

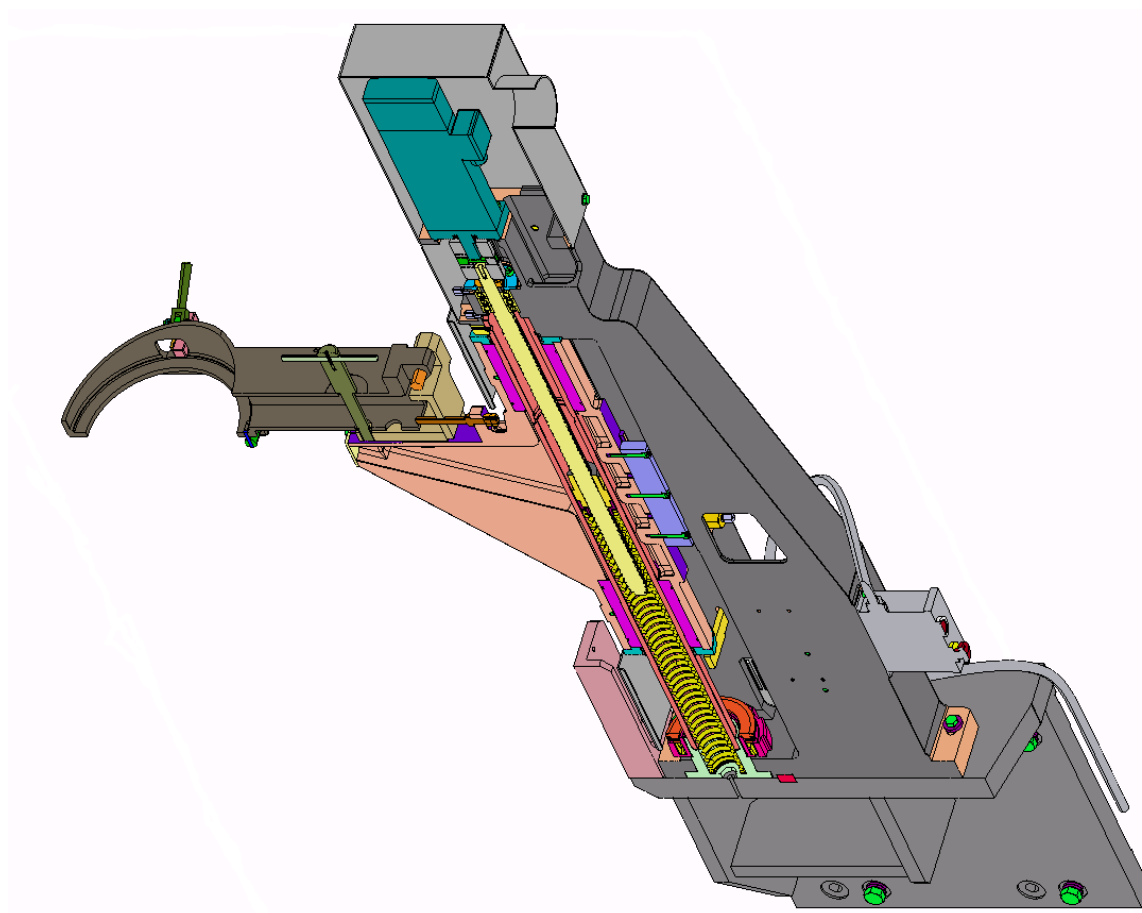
Technical News Bulletin

May 2012

570 Servo Plunger Mechanism

Introduction

The successor to the long serving 555 Feeder Plunger is now a reality. The new 570 Feeder Plunger mechanism is aimed at improving reliability and reducing maintenance. This is achieved by replacing the air spring systems with a carefully calculated mechanical spring design. This ensures the correct mechanical assist to raise the mechanism is always at the optimum.



Specification

The Basic Mechanism is used for all feeder types. The universal mounting bracket combined with the existing feeder front plate ensures direct replacement for the 555series mechanism. A selection of three plunger banjo assemblies complete the accessory selection, these support the entire range of Emhart Glass carrier and disk assemblies.

	Basic Mechanism	Plunger Banjo
5" to 10" Orifice Rings	570-1000-1	570-1004-1
11" and 12 " Orifice Rings	570-1000-1	570-1004-2
13 and 14" orifice Rings	570-1000-1	570-1004-3

Availability / Application

Direct Replacement of 555 mechanism, for all Emhart Glass Servo Feeder Mechanisms

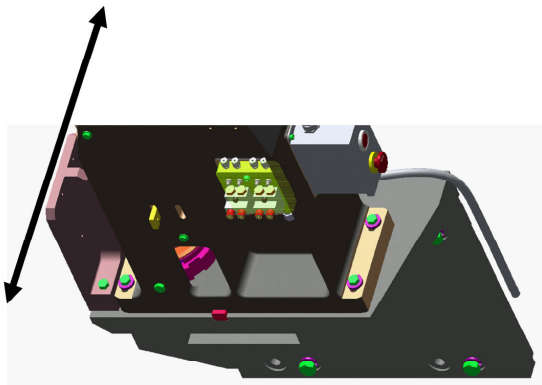
Installation Requirements

Installation is simplified when compared to the 555 series mechanism.

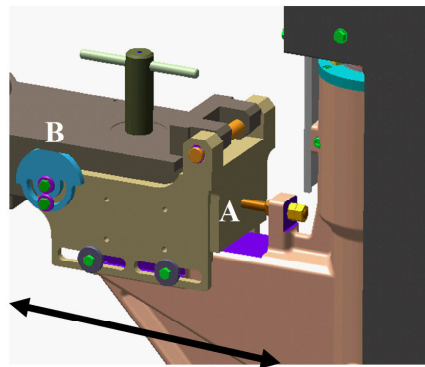
Oil Supply	Connection to the central lubrication system via 10mm OD tube
FlexIS	Standard FlexIS installation FM Cable and Motor Cables
Motor Cooling	The motor Housing is equipped with a 100 mm outside diameter coupling for the connection of the required cooling air duct

Centering adjustment

An alignment key is provided in the bracket. This maintains the position of the X axis whilst making manual adjustment to the Y axis. The X axis is adjusted by moving the plunger banjo using adjustment screw A. In addition to this a disk cam 'B' is provided to facilitate precise leveling of the plunger banjo



Y Adjustment



X Adjustment

Features / Benefits

Features	Benefits
Increased rigidity	Smoother more positive operation
Encapsulated Mechanical assist spring	Increased Uptime. Longer Life expectancy
Light Weight Design	Unit can be Exchanged instead of making lengthy repairs in Situ