

Used HUSKY 48 cavity injection molding machine - Year 2014

Machine type:	Injection Molding Machine
Ref:	PR27
Model:	HPET 230E-RSE95D-95
Year:	2014
Speed:	448 Bottles/hour
Condition:	New
Containers:	PET

Technical details

No. of cavities:	48	Neck type:	30/25 and 29/25
Preform weight:	28	Safety features:	Yes
Manuals:	No	Width:	80000 mm
Length:	220000 mm	Power:	200 kW
Voltage:	400 V	Frequency:	50 Hz
Ampere:	358 A		

Description

Used HUSKY 48 cavity injection molding machine - Year 2014

Technical Specifications & Performance Data

This Husky Injection Molding Machine is engineered for high-efficiency PET preform production, delivering robust performance and precision for industrial packaging and beverage production environments. Its substantial clamping force and optimized injection unit support demanding multi-cavity molds, ensuring consistent part quality and cycle stability. Ideal for integration upstream of stretch blow molding in PET bottling equipment, it provides the throughput and reliability required for both new installations and upgrades to a used bottling line or second hand production cell.

- **Manufacturer:** Husky Injection Molding Systems
- **Model:** HPET 230E-RSE95D-95
- **Year of manufacture:** 2014
- **Production output:** 448 kg/h

- **Mold cavities:** 48
- **Clamping force:** 2254 kN
- **Max. mold stroke:** 550 mm
- **Mold shut height:** 250–660 mm
- **Max. ejector stroke:** 150 mm
- **Distance between tie bars:** 610 × 610 mm
- **Screw diameter:** 95 mm
- **Screw stroke:** 375 mm
- **Max. screw speed:** 120 rpm
- **Max. injection pressure:** 1170 bar
- **Injection capacity:** 2658 cm³
- **Screw L/D ratio:** 25:1
- **Melt channel diameter:** 22 mm
- **Preform specs:** 48-cavity mold; 28 g (30/25 neck) and 26.5 g (29/25 neck)
- **Footprint (area required):** W 800 cm × L 2200 cm

Advanced Automation & Control Systems

The system features an industrial control panel designed for stable, repeatable operation and safe maintenance access. Electrical architecture supports multi-phase operation with clearly rated protection, ensuring reliable performance across production shifts.

- **Power supply:** 3 ph, 400 V, 50 Hz
- **Connected load:** 200 kW; 358 A
- **System wiring:** 3PH + N + PE
- **Short-circuit current rating (SCCR):** 10 kA
- **Largest motor (panel rating):** 10 A
- **Largest heat load (panel rating):** 39 A
- **Air pressure:** 10 bar
- **Integrated take-out device interface:** compatible with automated preform handling
- **Safety:** CE-marked control system with emergency stop circuits and guarding provisions

Production Line Integration Capabilities

Purpose-built for PET preform manufacturing, this injection molding system integrates seamlessly with upstream resin handling and drying and downstream quality inspection, storage, and logistics. It is an excellent fit for industrial packaging and beverage production, feeding PET blow molding machines on PET lines within modern bottling equipment layouts.

- **Operation modes:** Standalone cell or integrated in automated production lines
- **Downstream compatibility:** Conveyance to blow molding and bottling equipment for water, juice, beer, wine, and other beverage applications
- **Mold flexibility:** Supports 48-cavity tooling in common beverage neck finishes (30/25, 29/25)
- **Preform range:** 26.5–28 g examples provided; adaptable within machine and mold limits

Machine Condition & Maintenance History

Manufactured in 2014, this machine has not been started and has zero operating hours. It has been kept in storage, preserving its as-built condition. The system presents a strong opportunity for facilities seeking near-new performance with immediate availability for commissioning.

- **Operational status:** Never started; in storage
- **Operating hours:** 0 h
- **Condition:** New/unused, ready for commissioning

Operational Performance & Versatility

Optimized for beverage-grade PET preforms, the machine's injection unit and clamp deliver stable cycles and dimensional repeatability. The 48-cavity configuration enables high throughput while the specified neck finishes (30/25 and 29/25) cover widely used closures in beverage production. High injection pressure capability and a 95 mm screw provide the plasticizing and fill performance required for consistent preform weight distribution and clarity.

- **High throughput:** 448 kg/h for large-scale production
- **Versatile neck finishes:** 30/25 and 29/25 compatible
- **Quality consistency:** Parameters support uniform wall thickness and weight
- **Industrial packaging fit:** Suitable for integration with beverage production and used bottling line upgrades

Installation Requirements & Site Preparation

Plan the installation area to accommodate the machine footprint and safe service access, as well as auxiliary equipment such as resin dryers, chillers, and air systems. Ensure stable electrical power and compressed air in line with the specifications.

- **Space requirement:** Approx. W 800 cm × L 2200 cm
- **Electrical:** 400 V, 3-phase, 50 Hz, 200 kW, 358 A
- **Pneumatics:** 10 bar compressed air
- **Foundations:** Level, load-bearing floor suitable for injection machinery

Safety Standards & Compliance Certification

The system is designed and labeled to meet industrial safety norms, including CE conformity. The control panel features emergency stop circuits and protective ratings that support safe operation and maintenance in high-throughput environments typical of beverage and industrial packaging facilities.

- **Compliance:** CE marking
- **Electrical safety:** SCCR 10 kA
- **Operator safety:** Provisions for guarding and interlocks, emergency stop circuits