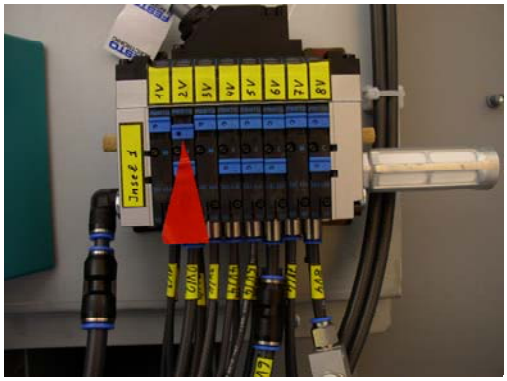
Installation Guide CREO Preloader (PL-T)

1) The Preloader should be lifted with suitable equipment (1,0 tons load capacity, 1500 mm fork length minimum) off the package pallet. Preloader is only to be lifted at the labeled position.



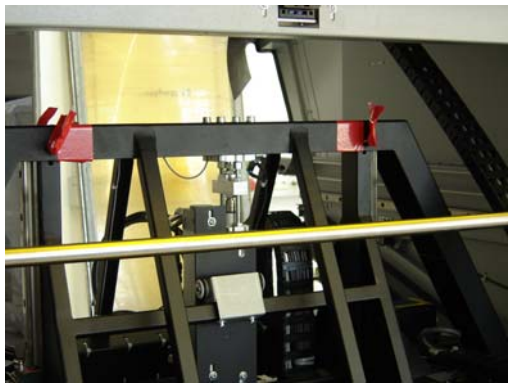


2) Afterwards, connect the compressed air and at the valve cluster 1, situated in the left switchboard, actuate shortly the manual operation No. 14 of the valve No. 2V. Deactivate the manual operation. Thereby, the plate trolley is lifted inside the PL-T that makes sure that when the transport lockings of the plate trolley are removed, there won't be a risk of injury.

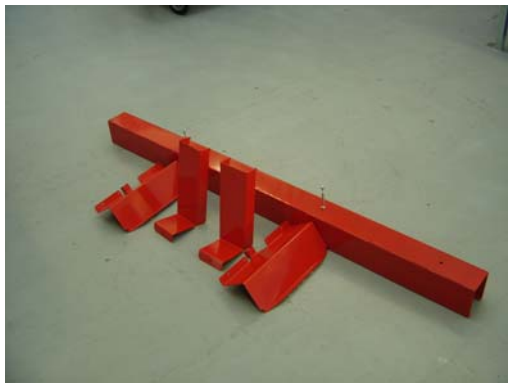


3) Remove the paper trolley and all transport lockings (red objects) according the following pictures.
Remove additional transport lockings, shown at the front door of the Preloader.



