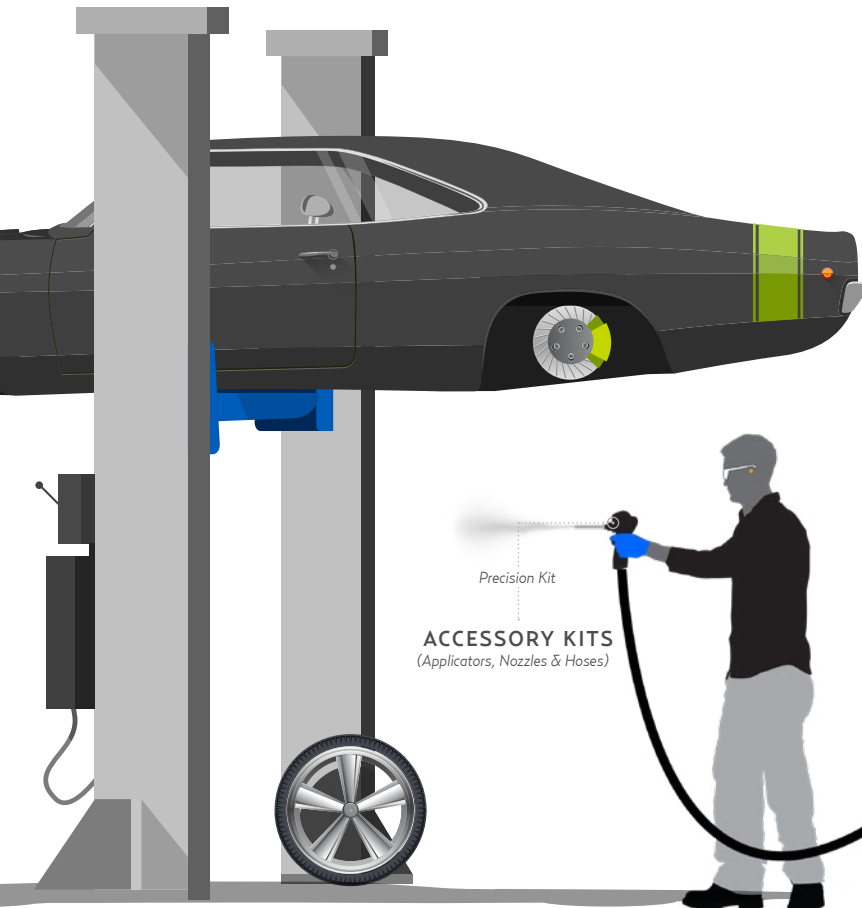
Quicker



Better Clean than alternatives



Satisfying



COMPRESSOR  
W/ BUILT-IN AIR DRYER

DRY ICE BLASTER

Aero2 ULTRA PCS

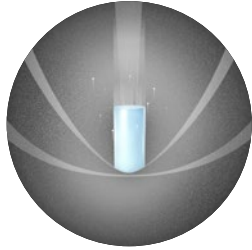
DRY ICE  
SUPPLIER

3mm Dry Ice Pellets  
(500 lb. tote)

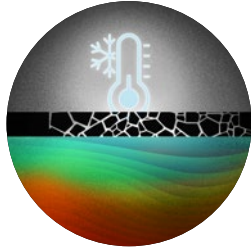
## WHAT IS DRY ICE CLEANING?

Cold Jet dry ice blasting is similar in principle to media blasting in that a high volume air stream is used to propel particles for cleaning and surface prep. However, unlike traditional abrasive blasting (sand, soda, glass, or other media), dry ice is non-abrasive and will not damage, profile, or etch solid surfaces.

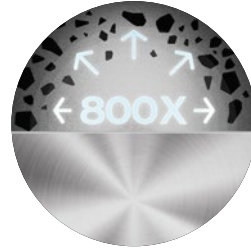
## HOW IT WORKS



Accelerated by compressed air, dry ice moves at supersonic speeds through the nozzle



