RSP System 2.0 – Technical Details

The grid sheet to be used with the RSP System is fixed to the base plate on the printing press. Previously, a three-part system was used on the front and rear edge of the base plate. That system has now been replaced by a two-part locking hinge. The bolts needed for fastening the yellow locking bar are no longer required at all, as the new system operates by means of a hinge developed by us specifically for this purpose. The previous black bolts on the base plate have been replaced by locking hooks, the previous grid sheet bar fastening has been replaced by a newly-designed flat head bolt, and the fixing bar segment has been replaced by the hinge counterpart. This enables better utilisation of the limited space available on the printing press and reduces the height of the base plate by 30% in this area, providing significant handling improvement and therefore better ease of use.

The major innovation is the facility to also fix a flexible die directly onto the locking hinge, in addition to the RSP grid sheet. The RSP System direct-flexible die guarantees best reproducibility of shapes with a maximum level of accuracy.

In January 2012 we will be launching the first RSP System 2.0 for use on the Heidelberg SM 52 printing press. Two months later this will be followed by the current large-format Heidelberg printing press systems.

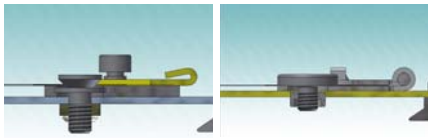
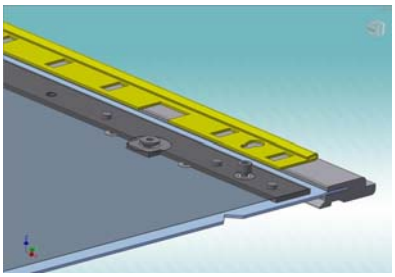
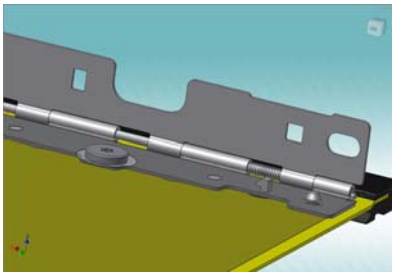


Illustration left shows the previous holding fixture for the grid sheet; to the right, the new locking hinge is seen in cross-section.
The height is reduced by approx. 30%.



The multi-part RSP System.
The yellow locking bar has to be removed and refitted.



The new locking hinge.
The upper part of the locking hinge is firmly locked to the lower part.