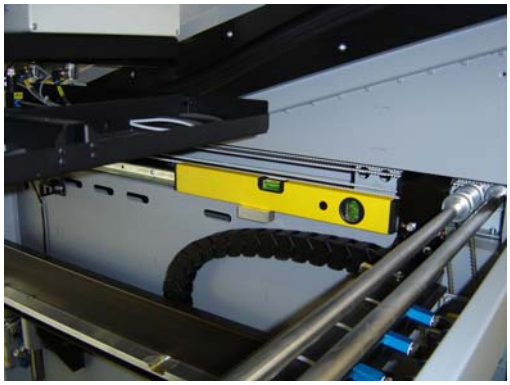


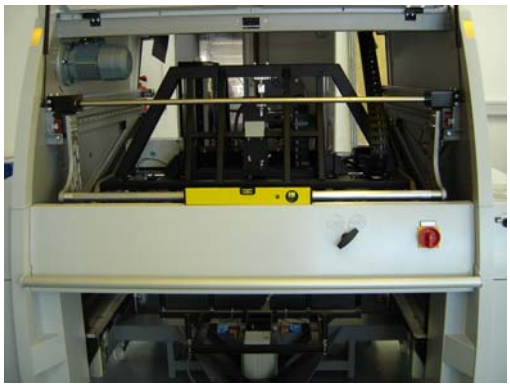




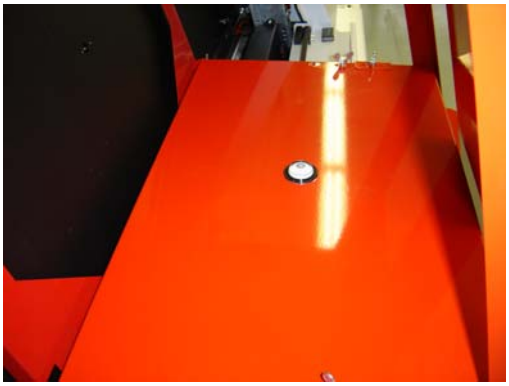
4) Connect the compressed air and the electricity supply. Attach the dongle (Sub-D 25-pole, situated near the attached material inside the switchboard) at the Interface cable. Turn the service key switch inside the electrical switchboard rightwards to activate it. Start up the Preloader and remove the plate trolley.

5) Place the Preloader as closely as possible to the final work position and equalize the base frame in modifying the four guide rolls. Control the flatness with a level, shown at the pictures below.

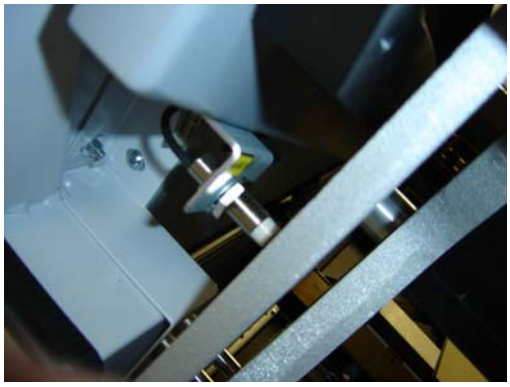


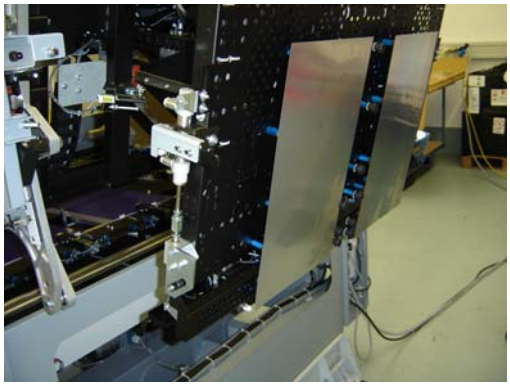



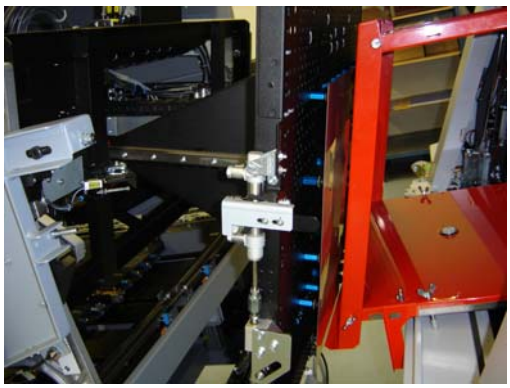
6) Install the attached setting-up equipment (BG207875) according the picture, fix it at the Trendsetter and align it with the present level.

7) Load the plate trolley, run the Preloader until deposit position (cylinder 14A1 and 15A1 extended) in the step mode.
Place the PL-T as closely as possible to the setting-up equipment at the Trendsetter and control the parallelism of the sucked plates to the vertical contact surface at the setting-up equipment.
By returning to the main menu and acknowledging the load mode, the PL-T can be reseted.
Move the OMRON proximity switch 41S6.1 and readjusting accordingly the buffer two-sided. Repeat this sequence until a parallelism of the two surfaces, described above, results.
Ideally, the two buffers to adjust the horizontal final position, should be taken back completely and only after final adjusted position of the proximity switch, they are docked lightly and countered in.
Let the PL-T stay in this position.