A thermodynamic shock breaks the bond between the surface and the contaminant



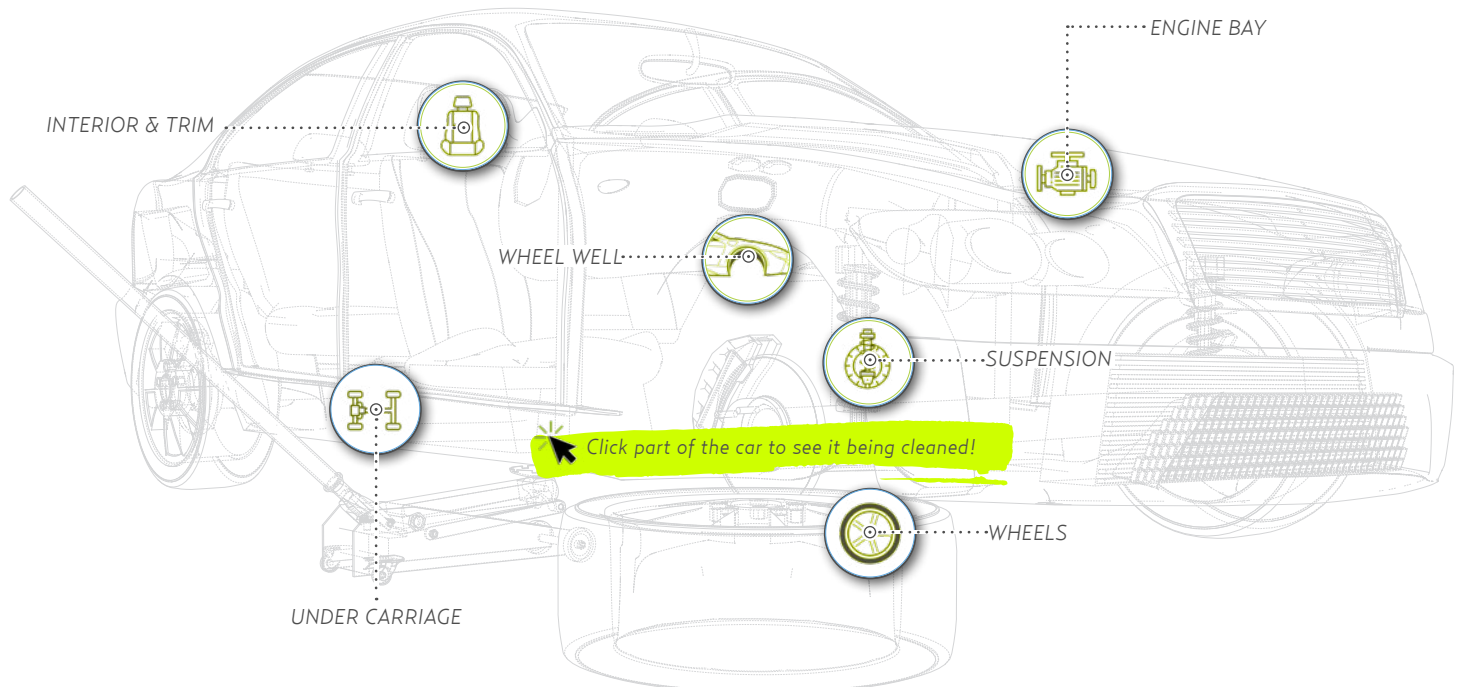
When colliding with the surface, dry ice sublimates – causing mini CO<sub>2</sub> explosions and lifting away the contaminant



Dry ice leaves a clean surface with no secondary waste

## NO LIMITS TO WHAT YOU CAN CLEAN....

Metals, painted parts, plastic, rubber, wiring, wheels, interior, hood pads, headliners, vinyl, glass & cloth. There are no limits to what dry ice is capable of cleaning. Dry ice alone can remove flash rust, or light surface rust, but will need additional media mixed in to turn back time on pitted rust.



## IS DRY ICE CLEANING FOR ME?

If you're looking for a new revenue stream that makes you stand apart from competitors and reduces time and cost, then dry ice cleaning is for you. Customers of Cold Jet dry ice cleaning are in the following categories:

High End Detailers



Classic Restoration



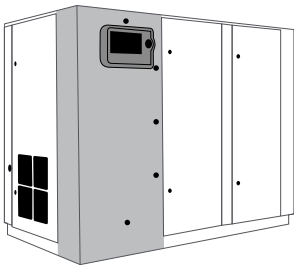
Enthusiast Groups



## EVERYTHING YOU NEED TO GET STARTED

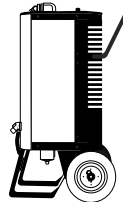
In order to get started dry ice blasting you will need a dry ice blaster, air compressor, air dryer or aftercooler, dry ice supplier, and the confidence of Cold Jet by your side.

