

# MAN PECOM SYSTEM WITH ELTROMAT PLATE SCANNER DPM

The DPM plate scanning system is connected to the Pecom Server PC. A signal converter RS232 – RS422/485 from WESTERMO (product MA-42) is used to go over a distance up to 1500 meter between the Pecom Server and the scanner system.

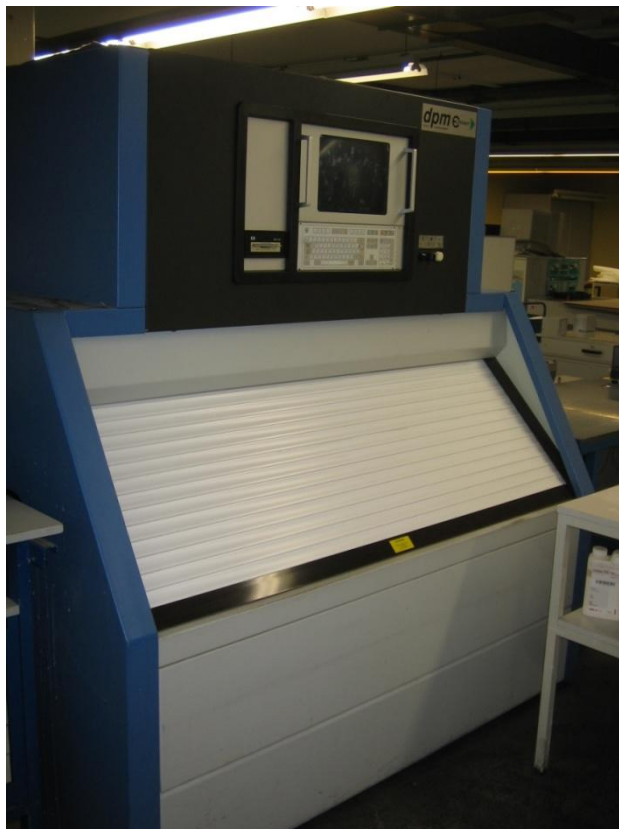
At the scanner site, a PC with a MS-DOS based program takes the user through the process of scanning plates.

Workflow overview: At the Pecom system, the user defines a job with the involved colors/ units, paper etc. At the german site, the costumer uses for 95% CMYK-CMYK jobs. The other 5% are CMYK S1 – CMYK S1 or CMYK S1 - K S1.

Interesting issue: Even when the job is CMYKS1 – KS1 only, the user will setup the job as CMYKS1 – CMYKS1. The operator at the scanner will scan a “blind” plate for the not used color, in this example CMY.

## Pictures

Eltromat DPM scanner with MS-DOS pc in the center





On the right side, the serial data cable is visible



The Octoman consoles



Press configuration

## MAN Roland Octoman



### MAN Roland Octoman: 8-Seiten A4

#### Technische Daten

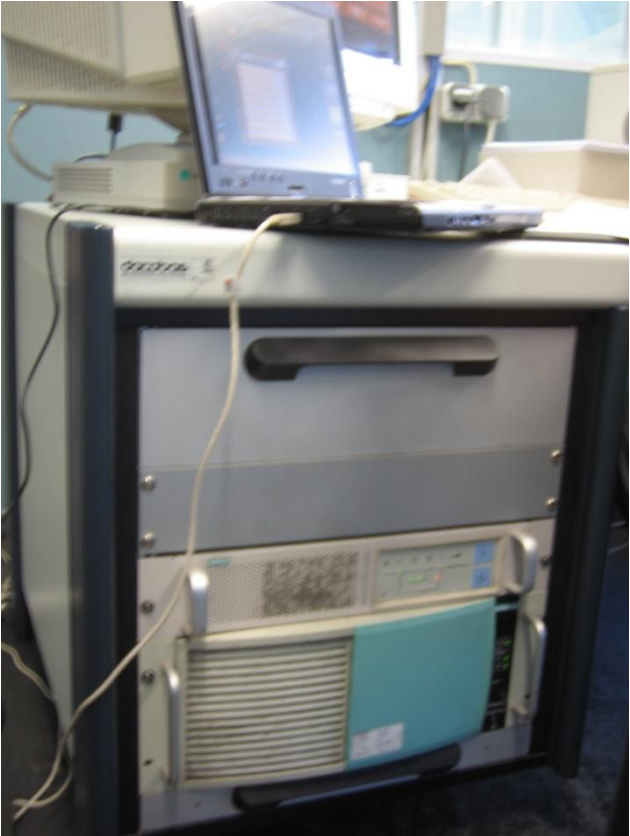
Baujahr: 1999  
Drehzahl: max. 50.000 U/Std.  
Umfang Plattenzylinder: 452 mm  
Umfang Gummizylinder: 452 mm  
Papierbahnbreite: 32 cm – 66,5 cm  
Papiergeschwindigkeit: max. 6,5 m/s <sup>23,5</sup> 24 km/h  
Papiergewicht: 38 g/m<sup>2</sup> – 200 g/m<sup>2</sup>  
Abschnittlänge: 45<sup>2</sup> cm