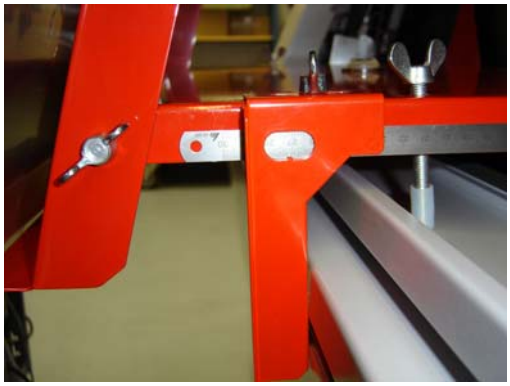








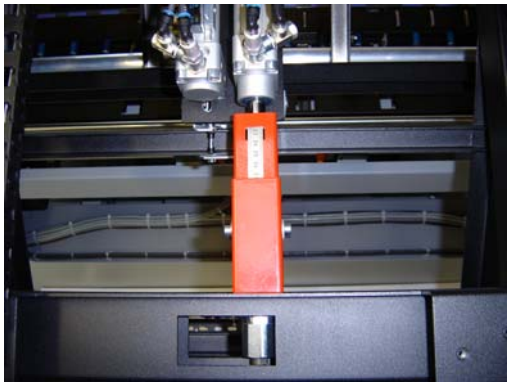
8) Adjust the BG 211524 “stop deposit stroke adjustable”, to the dimensions, which could be read off at the measure needle EZ 218617 at the setting-up equipment of the Trendsetter by applying the measure needle at the covering.
(range of about 260 – 280 mm)

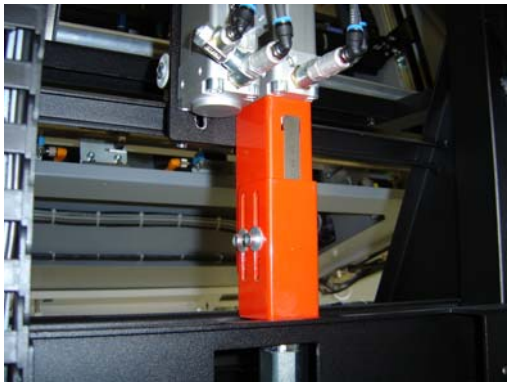




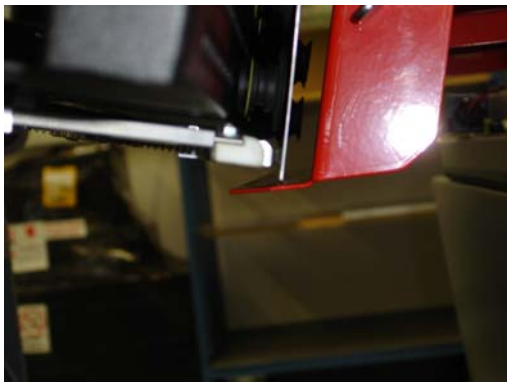
9) Deactivate the Preloader in the lasting deposit position by opening the front door and pose the afore adjusted “stop deposit stroke adjustable” at the cylinder 15A1 (deposit stroke vertical) over the extended piston rod. (left picture)
Actuate permanently the manual actuation 14 of the valve No. 16V at the valve cluster 2 (at plate gripper), (arrest to open the plate gripper lower blocker).

Move the cylinder of deposit stroke 15A1 towards basic position by activate step-by-step the manual actuation 12 of the valve 15V, until it is stopped by the deposited adjusting support over the piston rod.
After having reached this state, reset the manual actuation 12 of the valve No. 15V.
The adjusting support is now clamped at the cylinder 15A1. (right picture)



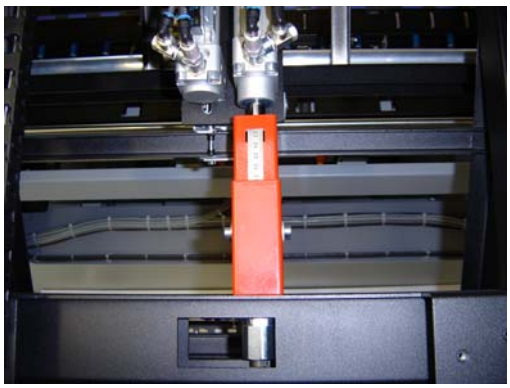


10) Approach the PL-T as closely as possible to the setting-up equipment. Turn the four guide rolls equally (one turn correspond to 1,5 mm height change), to adjust the PL-t in the height that the lower edge of the sucked plate, corresponds with the height of the vertical supporting area at the setting-up equipment.



