

ZX4 Infeed Roller Reinforcement

The design of the ZX4 Infeed Table was such that the first roller was located by a single block, of which was attached to the first arm by 2 bolts and a single dowel. The clearance on the two bolt holes meant that the block could rotate slightly around the dowel, resulting in the roller having a large potential deflection when load was put on it.

 Difficulty **Medium**

 Duration **2 hour(s)**

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Introduction

Step 1 - Remove the 2x M8 bolts as shown.

Step 2 - Align Infeed roller block

Step 3 - Remove the new strengthening bracket.

Step 4 - Drill and tap into the infeed roller block

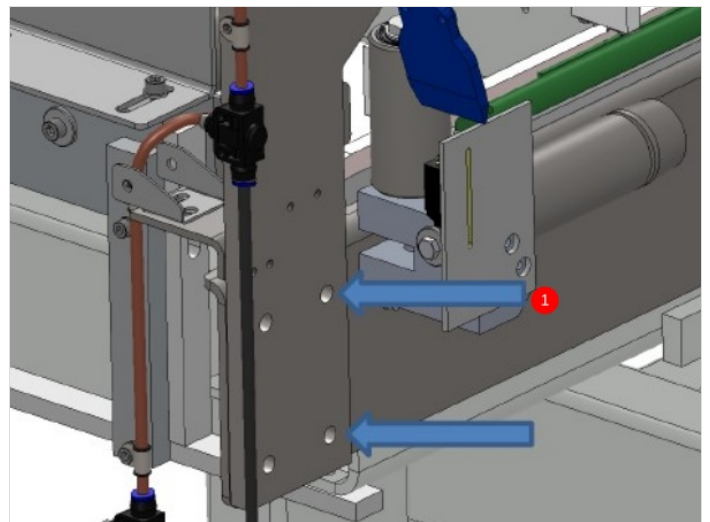
Step 5 - Recheck alignment of infeed roller

Comments

Introduction

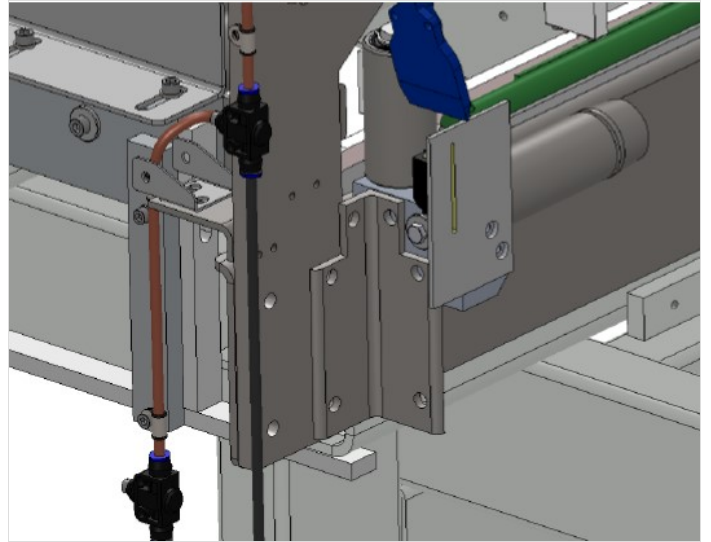
A plate has been designed to strengthen the installation of the first roller.

Step 1 - Remove the 2x M8 bolts as shown.



Step 2 - Align Infeed roller block

Align the infeed roller block so that it is square (check the roller with a straight edge against the other rollers). Fit the bracket using the 2 off M8 x 25 Bolts. Mark through the clearance holes on the bracket onto the roller block.



Step 3 - Remove the new strengthening bracket.

Step 4 - Drill and tap into the infeed roller block

Reinstall strengthening bracket with 2x M8 x 16 Bolts (F0000023) into the infeed roller block, and the 2x M8 x 25 Bolts (F0000025) into the infeed arm.

Step 5 - Recheck alignment of infeed roller
