

I have heard that I should be tightening my blankets to a pre-set torque. Why do I need to do this and what is the correct figure for my press?

You have heard correctly! This is a critical aspect of mounting a blanket that is often not carried out properly. The main reason for torquing a blanket is to:-

- Eliminate guesswork – in a process full of uncontrollable variables it eliminates one
- Standardise blanket installation
- Eliminate register problems – through under-tightening
- Improve smash resistance – through over-tightening
- Eliminate packing creep

We are all built to different sizes, shapes and strengths so the amount of force we apply when mounting a blanket can vary quite significantly. So it's important to know that regardless of who mounts a blanket it is sitting on the blanket cylinder under a constant known tension.

Also when you consider the amount of investment that has gone into your CTP technology to be able to produce a consistent dot on a plate time after time it seems wasteful to lose that benefit because the blankets have all been mounted at different tensions, affecting the quality of that dot.

Below is a table containing some common presses and the target torque settings:-

Press	Torque
SHEETFED	
Heidelberg Speedmaster 74/74CD	46
Heidelberg Speedmaster 102/102CD	63
Heidelberg XL105	63
Komori 28/29	47
Komori 40	61
Roland 700	60
Roland 900	110
Mitsubishi D1000	55
Mitsubishi D3000	80
KBA105/106	55
KBA 142/142A	75
KBA 162/162A	80
KBA 205	110
WEB OFFSET	
Heidelberg/Goss M600	60
Komori System 38/40	45
MAN Polyman	60
MAN Rotoman	60
MAN Lithoman	60

If you require more technical information to help you make the correct blanket choice please contact us.