

**WOVEN BAGS**

Plastic Tape Drawing Machine

Extrudes and draws PP and HDPE into flat tape for circular looms — Ø 140 mm screw, 1,600 mm die, 120–240 kg/h.

**120–240 kg/h**

CAPACITY

Ø 140 mm

SCREW DIAMETER

1,600 mm

DIE WIDTH

80–200 m/min

LINE SPEED

The machine takes polypropylene and high density polyethylene and, by heating, extruding and drawing, makes flat tape that is then wound for weaving on the circular loom. It can run on 100% recycled PP and PE granules or powder.

The screw and cylinder of the extruder are of nitrided 38CrMoAlA alloy steel with a hardness above HV 950, and the extruder is driven through a helical gear reducer of 20CrMnTi alloy steel. The chain wheels are of 45# medium carbon steel, high-frequency quenched. The driving rollers are hard chrome plated, and the traction unit has a self-controlled tension winding roller.

TECHNICAL PARAMETERS

Screw diameter	Ø 140 mm
Screw length	4,800 mm
Gearbox	ZLYJ315
Die width	1,600 mm
Ovens	2
Extruder motor	45 kW
Extruder heating power	77 kW
Drive power	4.1 + 11 kW
Production capacity	120–240 kg/h
Linear speed	80–200 m/min
Installation dimensions (L×W×H)	22,000 × 3,200 × 2,200 mm
Weight	16,000 kg

KEY FEATURES

- Runs on 100% recycled PP and PE granules or powder.
- Screw and cylinder of nitrided 38CrMoAlA alloy steel, hardness above HV 950.
- Helical gear reducer of 20CrMnTi alloy steel.
- Chain wheels of 45# medium carbon steel, high-frequency quenched.
- Hard chrome plated driving rollers.
- Self-controlled tension winding roller on the traction unit.

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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Lebanon · Sid el Bouchrieh · P.O. Box 90746 · T +961 1 688 908 · M +961 3 470 005 · info@miroplastic.com · miroplastic.com