

**Blastrite (Pty) Ltd**

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**Commercial Information**

**SURFACE PREPARATION INNOVATION**

**Version Date:** January 2011

**Title:** Closed Circuit Blaster System CCB-85

**CCB85 CLOSED CIRCUIT BLASTER SYSTEM**

The CCB85 Closed Circuit Blaster is a completely air operated system; no electrical power is required. The blasting and recovery operation are confined to the blast head assembly, so that dust-free blasting can be carried out within proximity to other operations.

A suction feed type blasting system is used on the CCB85 unit. This system uses an air ejector in the blast gun to create a vacuum which draws the abrasive from the storage hopper via the blast hose to the blast gun, where it enters the airstream.

A second air ejector is used to create the vacuum required to recover the spent abrasive and dust from the blasting process, which is drawn back to the unit via the recovery hose from the blast head assembly. Good, re-usable abrasives are dropped back into the abrasive hopper, while the dust is filtered from the air stream by a replaceable filter cartridge. Only clean, filtered air is discharged from the unit.



**CCB85 Technical information**

<i>Specification</i>		
Compressed Air Requirement:	85m <sup>3</sup> /hr (50cfm)	
Vacuum Recovery System:	Air Ejector Type	
Blast Gun Size:	Air Tip:	3mm (1/8")
	Nozzle:	6mm (1/4")
Hose Length:	4m (13ft)	
Abrasive Capacity:	28 Litres (1ft <sup>3</sup> )	
Blasting Cycle:	Continuous	

**SURFACE PREPARATION INNOVATION**

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting  
 Wetblast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Dehumidifiers  
 Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment  
 Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment  
 Plural Component - Measuring Instruments