

Technical News Bulletin

August 2015

Constant Cushion Blowhead, 210-1533

Introduction

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

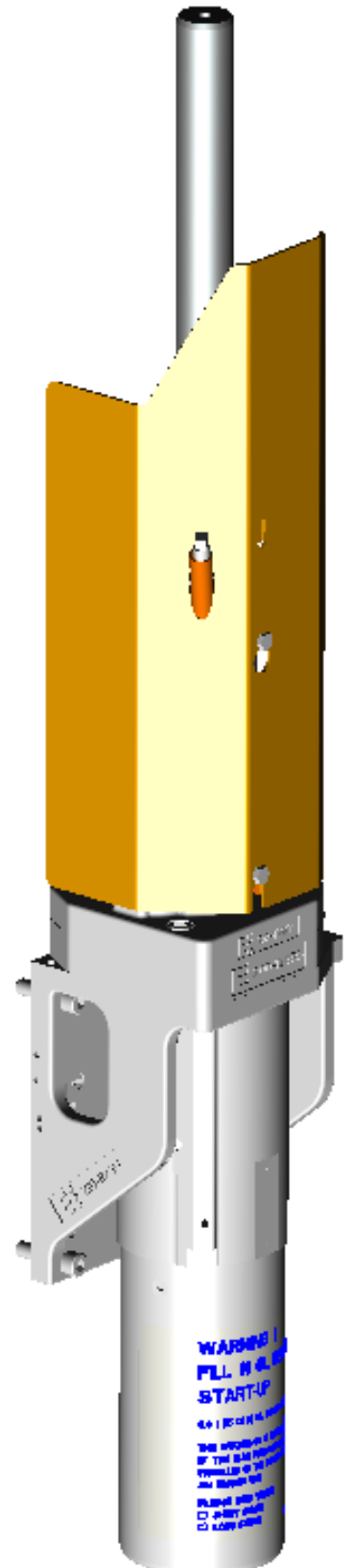
Faster machine speeds, heavier Blowhead arms and requirement for longer cooling tubes has drove the development to introduce the large CC Blowhead mechanism. Longer cooling tubes and improved internal container cooling enables increased blow mold contact time and higher machine performance. It uses oil cushioning for the up-stroke and can be retrofit for all large 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
210-1533-2	144mm	52mm	65°
210-1533-1	172mm	80mm	65°



Application

Available for all Emhart large section IS-machines:

- IS 5-½ DG
- IS 6-¼ DG
- AIS 6-¼ DG
- AIS 4-¼ TG

Installation Requirements

An existing Blowhead mechanism can be replaced with the CC Blowhead mechanism. Supporting Bracket requires alignment and need to be drilled and pinned to section frame.

Drawing numbers:

- 210-1533 CC Blowhead mechanism
- 210-1534 Section frame Bracket

Drawing numbers for field conversions:

- 200-1918 CC Oil system

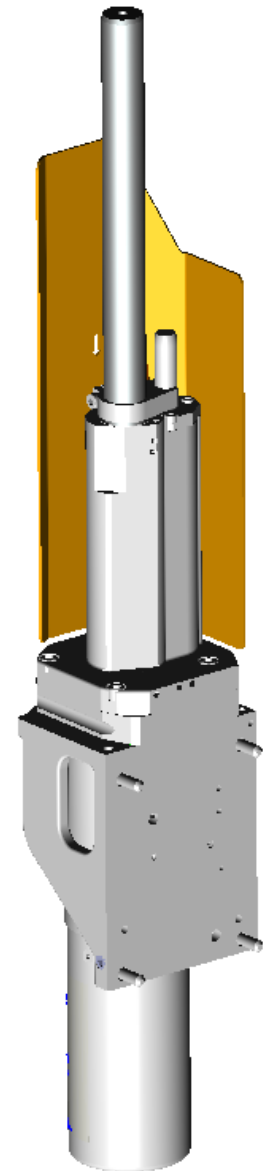
Fixtures and Tools

- 94-462 Aligning fixture

Manual:

- H34251

Features / Benefits



Features	Benefits
Longer stroke	Improved internal cooling
Improved motion cushioning	Increased lifetime
Quick change mechanism	Makes maintenance and replacement easier
Fits all large section frames	Universal
Exchangeable oil cushioned cartridge without removing mechanism	Makes maintenance and replacement easier
1:1 replacement with the rotary cushioned Blowhead (23-3048). New supporting bracket requires alignment and needs to be drilled and pinned to the section frame.	Field conversions