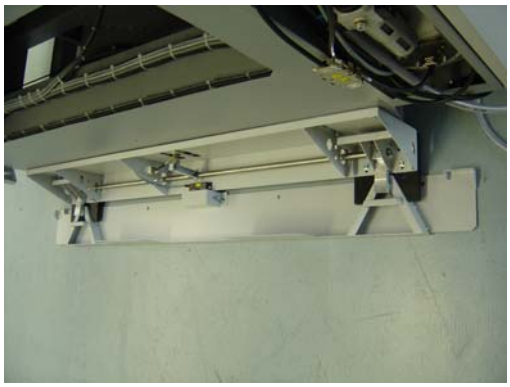


11) By actuating the manual operation No. 14 of the valve 15V, extend the deposit stroke (cylinder 15A1) and remove the “stop deposit stroke adjustable” from the piston rod.



12) Reset all of the still active manual operations at the valve cluster 2. Remove the setting-up equipment from the exposer and reset the PL-T by returning into the main menu and quitting the Load mode to get the basic position.

13) Adjust the fixing at the PL-T by the floor panel to the optimal working height. The locking mechanism has to be almost free from clearance. The switch 16S3 at the fixing has to be actuated dependably while locking. (1-2 mm distance)





14) Pose the floor panel of the fixing below the setting-up feet of the Trendsetter, place laterally and horizontal that the front of the frame of the Trendsetter is aligned with the front edge of the two attached sheet metals of the floor panel.





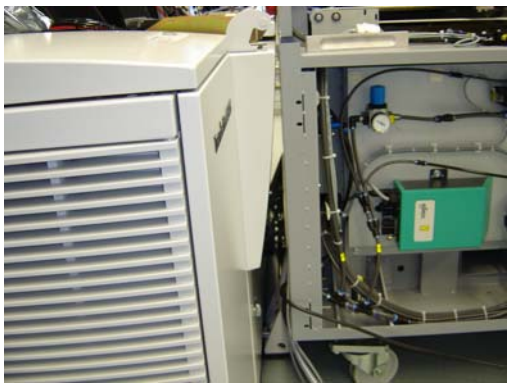
15) Install the added switch (16S12) ressponsible for the control of the front flap of the Trendsetter according to the instructions (update manual) and connect it to the terminal block inside the PL-T switchboard. See connections diagram BE000008 page 16 and page 35. The existing bridge of X1/13 and X1/14 has to be removed to activate the switch.



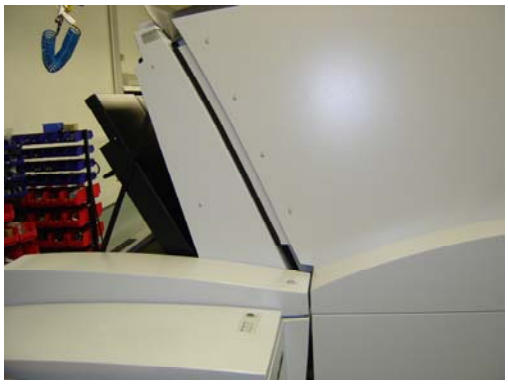


16) Push the PL-T to the exposer and lock it. If necessary move the floor panel beneath the Trendsetter feet, that the distance between the Trendsetter front covering and the PL-T base frame is about 5-10 mm at the narrowest point. It is possible to move the floor panel with locked PL-T, by lifting alternately the Trendsetter with a jack lift slightly and move the PL-T with the floor panel accordingly.





17) Align the adjustable coverings at the PL-T at both sides and at the exposer above, to prevent an access of light





18) Remove the PL-T from the Trendsetter. Connect the signal exchange cables of the PL-T with the interface of the exposer, fix the snatch cable at the PL-T and at the floor panel underneath the exposer. Replace and lock the PL-T at the exposer.