### 01. AIR REQUIREMENTS *(see accessory kit for more details)*



#### SHOP AIR COMPRESSOR

*Recommend 15 HP - 30 HP  
with built-in air dryer  
Providing 50 CFM at 80 psi*



#### AFTERCOOLER

*(optional)*

*Required if shop air compressor  
does not have an air dryer*

#### 3/4" or 1/2" AIR SUPPLY LINE



### 02. DRY ICE SUPPLIER

As the industry leader in dry ice technologies, Cold Jet will put you in direct contact with a local-to-you dry ice supplier no matter where you are on the planet.

Cold Jet also manufactures and sells pelletizers – machines that produce solid-state dry ice from liquid CO<sub>2</sub> – should your consumption of dry ice justify making it in house.





### 03. DRY ICE BLASTER

# AERO<sup>2</sup> ULTRA PCS<sup>®</sup>

Starting at: \$49,950 or as low as \$1,045 per month

Our most versatile machine. Easily adjust particle size, blast pressure, and other parameters according to the location and stubbornness of the contaminant you are blasting.

Program, save, and quickly access tried and true blast recipes for specific parts of the vehicle.

Air Consumption: 12-100 CFM | Blast Pressure 20-145 PSI

*You cannot do this work that we are doing, at the level we're doing, without the PCS 60.*

[Click to see Scott Ales PCS 60 testimonial](#)

— Scott Ales, YoungTimer LLC.

#### CHOOSE BETWEEN 28 DRY ICE PARTICLE SIZES

FROM 0.3MM TO 3MM AND EVERY SIZE IN BETWEEN



7" LCD color screen with digital controls makes it easy to view and control blasting parameters

The Cold Jet PCS 60 utilizes finely controlled particles of dry ice as a blasting medium via our proprietary and patented Particle Control System™ (PCS). The machine accepts 3mm pellets and, via the PCS, precisely cuts the dry ice into diamond shaped particles in the exact dimensions chosen by the operator.

Users can adjust dry ice particle sizes from 0.3mm to 3mm and every size in between, giving complete control to effectively fine-tune the machine for each unique application.

Cold Jet offers a wide range of dry ice blasters for any budget. Our entry-level IceRocket is great for starting your journey while the Elite 20 is a great mid-level option offering greater blasting power.

**Elite 20**  
Starting at: \$22,950  
or as low as  
\$490 per month



**IceRocket PLT**  
Starting at: \$16,950  
or as low as  
\$362 per month



Learn more at [coldjet.com](http://coldjet.com)

## 04. ACCESSORY KIT

Choice of precision or performance kit included with purchase of blaster

Options for air only or air & dry ice, along with on/off switch for light

### PRECISION KIT

- Your choice of 2 nozzles are included in package pricing.
- Lightweight and compact applicator for easy use in hard-to-reach areas
- Nozzles offer different blast swaths, air consumption requirements and nozzle tip angles



### PERFORMANCE KIT

- Your choice of 1 nozzle is included in package pricing.
- Industrial grade heavy-duty performance applicator designed for comfort.
- Operator can easily adjust blasting parameters (PSI, dry ice feed rate, and particle size) from the applicator, giving the user greater control when blasting.



The Performance Kit gives you a wide selection of nozzles that are designed to achieve maximum effectiveness.

## 05. IT-3 NOZZLE CASES (optional)

We offer two industry-leading nozzle cases to help you get the most out of your equipment.

- IT-3 LF (low flow) is compatible with our IceRocket PLT blaster.
- IT-3 HF (high flow) is compatible with our Elite 20 blaster.

Ask your Cold Jet expert for more information!



Pictures of the case shown are for illustrative purposes only. Items may vary.

## 06. AFTERCOOLER (optional)

Compressed air is a necessity to run your blasting operation. Oftentimes, this air supply is in a shop that is not climate controlled, supplying hot and moist air. This can alter the integrity of your dry ice and hamper the performance of your blasting system. The AfterCooler is necessary for those without an air dryer and enable the operator to control the moisture in their environment, allowing them to blast in virtually all temperature and humidity levels.



