

Variable Speed Printing

ABSTRACT

An image reproduction device for document processing is described.

- 5 Although the device has a nominal processing speed (47) at which it can process sheets continuously at a nominal document quality, it is arranged for processing sheets at a continuously variable processing speed including the nominal processing speed, the actual processing speed being selected in dependence of operational conditions. In particular, the device is arranged for gradually adjusting the processing
10 speed (46) from one processing speed to another processing speed.

A control structure is given for selecting the variable processing speed in dependence of operational conditions, and for operating the image reproduction device at the selected processing speed.

- In a particular application of the variable speed, a print job may be started at
15 an increased processing speed (45) and then gradually fall back to the nominal speed (47), giving a fast start and a shorter processing time for short print jobs.

(Fig. 4)