

USED MACHINE OFFER

Italtech Impetus BT 750/5100 — 750 Ton Injection Molding Machine

Manufacturer: Italtech S.p.A., Mazzano Brescia (Italy) · Year 2012 · Serial No. 9793 · Offered by iB23 Group

Price on request

750 t

CLAMPING FORCE

Ø 95 mm

SCREW DIAMETER

2012

YEAR BUILT

ENERGY SAVING

INVERTER ES

APPLICATIONS

What can this press produce?

A 750-ton double-toggle press is the workhorse size for long runs of large parts: the five-point linkage closes fast and holds cheaply, and the ES version puts an inverter on the pumps so the machine draws what the cycle needs rather than running flat out. A 2,963 g shot covers most crates, bins and technical parts in one go.

Crates, bins & containers

Industrial & logistics pallets

Automotive components

Large housewares

Thin-wall packaging

Technical parts in long runs

Illustrative examples based on machine class — not a guarantee of compatibility with a specific tool.

TECHNICAL DATA

Full technical specifications

CLAMPING UNIT

Euromap classification	7500 H / 5100
Clamping force	7,357 kN
Mold opening stroke, max	1,000 mm
Mold platen size (H × V)	1,475 × 1,410 mm
Tie bar clearance (H × V)	1,000 × 940 mm
Mold thickness, min–max	350–1,000 mm
Ejector stroke / force	300 mm / 87 kN
Clamping type	Double 5-point toggle

INJECTION UNIT

Screw diameter	95 mm
L/D ratio	22
Stroke volume	3,259 cm ³
Shot weight (PS)	2,963 g
Injection rate	610 cm ³ /s
Injection pressure, max	1,755 bar
Plasticizing rate (HDPE)	105 g/s
Screw speed, max	130 min ⁻¹
Heating power / zones	46 kW / 6 + 1

Equipment & accessories

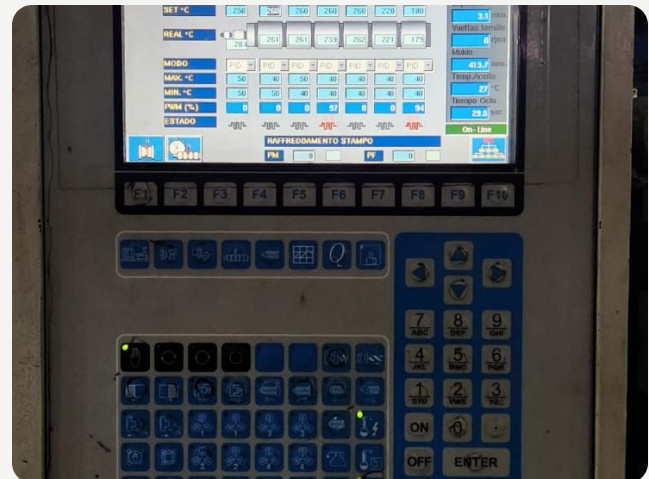
- Double 5-point toggle clamping unit
- Inverter on the pump motors (ES energy-saving version)

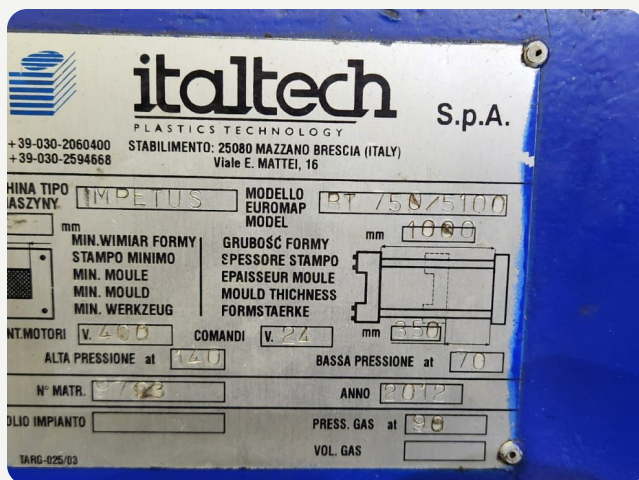
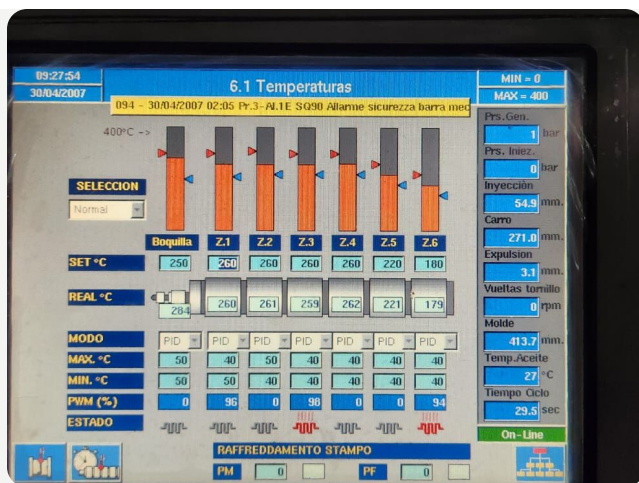
- Pump motor power 45 + 45 kW
- Mold opening and closing on three speed profiles
- Central hydraulic ejector with dual speed control
- Electrical and hydraulic gate interlocks
- Centralised automatic lubrication
- Air-ejection set
- Mold protection selectable on screen
- Closed-loop control of speed, pressure and back pressure
- Proportional valves on clamping, servo-valves on injection
- In-line hydraulic motor · ceramic heater bands
- Suck-back before and after injection
- Cold-start screw protection
- Sliding hopper with level sight
- In-line pressure transducers · 10 micron oil filtration with clogging alarm
- Oil level and oil temperature monitoring
- Motors 400 V · controls 24 V · high pressure 140 bar, low pressure 70 bar
- Oil tank 1,500 l · machine weight 42 t · overall dimensions 10,600 × 2,300 × 2,400 mm

Figures from the Italtech specification for the Impetus BT 750/5100 with Ø 95 mm screw, and from the machine's own plate (serial 9793, year 2012). Current condition, hours and tooling confirmed on request.

GALLERY

The machine in the plant





NEXT STEPS

Interested in this machine?

Contact our team for the price, full documentation, a video, and to schedule a visit to see the machine running.

 Italy

Via Padania, 23 — Verolanuova (BS)

 USA

2672 NW 112th Ave — Doral, FL

 Brasil

Av. Paschoal Ardito, 2621 — Americana SP

Email Us

 Ask on WhatsApp

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