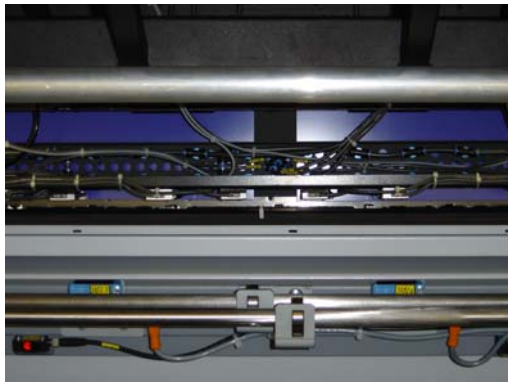


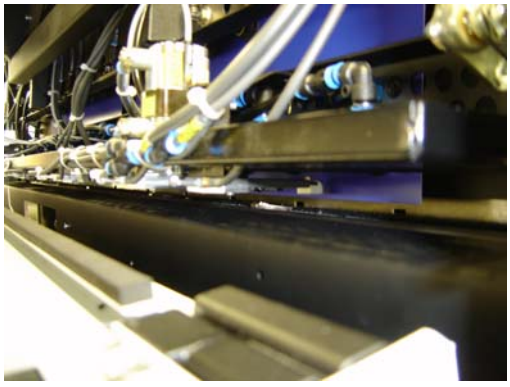
19) Deactivate the key service switch inside the PL-T switchboard (turn left), switch the PL-T with loaded plate trolley to automatic operation and actuate a plate request at the Trendsetter.

20) During the plate transfer to the Trendsetter the plate should be deposited into the exposer cassette with a distance of about 5 - 10 mm maximum over the vertical supporting points of the deposit surface.

To reach this adjustment, the PL-T must be increased to the afforded height by moving the four mobile guide rolls equally (one turn corresponds to 1,5 mm height change).







<u>Attention</u>:
If you adjust the guide rolls you have to adjust also the fixing at the PL-T again to the correct working height to the floor.
(see point 13)

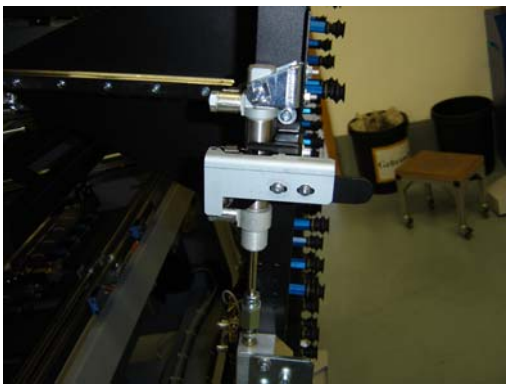
21) The horizontal deposit position should ideally proceed that the plate after shut down the vacuum, slides slowly down the rear panel of the exposer cassette, on the supporting points. This position can be adjusted by moving the switch guide of the deposit switch 42S7.4 .

Attention:

You have to pay attention that during the plate transfer, the deposit pneumatic cylinder 15A1 after reaching the final position of the pick up pneumatic cylinder 14A1, still has a rest way of about 55 mm at least to the final position, in his basic lower speed. Is the Trendsetter equipped with Dual-Bay, the rest way of the deposit cylinder has to be about 70 mm.

If the motion speed at one of the two cylinders during extending is changed by adjusting the flow control, can this directly influence the deposit position of the plates inside the Trendsetter. For this reason it is essential to control and if necessary correct the deposit procedure after any modification of one of the two cylinders, like described above.

Only in this way, a permanent faultless plate transfer to the Trendsetter can be assured.



22) The safety bar beneath the paper disposal has to be adjusted in the height so that there is a gap of about 5 mm to the lowered trolley.



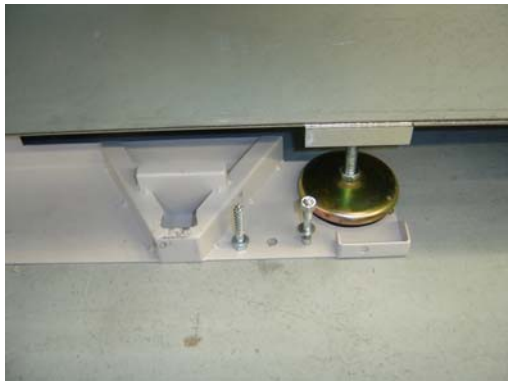


23) Syntonize the height of the safety holder beneath the front covering of the Preloader to a distance of about 5 mm to the lowered trolley.



24) If the function of the Preloader during production control, taking place in the installation phase, runs properly, the floor panel underneath the Trendsetter feet must be fixed with the enclosed floor-qualified screws.





Important!

As the reliability of the Preloader depends mainly on the plate material and the intermediate layer paper, it is absolutely essential to carry out during the following production controls, necessary tunings of parameters and adjustments according to customized requirements. (paper gripper, discharging time….)