Pecom GUI

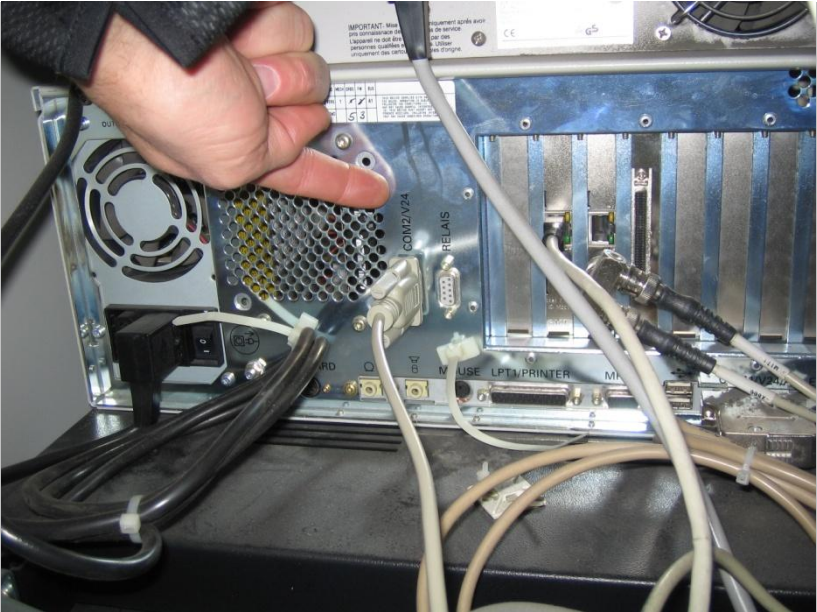


Produkt	Menge	Beginn/Produktion	Ende/Produktion	Anzahl	Status
21448	2000	11.09.02	11.09.02	1	Produktion
22725	4000	11.09.02	11.09.02	1	Produktion
21331	4000	11.09.02	11.09.02	1	Produktion
21332	4000	11.09.02	11.09.02	1	Produktion
22359	4000	11.09.02	11.09.02	1	Produktion
22334	4000	11.09.02	11.09.02	1	Produktion
22376	4000	11.09.02	11.09.02	1	Produktion

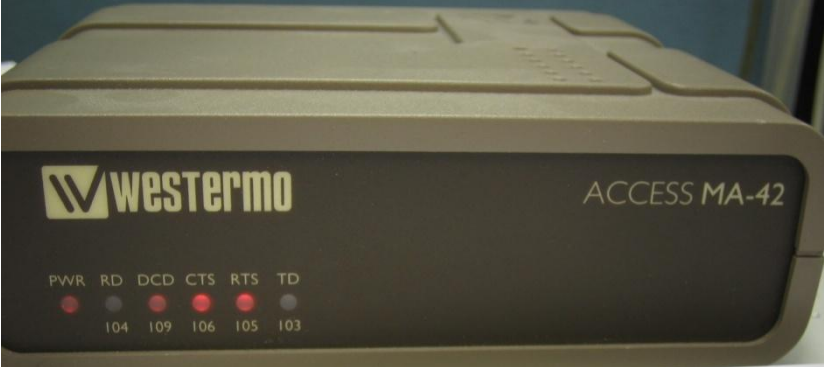
Pecom UNIX Server  
(Siemens PC)



On the back side of the  
Siemens PC the data cable  
from the scanner is attached  
(COM 2)



The signal converter between the scanner and the Pecom Server



Converter from the back



Data connection



Eltromat DPM Scanner



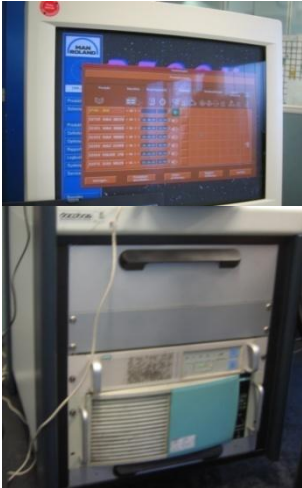
RS422/485



RS232 to RS422/485 converter



RS232



Pecom UNIX Server

