

PRESS RETROFIT

ABB CP635 display as direct replacement of Lauer PC590 operator panels on Wifag OFx70 presses



— Original Lauer display (left) and new ABB CP635 display (right)

This can be used on presses with the original ABB AC110 or AC160 control system as well as on presses that have newer control systems based on ABB's AC500 PLC.

Physical compatibility

The CP635 display is supplied with a stainless steel mounting plate that fits exactly in the space previously used by the original Lauer display.

Owners of Wifag OFx70 presses (OF370, OF470 etc.) are confronted with the problem that the Lauer PCS950 displays used for the operator panels on their presses are obsolete and causing an increasing number of problems. ABB has now produced a 100% compatible operator panel based on the standard ABB CP635 display.

The CP635 display is made for an industrial environment and has resistance to solvents as follows:

- Contact for ½ hour at 21°C, no visible effect: Acetone, Butyl Cellosolve, Cyclohexanone, Ethyl Acetate, Hexane, Isopropyl Alcohol, MEK, Methylene Chloride, Toluene, Xylene
- Contact for 24 hours at 49°C, no visible effect: Clorox, Coffee, Downy, Fantastik, Formula 409, Ketchup, Lemon Juice, Mr. Clean, Mustard (slight yellow stain), Tea, Tomato Juice, Top Job, Wisk

Electrical compatibility

The CP635 display with software from ABB Printing has 100% electrical compatibility with the existing Lauer operator display.

The ABB software needs to be configured for the customer's site to take account of the functions available on the specific press. With the correct software loaded, replacing the display is a simple matter of plug-and-play.

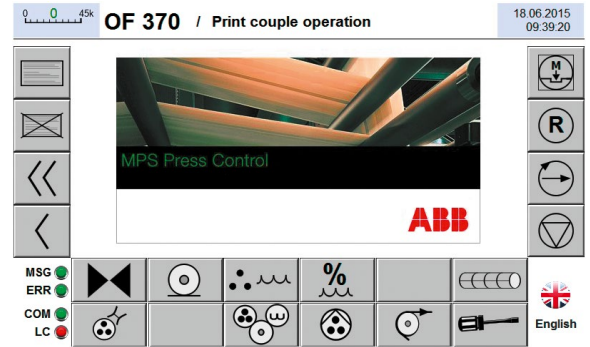
Graphical compatibility

The existing graphical conventions, structures etc. are retained so your personnel will immediately be able to work with the new displays.

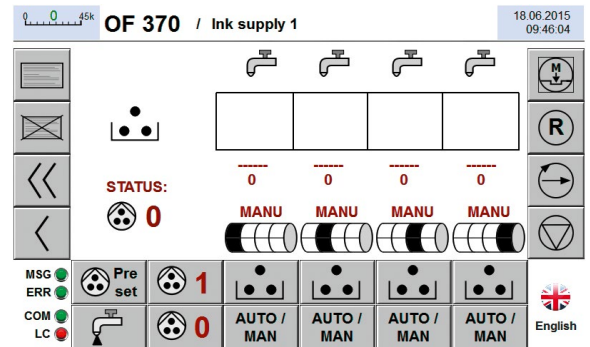
The CP635 display is a touchscreen display and therefore no keypad is required.

The 12 original softkeys are replaced by touch keys in the lower part of the display. The original fixed function keys, four on the left and four on the right, are now placed at the left and right sides of the screen.

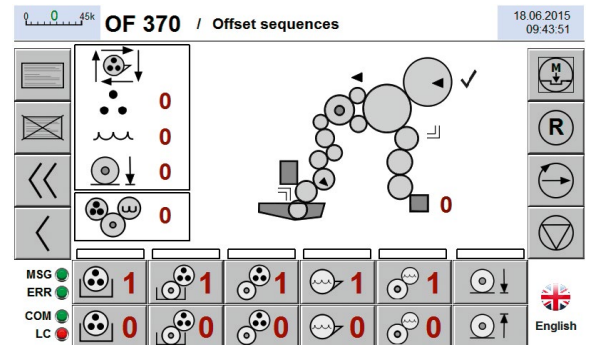
The CP635 has a 7 inch screen with a resolution of 800x480 pixels. These dimensions ensure that the central area available for the graphical display is the same size as that on the Lauer operator panel.



01



02



03

Example displays

01 Start screen

02 Ink supply

03 Offset sequence