

**CONVERTING**

Jumbo Roll Film Slitting Machine

Slits jumbo rolls of OPP, BOPP, PVC, PET and PE film into finished narrow rolls — working width up to 1,300 mm, up to 300 m/min.

**up to 1,300 mm**

WORKING WIDTH

up to 300 m/min

MECHANICAL SPEED

0.012 – 0.15 mm

FILM THICKNESS

up to Ø 800 mm

UNWIND DIAMETER

The machine slits jumbo film rolls into finished narrow rolls. It runs OPP and BOPP, PVC, PET and PE film from 0.012 to 0.15 mm thick, at a mechanical speed of up to 300 metres per minute, across a working width of up to 1,300 mm.

Jumbo rolls of up to Ø 800 mm are carried on 76 mm cores and the finished rolls are wound up to Ø 500 mm on the same core size. A web guide holds the film in line to within ± 0.3 mm with a movement range of ± 75 mm, so the slit edges stay straight at full speed.

The machine can be supplied with a single drive motor or with two motors.

TECHNICAL PARAMETERS

Suitable materials	OPP, BOPP, PVC, PET and PE film
Material thickness	0.012 – 0.15 mm
Max. working width	1,300 mm
Max. unwind diameter	Ø 800 mm
Max. rewind diameter	Ø 500 mm
Unwind core diameter	Ø 76 mm (3 in)
Rewind core diameter	Ø 76 mm (3 in)
Mechanical speed	up to 300 m/min, according to running conditions
Web guiding accuracy	± 0.3 mm
Web guide movement range	± 75 mm
Traction motor	4.0 kW × 1
Rewinding motor	5.5 kW × 1
Drive configuration	Single motor or twin motor
Pneumatic pressure	0.6 MPa

Power supply	AC 380 V $\pm$ 5%, three phase five wire, 50 Hz
Machine dimensions (L×W×H)	3,100 × 1,800 × 1,550 mm
Machine weight	3,000 kg

KEY FEATURES

- Machine wall panels 50 mm thick — high strength and low stress, stress relieved twice.
- NSK bearings on all rotating parts.
- All machine units machined on CNC machining centres.
- All rotating components balanced for running at high speed.
- Emergency stop button and pull-wire switch on the operator side.
- Misoperation and faults are signalled both on the control panel and by a warning siren.

PHOTOGRAPHS



WARRANTY & AFTER-SALES SERVICE

Every machine carries a warranty of one (1) year from the date of commissioning, covering the repair or replacement of parts in case of manufacturing defects. It does not cover malfunctions resulting from misuse, neglect or external factors such as unstable power, accidents, tampering or force majeure, nor wearing parts consumed in normal operation — sealing knives and cutting blades, Teflon tape, heaters, filters and screens.

Installation, commissioning and operator training are arranged by Miroplastic, and an operating manual is supplied with each machine. Technical support is available by telephone and email during the warranty period and thereafter. Spare parts and consumables are available from Miroplastic.

Photographs are for reference only. Miroplastic reserves the right to improve the specification of its machines without prior notice. Actual output depends on the material, width and thickness run.

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