

REPLACING THE COATING ON THE MARTIN FEEDER ROLLERS

10 GENERAL – LOCATION

Lack of feed or poor feed may be due to worn coating on the rollers. The coatings should be replaced.

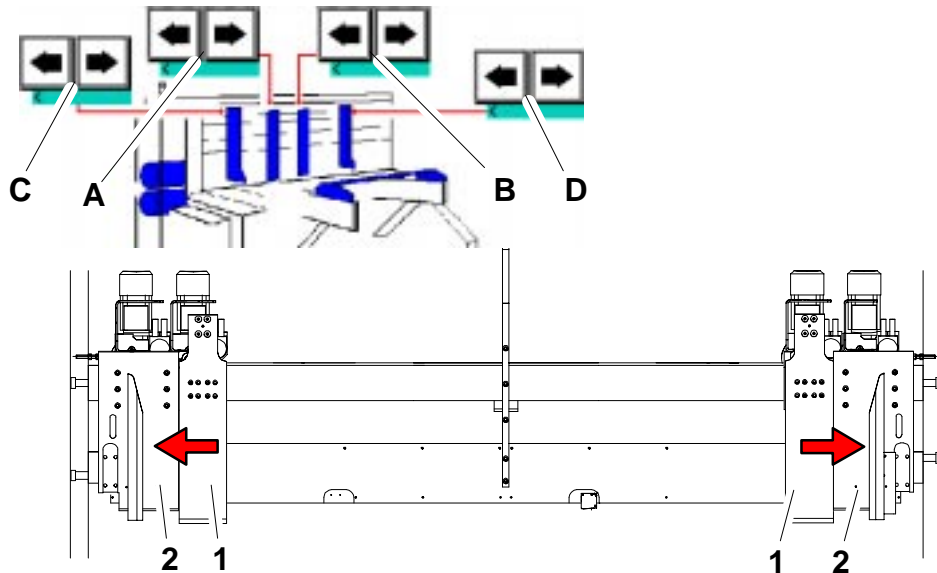
20 PROCEDURE

Number of operators: 1, 1 authorised operator briefly

Total estimated time: 8 hours

20-1 Preliminary operations


- Using the buttons (C) and (D), bring the guides (2) against the mechanical stops on the frames,
- Using the buttons (A) and (B), bring the feed slides (1) against the mechanical stops on the guide slides (2) (for widths of 2800, 3200 and 3600),



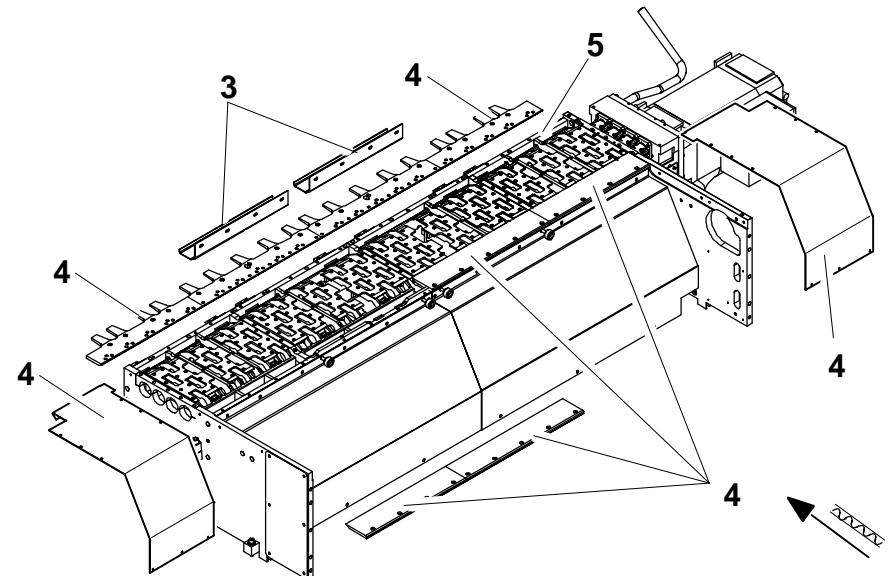
 **ACTIVATE THE SAFETY DEVICES BELOW BEFORE OPENING OR SERVICING THE ELEMENTS:**

Yellow key mushroom buttons and key or red mushroom buttons controlling. Engaging any of these devices inhibits or shuts down the control:

- for the operation of the entire machine,
- all controls on control panels on the side of all elements,
- trolley movements (if fitted).
- Supervisor settings (Memoprocess).

