

SECTION 1

Operation and Service Adjustments

100/140 Franker Link Unit

1.1 Preventative Maintenance

Preventative maintenance is limited to examination at service intervals of the conveyor belt and eject wheel tyres for wear or damage. Refer to section 1.2 below for details on replacement of either component.

Also check to ensure that the condition of the mains leads and connectors is sound and undamaged. Check that the warning labels are visible (these are located on both sides of the unit). Exercise caution with moving parts and exposed electrical apparatus when covers are removed. Remove power lead from mains supply before performing any maintenance functions.

1.2 Service Operations

1.2.1 Replacement of Conveyor Belt

1. Cut the belt and remove it.
2. Remove the top plate (6 x Csk. head screws).
3. Remove the 'C' clips at the stepped end of both shafts and slide the shafts towards the 'T' bearings. Slip the new belt over the other ends of the shafts and replace the shafts and 'C' clips.
4. Slide the top plate under the belt and back into place. Replace the screws.

1.2.2 Replacement of Pivot Wheel Tyres

If the pivot wheel tyre requires replacement due to wear or damage these can easily be replaced by prising off the old items and fitting the new ones. They should not be glued in place.

1.2.3 Replacement of Drive Belt

The unit is driven via a toothed XL drive belt from the motor. If this requires replacement, proceed as follows, referring to Fig. 1 below:

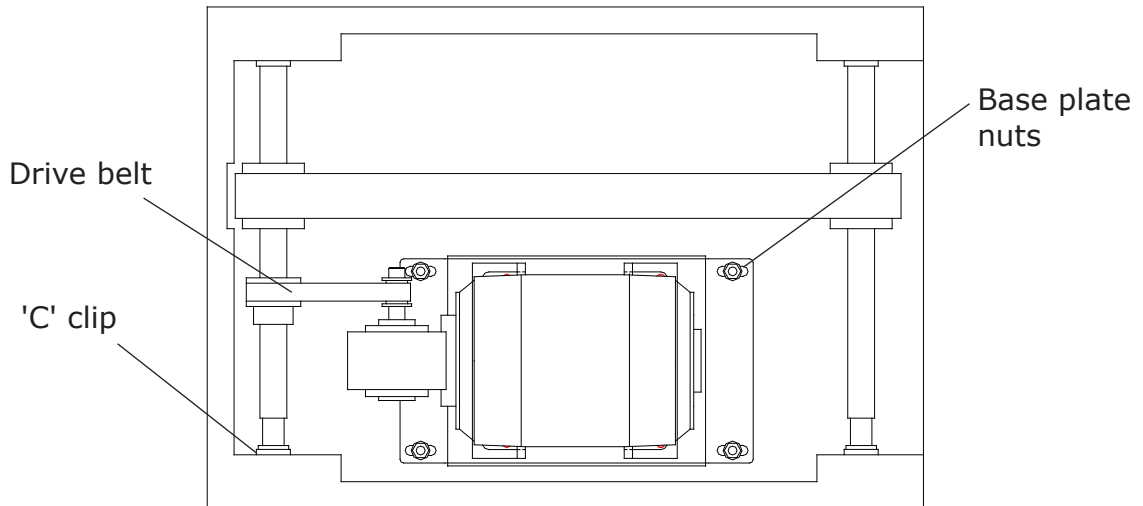


Fig. 1

1. Remove the top plate by sliding it out under the conveyor belt after removing the 6 x Csk. head screws.
2. Slacken the 4 screws retaining the motor base plate to the chassis and slide the plate to release tension from the belt.
3. Remove the 'C' clip next to the 'T' bearing at the stepped end of the shaft and slide the shaft into the bearing until the bearing at the other end can be removed. slide the shaft back to free the stepped end of the shaft and remove the belt. Fit the new belt in its place and re-assemble the shaft in reverse order to the above.
4. Tension the belt by sliding the motor base plate and tightening the nuts. The belt should be tensioned so there is minimal slack.

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1.3 Recommended Spares

Part No.	Description	Qty.
E1038A	8 x 12 x 12 PL. OILITE	1
F5000A	90XL BELT	1
G1026A	FOLD ROLLER SPRING	2
G4035A	3/8" 'T' BEARING	4
G5024A	CONVEYOR BELT	1
E0061A	'O' RING No. 329	2
135-105UL	FUSE, 20mm 5A ANTI-SURGE	4