BAG MAKING

Fully Automatic T-Shirt Bag Making Machine — 380 mm × 2

High-speed double-line machine making T-shirt shopping bags from HDPE/LDPE film — bag width to 380 mm on each line, 250 bags a minute per line.

380 mm × 2	250 pcs/min × 2	0.015 – 0.035 mm	9 kW
MAX. BAG WIDTH	SPEED	THICKNESS	TOTAL POWER

A fully automatic, high-speed machine that turns HDPE or LDPE roll film into T-shirt (vest) shopping bags of the kind supermarkets hand out. Feeding, sealing, cutting, hole punching and conveying run as one continuous process, on two lines at once.

A PLC with a double servo drive holds each line to a fixed bag length, set on a touch screen. A photocell follows the print mark on printed film; the punching unit makes bags with or without a side fold, and a PU conveyor carries the finished bags out.

TECHNICAL PARAMETERS

Model	RGHQ-400X2B
Max. bag width	380 mm × 2
Max. bag length	650 mm
Film thickness	0.015 – 0.035 mm (single layer)
Speed	250 pcs/min × 2
Material	HDPE / LDPE roll film
Air pressure	5 kg/cm²
Total power	9 kW
Machine weight	2,000 kg
Overall dimensions (L×W×H)	6.0 × 1.4 × 1.6 m
Bag types	T-shirt shopping bags, folding and non-folding

SPARE PARTS SUPPLIED

Thermocouple	2
Temperature controller	1
Spring	20
Electric valve	1
Relay	1

Belt	1
Heater	2
Heating tube	2
Switch	1
Button	1
Tool box	1
Operation manual	1

MAIN COMPONENTS

1. Yaskawa servo motor for feeding
2. Main motor 1.5 kW, Chinese brand
3. Sick photocell
4. Panasonic photocell × 2 (Japan), for printed bags
5. Eura inverter (Taiwan)
6. Marto air cylinders (Taiwan)
7. Yudian temperature controller (Taiwan)
8. Airtag electric valves (Taiwan)
9. PLC and touch screen, Chinese brand
10. Chint electric parts
11. Machine body of 12 mm steel plate

KEY FEATURES

- Two lines at once — up to 250 bags a minute on each.
- Fixed-length feeding by PLC and double servo, set on a touch screen (manual in English).
- Film rolls loaded by air cylinder; unwinding under frequency-motor control with an Eura inverter.
- Panasonic photocells follow the print mark on printed bags.
- Static eliminator box and air feeding through the sealing and cutting section.
- Copper sealing knife and a strengthened cutting-knife holding shaft.
- Punching on a 15 mm nylon plate with a hard-wearing cutting knife; makes folding and non-folding bags.
- PU conveyor delivers the finished bags.
- Heavy 12 mm steel plate structure, automotive paint finish.

PHOTOGRAPHS

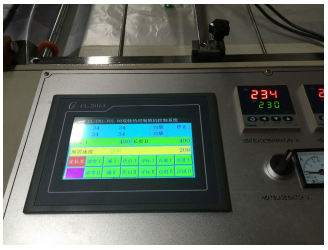
T-shirt shopping bags

Unwinding — air-cylinder roll loading and inverter-controlled unwind

Sealing and cutting section

Punching unit and PU conveyor

The line at work, with finished bags



Control panel — touch screen and temperature controllers

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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