

Curriculum Vitae of the machine Reference number: 26531



SOMA PLUTO Slitter Reel to Reel

Manufacturer: SOMA spol. s r.o.,
Lanskroun, Czech Republic
Production Year: 2006

Availability: immediately

Sale Reason: production reduction



Condition of the Machine: functional, condition and wear and tear according to its age, well maintained can be seen running

Disclaimer: The Condition of the Machine assessment presented in this CV was either obtained from the last machine operator or is based on an inspection performed by our employee, just to provide you with as much information as possible. For more certainty we recommend your own check or an assessment of an independent mechanic. We cannot provide you with any machine guarantee.

More Details:

The SOMA PLUTO is a slitter rewinder designed for processing paper, films and laminated materials. It unwinds a master roll, slits the web and rewinds finished rolls.

Technical Parameters

Maximum web width: 1600 mm
Maximum unwind roll diameter: 1000 mm
Maximum rewind roll diameter: 600 mm
Core diameter: 76 mm
Maximum speed: 400 m/min
Machine weight: approx. 4300 kg
Power supply: 400 V, 3PE AC, 50 Hz
Operating current: 33 A
Installed power: 23 kW
Operating power consumption: 17 kW

Unwind Section

Automatic web tension control using a pneumatic dancer system. Pneumatic disc brake. Pneumatic expanding shaft. Bi-directional unwinding. Optional web guiding system.

Slitting and Transport Section

Driven bowed roller, rubber-coated drive roller, razor blade holders with oscillation mechanism, grooved bottom knife shaft and optional rotary knife system.

Rewind Section

Two rewind shafts arranged vertically. Automatic rewind tension control. Pneumatically operated shaft supports. Friction rings and automatic nip pressure regulation.

Drives

AC motors controlled by frequency inverters. Main drive powers the transport roller, knife shaft and bowed roller. Separate rewind drive.

Electrical System

Mitsubishi MELSEC PLC, operator panel, auxiliary panel, recipe storage and inverter-controlled drives.

Process Materials

Paper, PP/PET films, LDPE, HDPE, aluminium foil and multilayer laminates.

Pneumatics and Safety

Operating pressure 0.5–0.8 MPa. Machine protection IP43, control section IP54. Maximum noise level 85 dB(A).