









266-268 Calea Rahovei Bucharest - ROMANIA
Tel :++4021 4042105; 4042146 Fax : ++4021 4042194; 4042148
sales@electromagnetica.ro <http://www.electromagnetica.ro>



PLASTIC INJECTION MOULDING

CONTENTS

-  **Offer**
-  **Injection moulding materials**
-  **Maximal weight of injection moulded part**
-  **Maximal dimensions of injection moulds**
-  **Clamping force range**
-  **Plastic injection moulding line**
-  **Pad printing**
-  **Quality Management System**

OFFER

- 📄 **Products / parts by plastic injection moulding**
- 📄 **Pad printing for plastic products/parts**
- 📄 **Plastic parts assembly**
- 📄 **Packing**
- 📄 **Product transportation**
- 📄 **Design of plastic injection moulds**
- 📄 **Reconditioning of plastic injection moulds**

INJECTION MOULDING MATERIALS

Ω Acrylonitrile-butadiene-styrene	ABS
Ω Polycarbonate	PC
Ω Polycarbonate with fiber-glass	PC with fiber-glass
Ω Polyamide	PA 6.0
Ω Polyamide	PA 6.6
Ω Polyamide with fiber-glass	PA with fiber-glass
Ω Polypropylene	PP
Ω Polyethylene	PE
Ω Polystyrene	PS
Ω Polyoxymethylene	POM
Ω Polymethyl methacrylate	PMMA
Ω Polyphenylene oxide	PPO
Ω Polyphenylene sulphide	PPS
Ω Polybutylene terephthalate	PBT
Ω Thermoplastic elastomers	TPE

MAXIMAL WEIGHT OF INJECTION MOULDED PART

∞ 5 Kg

MAXIMAL DIMENSIONS OF PLASTIC INJECTION MOULDS

∞ 1,400 X 1,150 mm

CLAMPING FORCE RANGE

∞ from 250 kN up to 10,000 kN

PLASTIC INJECTION MOULDING LINE

- Brand *ENGEL*
FERROMATIK MILACRON
 - Machine type *Horizontal and vertical*
 - Number of machines *22*
 - Manufacture year of injection machines *1998 - 2004*
 - Capabilities for double shot moulding
- Additional information on site : www.electromagnetica.ro*

PLASTIC INJECTION MOULDING LINE



PLASTIC INJECTION MOULDING MACHINES

Vertical ENGEL 80 / 25

- ∩ Part grams : 35 g
- ∩ Clamping force : 250 kN
- ∩ Distance between columns : 260x260mm

Vertical ENGEL 200 / 40

- ∩ Part grams : 88 g
- ∩ Clamping force : 400 kN
- ∩ Distance between columns : 300x290mm

Horizontal ENGEL 80 / 25

- ∩ Part grams : 35 g
- ∩ Clamping force : 250 kN
- ∩ Distance between columns : 260x260mm

Horizontal ENGEL 200 / 40

- ∩ Part grams : 88 g
- ∩ Clamping force : 400 kN
- ∩ Distance between columns : 305x305mm



PLASTIC INJECTION MOULDING MACHINES

Horizontal ENGEL 330 / 70

- ∩ Part grams : 110 g
- ∩ Clamping force : 750 kN
- ∩ Distance between columns : no colimns

Horizontal ENGEL 330 / 90

- ∩ Part grams : 100 g
- ∩ Clamping force : 900 kN
- ∩ Distance between columns : no colimns

Horizontal ENGEL 330 / 110

- ∩ Part grams : 145 g
- ∩ Clamping force : 1.100 kN
- ∩ Distance between columns : no colimns

Horizontal ENGEL 500 / 120

- ∩ Part grams : 250 g
- ∩ Clamping force : 1.200 kN
- ∩ Distance between columns : no colimns



PLASTIC INJECTION MOULDING MACHINES

Horizontal ENGEL 650 / 125

- ∩ Part grams : 220 g
- ∩ Clamping force : 1,200 kN
- ∩ Distance between columns :no colimns

Horizontal ENGEL 700 / 150

- ∩ Part grams : 450 g
- ∩ Clamping force : 1,450 kN
- ∩ Distance between columns :510x510mm



PLASTIC INJECTION MOULDING MACHINES

ENGEL ES 1350 / 275 HLSL

- ∩ Part grams : 620 g
- ∩ Clamping force : 2,750 kN
- ∩ Distance between columns :no colimns

ENGEL CL 2550 / 350

- ∩ Part grams : 1,550 g
- ∩ Clamping force : 3,500 kN
- ∩ Distance between columns :735x735mm

ENGEL CL 2550 / 500 SL

- ∩ Part grams : 1,550 g
- ∩ Clamping force : 5,000 kN
- ∩ Distance between columns :840x840mm

ENGEL CL DUO 7050 / 1000

- ∩ Part grams : 4,200 g
- ∩ Clamping force : 10,000 kN
- ∩ Distance between columns :1400x1150mm



PLASTIC INJECTION MOULDING MACHINES

FERROMATIC K 250 / K 275

- ∞ Part grams : 723 g
- ∞ Clamping force : 2,750 kN
- ∞ Distance between columns : 630x630mm



BATTENFELD VT 200

- ∞ Part grams : 600 g
- ∞ Clamping force : 2,000 kN
- ∞ Distance between columns : 600x600mm



PLASTIC INJECTION MOULDING MACHINES - DOUBLE SHOT

FERROMATIC Magma 550

- ⌚ Part grams : 3,000 g
- ⌚ Clamping force : 5,500 kN
- ⌚ Distance between columns : 870x870mm



PAD PRINTING MACHINE

- ⌚ Maximal dimension of printing area 150 x 75 mm
- ⌚ Capacity 250 prints/h
- ⌚ Single colour printing

TO 300 / P



QUALITY MANAGEMENT SYSTEM



ELECTROMAGNETICA has implemented the:

Quality Management System according to ISO 9001:2000 standard

Environmental Management System according to EN ISO 14001:2004 standard.

These Quality Systems are certified by AEROQ and apply in the field of « Design, development, production, marketing and service for: products intended for electricity distribution and measurement; electric power supply equipment; automotive relays and subassemblies; equipment and elements for automation; plastic injection moulds and cold formation tools; connecting equipment and elements meant for telecommunication network; telecommunication terminals and equipment; fine winding; metallic shelters and structures; electricity supply; mounting, commissioning, technical assistance and service for own products.»

Other organizations that certified the Quality Management System:

- OMCAS as per ISO 9001:2000.*
- DQS and IQNET as per ISO 9001:2000 for automotive supplies*
- DQS as per ISO / TS 16949:2002*