



Particle (Crystal) Blasting What is it?

Dry Ice pellets, by means of controlled mechanical stress, are ground into a rough, sugar/crystal format. A specially developed and patented **Pellet Grinder**, built into the **LT-280 Double Action Blaster**, performs that function continuously and evenly maximizing particle size and desired flow. This **New Particle Flow** is fed into the blast air stream by the classic 2-Hose (venturi) Delivery Method.

- When Dry Ice of a defined small particle size is used for blasting, rather than conventional 3mm pellets, the **CO₂ material utilization is optimized to the max.** The vast increase of particle to surface contact points p/mm³ ice used, provides economic material consumption across the entire Dry Ice Blasting pressure range.

LT-280

DOUBLE ACTION BLASTER PELLETS OR PARTICLES

The **LT-280** is the advanced cryoGen 2-hose (venturi) blasting system. The patented Pellet Grinder is fully integrated. Apart from classic pellet blasting, the **LT-280** gives you particle (crystal) blasting capability – Even the most sensitive surfaces are protected. Blasting in the electronics- and power industry is now safe. Straight pellet action supplies max. aggression.

**The most versatile machine of its kind
on the market. Two Units in One**

- **Pneumatic controls.** No electricity.
- **Compact & mobile.** 56kg / 123lbs only.
- **Powerful.** Blasting up to 15 bar/218 psi.
- **Integrated pellet grinder.**
Reposition the diverter inside the ice hold to select pellet or particle action.
- **No secondary Waste !**
- **Dry ice is 100% WATER FREE !**
Reverts to natural CO₂ gas on impact.

SYSTEM INCLUDES:

- **LT-280 Blaster with Grinder**
- 5m/16.5ft Air hose package
- Stainless steel gun assembly
- 3 Aluminium barrels (S/M/L)
- 4 Jet venturi inserts
- Detachable side grip
- Polycarbonate ice scoop
- Tool kit

- Adjustable ice rate
- Adjustable air pressure
- 45 kg/100 lbs ice hold

LT-280

DOUBLE ACTION BLASTER

SPECIFICATIONS

CE Pressure:	max. 15 bar / 218 psi
Air Pressure:	2-15 bar / 30-218 psi
Air Volume:	0.8-12 m ³ min / 30-420 cfm
Ice Consumption:	10-50 kg/hr / 22-110 lbs/hr
Ice Hold:	45 kg / 100 lbs
Dry Weight:	56 kg / 123 lbs
Dimensions:	H102/40"xW36/14"xD53cm/20"



MOBILITY

- Compact. Lightweight. Simple to transport.
- Easily moved to the workspace. Whether you are working on a scaffold, articulating boom, right next to your equipment or machinery in situ.

SAFETY

- Completely pneumatic. No electricity.
- Simple to use controls.
- Safety guards on all moving parts.
- Kickstand for extra stability necessary in rugged terrain.

USER FRIENDLY

- Connect air. Load ice. Ready to go.
- Ergonomic gun. High performance and comfortable to operate.
- Light and mobile.

SOLID CONSTRUCTION

- Electro polished stainless steel.
- Stainless steel gun assembly.
- Strong aluminium blast barrels.

MAINTENANCE

- Periodically change pneumatic oil.
- Low cost spare parts.

cryoGen[®]
DRY ICE BLASTING

 **TYREX CO₂ TECHNOLOGIES**

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