

Technical News Bulletin

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Constant Cushion Blowhead, 200-1883

Introduction

The Constant Cushion Blowhead (CC Blowhead) is a quick change twist mechanism with improved cushioning for the small IS-machines.

Faster machine speeds and heavier Blowhead arms (Triple gob) has drove the development to introduce the CC Blowhead mechanism. It uses oil cushioning for the up-stroke and can be retrofit for all small Emhart machines.

The interface to the section frame uses the same principle of top mounting quick change as the Emhart Baffle and Funnel mechanisms, which makes maintenance and replacement easier.

Specification

Available with two different straight strokes:

Mechanism number	Total stroke	Straight stroke	Swing
200-1883-2	144mm	52mm	65°
200-1883-1	172mm	80mm	65°



Application

Available for all Bucher Emhart Glass small IS-machines:

- 3" TG Recommended
- 4 ¼ DG
- 5" DG
- TG 85mm Recommended
- QG 64mm (Pending)

Installation Requirements

An existing Blowhead mechanism can be replaced with the CC Blowhead mechanism. New supporting bracket requires alignment and needs to be drilled and pinned to the section frame. Field conversions require additional piping for a Constant Cushion oil system.

Drawing numbers:

- 200-1883 CC Blowhead mechanism
- 200-1884 Section frame Bracket
- 200-1554 CC Piping in section frame
- 200-1918 CC Piping to section frame including CC Pump

Drawing numbers for field conversions:

- 200-1918 CC Oil system

Fixtures and Tools

- 94-462 Aligning fixture

Manual:

- H34251

Features / Benefits

Features	Benefits
Improved motion cushioning	Increased lifetime
Quick change mechanism	Makes maintenance and replacement easier
Fits all small section frames	Universal
Exchangeable oil cushioned cartridge without removing mechanism	Makes maintenance and replacement easier