 Lock the log control for the entire in-line group on OFF.

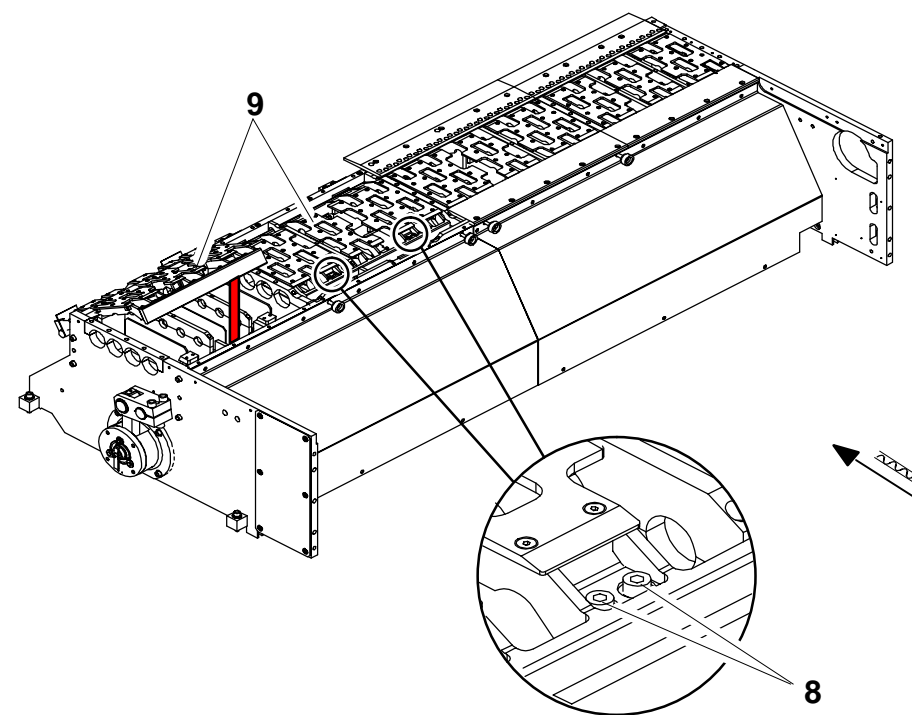
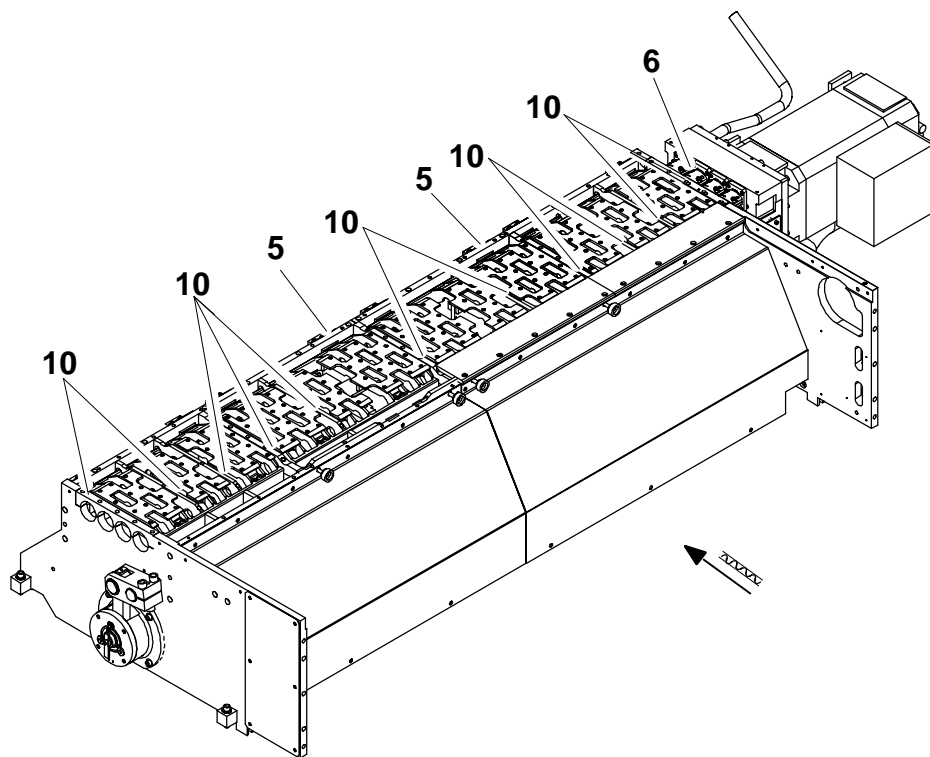
- Remove the feed slides (1) (width of 2400 only),
- Take the protective plates (3) off the pull rolls,
- Remove the protective plates (4),



