AUTOMATED DRY ICE BLASTING SOLUTIONS

COMBI® PCS®
SERIES



Robot and blasting cabinet not included

AUTOMATED SOLUTIONS FOR CONTINUOUS CLEANING PROCESS

	OUTPUT	BLASTING OUTPUT/HOUR	PARTICLE SIZE	BLASTING OUTLETS	MAXIMUM NOZZLES	NOZZLE AIR CONSUMPTION	UNIT DIMENSIONS (l x w x h)	FOOTPRINT	WEIGHT	START-UP TIME	NOISE LEVEL
COMBI PCS 110	242 lb/hr (110 kg/hr)	242 lb/hr (110 kg/hr)	0.3mm - 3.0mm (28 particle sizes)	1	2	106 - 388 CFM (3 - 11 m³/ min)	70.9 x 47.2 x 86.7 in (1800 x 1200 x 2200 mm)	7.1 sq. ft. (2.16 m²)	3,042 lb (1380 kg)	< 3 Min	< 75 dB(A)
COMBI PCS 110 DUAL	242 lb/hr (110 kg/hr)	242 lb/hr (110 kg/hr)		2	4						
COMBI PCS 320 DUAL	705 lb/hr (320 kg/hr)	485 lb/hr (220 kg/hr)		2	4		82.7 x 51.2 x 86.7 in (2100 x 1300 x 2200 mm)	9.2 sq. ft. (2.8 m²)	3,484 lb (1580 kg)		

POWER SUPPLY
3 X 380-480 V AC + PE, 50-60Hz
TN-S Earthing system
Imax: 16A
Ipk: 10 kA
480 V AC Solidly Grounded Wye Source

Compliant with the EU Machinery Directive (CE) and UL Design Standards

HMI DISPLAY
16" Color Touch Screen

INLET LIQUID CO_2 PRESSURE
189 - 262 psi (13-18 bar)
-27 to -9°F (-33 to -23°C)

COMPRESSED AIR SUPPLY
72.5 - 145 psi (5 - 10 bar)

AIR QUALITY
ISO 8573-1, Minimum Class 2

BACK PRESSURE ON REVERT GAS
0-14.5 psi (0-1 bar)

EXHAUST GAS PIPE
Internal diameter: 2 in (50mm)

Cold Jet®
the force of nature

Learn more at coldjet.com

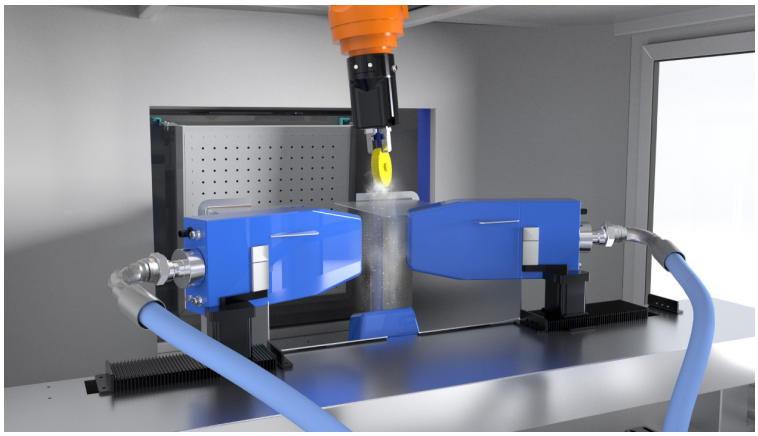
AUTOMATED DRY ICE BLASTING SOLUTIONS

CONTINUOUSLY CLEAN

The COMBI PCS series of integrated dry ice blasting systems offers manufacturers the most advanced automated cleaning solution on the market.

With our patented dry ice production and particle control systems (PCS) built in, the COMBI PCS makes cleaning in an automated facility easier and more effective.

Our PCS system allows machine programmers to fine-tune the dry ice particle according to the surface or contaminant being blasted.



AUTOMATED SURFACE PREPARATION AND PART FINISHING SOLUTIONS

AUTOMOTIVE MANUFACTURING

RUBBER MANUFACTURING

ELECTRONIC MANUFACTURING

BATTERY MANUFACTURING

SUREFLOW DOSING

Thumpers and vibrators provide reliable dosing and clog-free operations

PARTICLE CONTROL SYSTEM

Easily adjust dry ice pellet sizes from 0.3 mm – 3 mm and every size in between

FULLY AUTONOMOUS

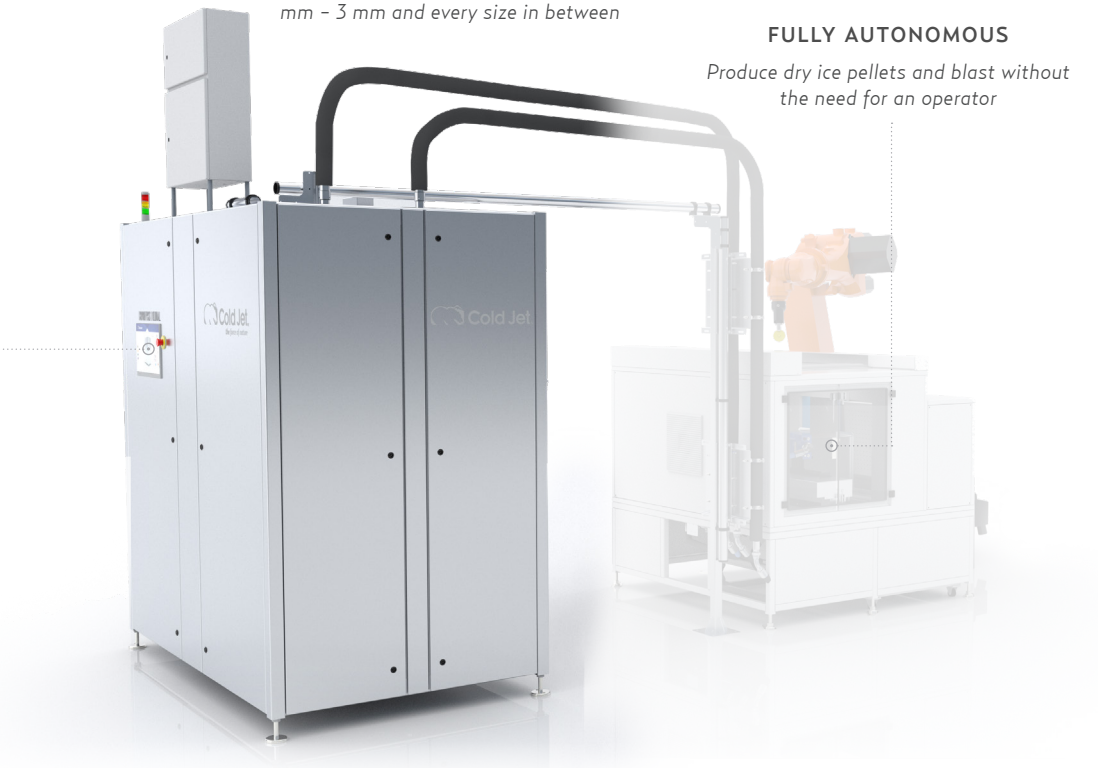
Produce dry ice pellets and blast without the need for an operator

GREATER CONTROL

16" Beckhoff Industrial HMI allows programmers to control particle size, blast pressure, feed rate, production rate, blast path, and more

GREATER VERSATILITY

Three machine options provide two to four simultaneous blasting operations at various outputs



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