

DRY ICE Energy Cleaning Machines



Optimization of tool and mold cleaning with a lightweight, mobile, flexible dry ice cleaning machine all in a compact unit.

Innovative compact dry ice machines enable quick flexible cleaning. Dry ice allows for residue-free cleaning without any water or aggressive cleaning agents. This method is hygienic, and much faster than conventional cleaning methods.

- Industrial uses: tools, machine cleaning, maintenance
- Abrasive blasting capability
- Use Dry Ice pellet sizes from 1.1mm to 3mm

CHAMP VARIO



ITEM NUMBER

DIECV1

Compressed Air: 11-57CFM
Operation Pressure: 14-145PSI
Dry Ice Consumption: 8-83 lbs/h
Dry Ice Container: 5 lbs

INCLUDED EQUIPMENT:

- Air pressure gauge with water separator
- Adjustable blasting gun with 3m long hose and round power nozzle
- Ice scoop
- User manual

CHAMP TURBO



ITEM NUMBER

DIECT1

Compressed Air: 18-50CFM
Operation Pressure: 14-145PSI
Dry Ice Consumption: 15-59 lbs/h
Dry Ice Container: 9 lbs

INCLUDED EQUIPMENT:

- Air pressure gauge with water separator
- Adjustable blasting gun with 3m long hose and round power nozzle
- Ice scoop
- User manual

CHAMP TURBO PRO



ITEM NUMBER

DIECTPRO1

Compressed Air: 28-124CFM
Operation Pressure: 14-200PSI
Dry Ice Consumption: 33-154 lbs/h
Dry Ice Container: 19 lbs

INCLUDED EQUIPMENT:

- Air pressure gauge with water separator
- Adjustable blasting gun with 5m long hose and round power nozzle
- Push handle
- Ice scoop
- User manual

All Champ units include with a Dry Ice Crusher: reduces the size of pellets up to 3mm for passage into the DIE system.



The lightest, most powerful dry ice blasting units on the market!

Dry ice is frozen CO₂ and is approx. -80°C, it is absolutely neutral, non-toxic and contains no water. For cleaning purposes, dry ice is pressed into rice grain-sized pellets and applied to the surface using dry ice cleaning machines. Due to the cold and the high speed of the dry ice pellets, the dirt becomes brittle and cracks. The surface to be cleaned is not attacked because dry ice is not abrasive. Upon impact, the dry ice pellets increase their volume by 760 times and “blast” the particles off the surface. Dry ice changes directly from the solid to the gaseous state (sublimation) and dissolves without residue. There is no moisture during cleaning and no contamination from the blasting material.

ITEM NUMBER	DESCRIPTION
DIEFJN	FLAT JET NOZZLE
DIEFJXLN	FLAT JET XL NOZZLE
DIEPPN	PLASTIC POWER NOZZLE
DIEAN	ANGLED NOZZLE
DIERJN	ROUND JET NOZZLE
DIEPN	ROUND POWER NOZZLE
DIEPRN	PLASTIC ROUND NOZZLE
DIEPH	PUSH HANDLE FOR CHAMP TURBO & VARIO (comes integrated in the Turbo Champ Pro)
DIECVTE	TANK EXTENSION (for Champ Vario)
DIECVHE	HOSE EXTENSION - 2M LENGTH (for Champ Vario)
DIEGC	GROUNDING CABLE
DIEC	CRUSHER (reduces the pellet sizes up to 3mm for passage in the DIE system)



Dry ice is not available through DME, please purchased seperately via a local supplier.



Grounding Cable



Hose Extension



Tank Extension



Crusher



SEE HOW IT WORKS



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