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4 rules to consider when talking about the performance (plates/hour) on the Lotem Quantum 400

1. Plate Should have sensitivity of 130 mj/cm2 and lower (today it is mainly the Agfa P970 and Mitsubishi LT-2) > any slower plate will result in Drum Speed which is slower the maximum (450 rpm) and then expose time will be longer.
The only official way to tell if plate is slow or fast and what will be the Drum speed is via the Media Spec datasheet, see link:

http://intranet.creo.com/ProdDev/projects/media/Documents/Offset_Plate_Specifications.xls

Please make sure that you select the correct plate name, the CTP device and the default plate size which is 750.

2. The Lotem resolution should be 2400 DPI. At 2540 we will get about 1 plate less per hr.

3. Maximum number of Punch unit working per plate = 2. Any additional punch will add 4-7 sec to the loading cycle and may reduce speed.

4. Any special setting in the Loading cycle may slow the device > each plate size has an option for Fast or Slow load (engineer setup during installation), Plate Backward separation number (used to help separating plates or paper when humidity is not good) will contribute 4 sec per operation.
Special punch configuration (Variable edge or pitch) will add more time.

For more information contact: Dov Elbaz (CREO Europe, Product Support) ext.# 2554

Creo Regional Name

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