Technical Specification and List of Accessories

Machine: **MPS EF-330/6 UV Flexographic Printing Press**
Year: 2008, Serial No.: H345
Meter counter: ~ 30 million meters

The machine can be inspected under power by prior appointment.

Location: Budapest, Hungary

Availability: Immediately available

General Specifications

- Maximum web width: 330 mm
- Material thickness: 25–250 µm
- Maximum print / die-cut width: 330 mm
- Maximum print / die-cut repeat: 431.8 mm
- Maximum machine speed: 150 m/min
- Maximum unwind / rewind roll diameter: 1,000 mm
- Maximum matrix rewind diameter: 750 mm

Machine Configuration

- Heavy-duty unwind with lifting device, splice table and web guiding system, max. roll diameter 1,000 mm.
- EF system including infeed rollers with web tension control.
- BST web guiding system upgraded with an **ultrasonic sensor** for transparent substrates. Original optical sensor retained as backup.
- Six UV flexographic print units, six driven chill rollers.
- Rails for positioning additional modules.
- Multi-drive system with central machine control and automatic register preset.
- Outfeed rollers.
- Heavy-duty single-roll rewind with lifting device, max. roll diameter 1,000 mm.
- Automatic longitudinal register control for all six print stations.
- GEW UV curing: 5 × VCP units and 1 × E2C unit (station 6). Six e-Brick power supplies and one exhaust fan.
- Electrical cables extended by 5 metres compared with the standard machine.

Additional Modules

- Double rotary die-cutting station with one Kocher & Beck GapMaster.
- Matrix rewind unit.
- Hydraulic impression read-out.
- Web break detection.

- Single-sided **Vetaphone corona** treater.
- BST Powerscope web inspection system with motorised positioning.
- Double-sided **TEKNEK web cleaning** system.
- Options for unsupported filmic substrates.
- Rewind monitoring.
- Coated guide rollers.
- FST edge trimmer with two crush knives.

Accessories

- 6 anilox rollers (***Note:*** *The anilox rollers are supplied complete with handles and drive gears. As with most pre-owned presses, the buyer may wish to re-engrave or replace the anilox rollers to suit their own printing applications.)*
- 6 fountain rollers
- 6 doctor blade holders
- 6 ink pans
- 2 × 76 mm (3") air shaft (unwinder & rewinder)
- 1 × 150 mm (6") air shaft (unwinder only)
- AirBoy sleeve system: and 1 air cylinder (print 96 Z, no sleeves supplied) The inflating stand is currently not available.
- Operator manuals and documentation

Included Tooling (manufactured by Spilker);

Repeat	mm	Z	Magnetic Cylinder	Print Cylinders
8"	203,2	64	1	6
9"	228,6	72	1	6
10"	254	80	1	6
11"	279,4	88	1	6
12"	292,1	96	1	6
12.625"	320,675	101	1	6
13.25"	336,55	106	1	6
Total			**7**	**42**

Service & Maintenance History

- Original MPS installation report available (2017).
- GEW UV system serviced regularly.
- Rexroth servo motor overhaul (by Bosch Rexroth DE).
- Siemens Simatec and profibus control module replacement.
- BST ultrasonic web guide upgrade.
- Documented maintenance records available.

Current Technical Status

- Machine operational and available for inspection under power.
- Cool Master process chiller for the chilled roller circuit requires repair.
- Kocher & Beck GapMaster requires re-synchronization following support cylinder bearing replacement. Special setup gauge required for adjustment. No mechanical defect is known.