

Unit CryoClean



HOEK LOOS CRYOCLEAN: NATURALLY CLEAN

CryoMax[®]plus!

The CryoMax[®] series of pneumatic dry-ice blasting machines have been successfully designed and constructed by HoekLoos CryoClean itself for a number of years now.

The criteria laid down for the CryoMax[®]plus! were simplicity, ease of operation and effectiveness. The CryoMax[®]plus! is small, more powerful and reliable. No electrical power is required. Patent pending!

Its compact outside dimensions make it easy to handle and allow it to be placed in close proximity to the working area.

Operation is simple. Connect the compressed air supply, fill the bin with CryoPellets[®] and press the button to start blasting.

The blasting pressure is readily adjusted on a simple control panel. Very effective at a low dry-ice consumption!

CryoPellets[®] are pellets of dry-ice at a temperature of -78.5°C .



CryoPellets[®]

Apart from sufficient pressure and capacity, there are no special requirements for the air supply needed to operate the CryoMax[®]plus!: the air should only be reasonably dry and clean. An extensive assortment of optional accessories is available. The standard blasting capacity of 80 kg/h of CryoPellets[®] can, by means of a quick simple change of the rotor disc, be decreased in cases of slight dirt accumulations, or increased when more cooling is required.

Technical data for the CryoMax^{®plus!}

Dimensions	685 l x 500 w x 741 h (mm) incl. protective buffer
Weights	CryoMax ^{®plus!} : 87 kg excluding – compressed air hose, 10 m: 5.5 kg – blasting hose, 7 m: 8.5 kg – blasting gun incl. standard nozzle: 1.5 kg
Materials	mainly stainless steel with plastic panels
Bin capacity	approx. 40 kg CryoPellets [®]
CryoPellet [®] usage	standard rotor disc adjustable from approx. 50 until approx. 80 kg/h (other ranges available on request)
Blasting pressure – Air consumption – Feed air pressure – Feed air quality	adjustable, 2-16 bar approx. 8 m ³ /min at a pressure 12 bar with a standard straight round nozzle min. 5 bar, max. 16 bar oil- and dust-free (dew point < 15 °C)
Connections – Compressed air – Blasting hose	1" BSP R 3/4" conical nipple
Compressed air hose	length 10 m; 1" BSP (= straight) coupling
Blasting hose – Length – Maximum ambient temperature	7 m, R 3/4" (other lengths optional) 70 °C
Standard nozzles	1 straight round (high performance) (other nozzles optional)
Average noise level at a distance of approx. 1 m	from 81 dB(A) at a blasting pressure of 5 bar to 115 dB(A) at a pressure of 14 bar with the standard nozzle
Standard accessories	1 earthing cable for discharging static electricity

In addition the following optional accessories can also be supplied:

- electrical gun
- foot switch (for use in a blasting booth)
- blasting hose extension, 1 m or snow hose (for delicate partscleaning)
- blasting hoses suitable to max. 90 °C
- various rotor discs with capacities from 30 to 200 kg/h
- blasting hose 1" for extra wide nozzles up to 16 cm
- various nozzles for special applications or blasting of big area's



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