20-2 Removing the roller shafts

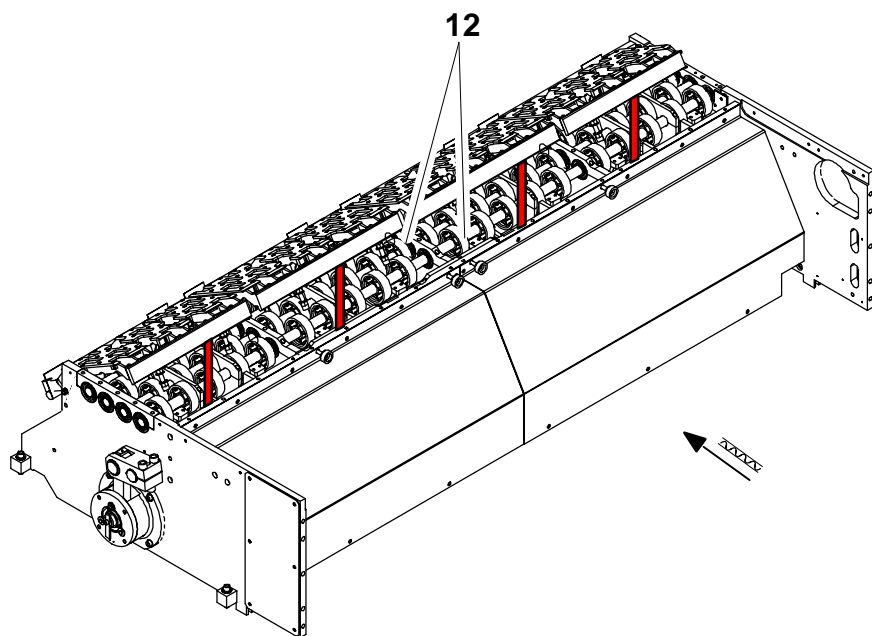
- Remove the roller shaft couplings (6),
- Remove the upper half-bearings (10),
- Remove the bars (5).

- Remove the attachment screws (8) holding the grilles (9) on the connecting rods,
- Lift the grilles (9) and prop them open,



- Withdraw the roller shafts (12).

Remark : With wheel shafts removed this is a good time to clean out the wheel box.



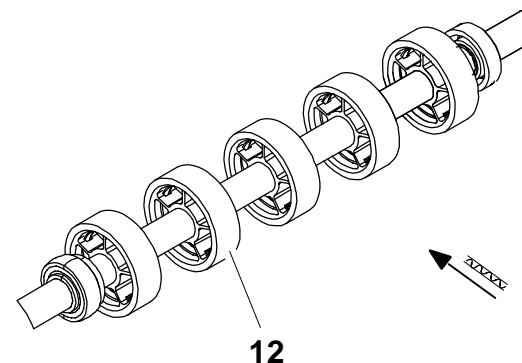
20-3 Wheel cover replacement

- Remove worn wheel treads and replace with new wheel tread covers, making sure that each new wheel tread is fully seated in aluminium wheel core (this can be accomplished by tapping wheel treads with a rawhide or plastic hammer or rolling entire shaft on a hard surface).

20-4 Resassembly


- Before the resassembly, lubricate the connecting rods,
- Reassemble the roller shafts (12),
- Check that the bearings are correctly positioned on the intermediate bearing housings,

Remark : Because the bearings are fitted on a split tightening hoop, check that the outer cage is not loose after tightening.



- Carry out the removal operations in reverse order.
- Width of 2400 only: align and calibrate the feed slides after fitting them (see corresponding sheet).
- Check the detector adjustment. See sheet "Adjusting the grid position setting".

20-5 Final operations

-  Remove the safety devices