



**Kawan Lama
Solution**



FUTURE OF CLEANING IS HERE ICESONIC - DRY ICE BLASTING



GET READY FOR CLEANING REVOLUTION



WHAT IS DRY ICE BLASTING?

Dry ice blasting is a form of cleaning where pellets of dry ice are propelled at extremely high speeds towards a contaminated surface

The difference with sandblasting or plastic bead blasting is that dry ice blasting does not create secondary waste or chemical residues, and is non-abrasive, non-conductive, non-flammable, and non-toxic.

HOW DOES DRY ICE BLASTING WORK?

Dry ice blasting propels dry ice pellets at high speeds and upon impact, the pellets detach the contaminant from the surface, and rapidly change from solid to gas leaving nothing behind. Because of the rapid change, only a small amount of force is transferred to the surface, which leaves the surface with no abrasion.

The dry ice impact causes thermal shock to the contaminant on the surface, which weakens the contaminant, and thus remove the contaminant from the surface



BENEFITS?

- Environmentally friendly with no secondary waste
- Reduce your cleaning time by up to 90% compared to manual cleaning
- Prevent surface damage with non-abrasive media
- Able to clean while machine is operated



BASIC UNITS

SMART Series Dry Ice blasting - With single hose system ensuring continuous blasting process with no issue.
The best solution for light to medium duty cleaning.



10535900
DRY ICE BLASTING
SMART PRO



10548144
DRY ICE BLASTING
UPGRADE SMART HD



| Article | 10535900 | | 10548144 | |
|-----------------------------|-----------------------------|--|-----------------------------------|--|
| Article Description | DRY ICE BLASTING SMART PRO | | DRY ICE BLASTING UPGRADE SMART HD | |
| Type | SINGLE HOSE DRY ICE BLASTER | | SINGLE HOSE DRY ICE BLASTER | |
| Air Inlet | 1/2" Quick Coupling | | 1/2" Quick Coupling | |
| Blasting Pressure Regulator | Optional | | Included | |
| Compressed Airflow | Optimal | 2.2 m ³ /min (78 cfm) or more | | |
| | Mid-Range | 1.2-2.2 m ³ /min (42-78 cfm) | | |
| | Low-End | 0.5-1.2 m ³ /min (18-42 cfm) | | |
| Compressed Air Supply | 1 - 12 Bar | | 1 - 12 Bar | |
| Hopper Capacity | 7 Kg | | 10 Kg | |
| Feed Rate | Up to 40 kg/h | | Up to 70 kg/h | |
| Power Supply | 220V / 50 Hz | | 220V / 50 Hz | |
| Dimension | 370 x 485 x 890mm | | 370 x 500 x 1045 mm | |

FULLY PNEUMATIC

Mighty E and IS75S provide you with options of outdoor dry ice blasting with fully pneumatic operation. High hopper capacity allows you for long time continuous blasting procedure



| Article | 10526534 | | 10547861 | |
|-----------------------------|---------------------------------------|---|----------------------------------|--|
| Article Description | DOUBLE HOSE DRY ICE BLASTING MIGHTY E | | DRY ICE BLASTING PNEUMATIC IS75S | |
| Type | Double Hose Dry Ice Blaster | | Single Hose Dry Ice Blaster | |
| Air Inlet | 1" Universal Claw Coupling | | 1" Universal Claw Coupling | |
| Blasting Pressure Regulator | Optional | | Included | |
| Compressed Airflow | Optimal | 4.0 m ³ /min (141 cfm) or more | | |
| | Mid-Range | 3.0-4.0 m ³ /min (106-141 cfm) | | |
| | Low-End | 2.5-3.0 m ³ /min (88-106 cfm) | | |
| Compressed Air Supply | | | Up to 1600 kPa (16 bar) | |
| Hopper Capacity | 25 kg | | 20 kg | |
| Feed Rate | Up To 120 kg/h (265 lbs/h) | | Up To 100 kg/h (220 lbs/h) | |
| Power Supply | | | Fully Pneumatic | |
| Dimension | 515 x 565 x 860 mm | | 575 x 740 x 890 mm | |



WHAT IS DRY ICE ?

Does not have a liquid state at normal atmospheric pressure and sublimates directly from the solid state to the gas state.



Pelletized Dry ice 3mm is commonly used for dry ice blasting



HOW TO PRODUCE DRY ICE?

By pelletizing liquid CO2 into pellet dry ice

Reform from Block to Pellet



DRY ICE PELLETER

The DIP Machine allows you to create your own pelletized dry ice, by supplying liquid CO2 to the DIP machine.



DRY ICE REFORMERS

Block dry ice is something that is common. But it could not be utilized for dry ice blasting. The Dry Ice Reformers allows the block dry ice to be reformed into required pellet size.

WHERE CAN DRY ICE BLASTING HELP?



Kawan Lama Solution



www.kawanlama.com

Available at:

Visit Our Website : kawanlama.com