- Remove up to 80% of moisture from the ambient air
- Prevents dry ice condensation and bridging
- Includes a water separator and 20 micron particulate filter

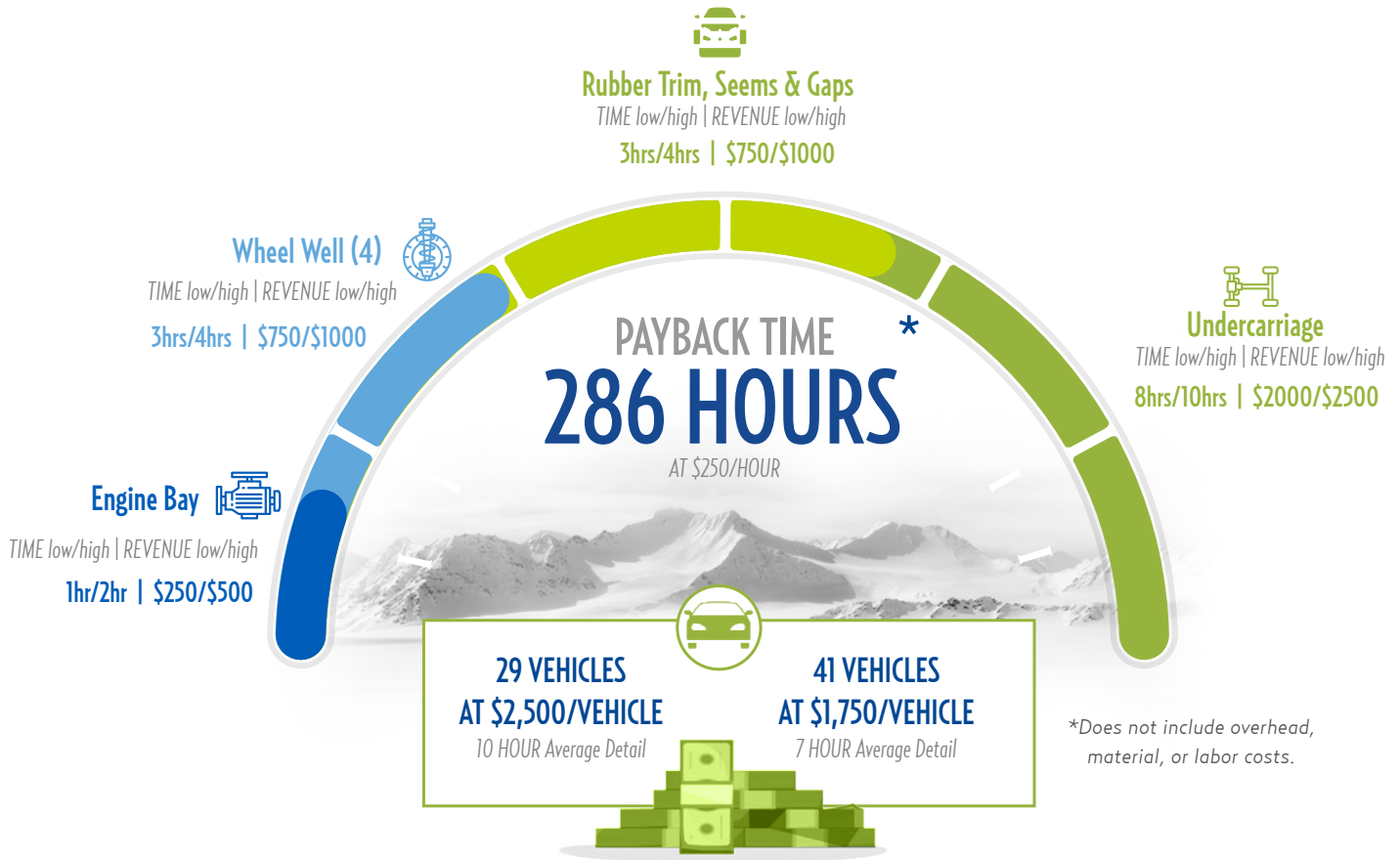
**CREATE CUSTOM REPORTS**

Offering IoT connectivity via Cold Jet CONNECT, the PCS ULTRA offers analytical tools and custom reports with accurate costing for you to fine-tune your margins.



**INVESTMENT & RETURN**

Depending on your current shop assets, you may need the entire package: dry ice blaster, aftercooler, compressor & car lift. We also suggest you have some sort of clean room to help contain any debris being removed from the surface during the blasting process. We have compiled a generalized pricing scenario with a return-on-investment calculation to display approximately how long it will take for you to start making a profit.



**AER02 ULTRA PCS BASE PACKAGE \$49,950**

**CAR LIFT \$3,000\***

**30 HP COMPRESSOR W/ AIR DRYER \$20,000\***

**TOTAL INVESTMENT: \$72,950**

\* Car lift and compressor are industry standard prices from external vendors



COLD JET GLOBAL HEADQUARTERS  
6283 TRI RIDGE BLVD  
LOVELAND OHIO 45140

***learn more at [coldjet.com](http://coldjet.com)***