



## AUTOMATED DRY ICE BLASTING SOLUTIONS

COMBI<sup>®</sup> PCS<sup>®</sup>  
SERIESAUTOMATED SOLUTIONS FOR  
CONTINUOUS CLEANING PROCESS\*Robot and blasting cabinet  
not included

	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 m <sup>3</sup> / min)	70.9 x 47.2 x 86.7 in (1800 x 1200 x 2200 mm)	7.1 sq. ft. (2.16 m <sup>2</sup> )	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 m <sup>2</sup> )	3,484 lb (1580 kg)		

**POWER SUPPLY**

3 X 380-480 V AC + PE, 50-60Hz

TN-S Earthing system

I<sub>max</sub>: 16AI<sub>pk</sub>: 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<sub>2</sub> PRESSURE**

189 - 262 psi (13-18 bar)

-27 - -9 F (-33 - -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)



# 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*

