Technology Request

# An Albanian company seeks modern plastics fabrication equipment

## Summary

*An Albanian Company, located in Tirana, requests new fabrication equipment. The company is engaged in production and stamping of flexible plastic products. Type of collaboration: commercial agreement with technical assistance. The company is an Albanian-Turkish joint venture, is present in several international markets such as Germany Italy & Turkey. The management is young, energetic, and motivated. Potential partners must have experience in this industry.*

**Expiration Date** 21 July 2017
**Reference** TRAL20160711001

## Details

### Description

Company is located in Mezez in the commune of Kashar. The industrial site accounts 6500 m2 in which a building of 4000 m2 serves for the production and ware-housing operations. The company is engaged in production and stamping of flexible plastic products. The main product of company are plastic bag used for different packages, of different forms, and different dimensions. These plastic bags are to categories a)for packaging different food & b)for industrial products. In addition, there is also a production line which produces polyethylene granules for plastic tubes and different industrial purposes of usage.

The marketing focus of the company is the national and regional market but it also looks beyond to European and wider areas of export.

Company has accomplished various quality certification requirements such as ISO 9001: 2008 and is currently achieving the certificate from ISO 14 001

The management staff of the company have shown persistent commitment to enterprise growth and innovation

Main products

• Plastic shopping bags
• PE packing with or without printing
• Laminated packing made by PE,OPP,CP, ALU
• Shrinkable films (thermos-foil) for drinks and beverages
• Plastic labels for drinks and other bottles
• Garbage bags

The production line consist of following components:
o Line of extruder
o Line of pressing machines

o Line e stamping/printing machines
o Line e recycling
o Warehouse

Technology Request - New investment

The company investment plan incorporates new machinery in recycling industry. This new project requires state of art of new technology. Based on this plan, the company intends to increase the are of operation and build new facility to allocate the new line of recycling machinery.

The new investment will increase capacity of production but also improve the quality and product diversification. The new machinery which are in the investment plan are

• A new line of flexographic stamping in 8 basic colors,
• An auxiliary equipment for recycling machinery
• New machinery for multi-layers film production or co-extrude
• New machinery for division and cutting of film slitter
• New machines for stamp testing
• Mechanical and hydraulic presses for recycling.

Advantages

Company is a joint venture Albanian and Turkish entrepreneurs with representatives in several international markets such as Germany Italy and Turkey.
Staff employed in management and in operation are young, energetic, and well motivated.
New investment will increase product diversification and better client satisfaction.
The company strategy is based on productivity improvement and cost reduction, qualitative products

Export
Company has established sustainable relationships with export market in Italy and Greece for years

The technology
The technology components already in the operating are originated from different countries such as Italy, Taiwan & Turkey

The enterprise objective are a)maintaining sales growth & b)improve capital utilization that's why the company require cooperation with potential partners for technology offer, becoming innovative, and support new market segment.

**Technical Specification or Expertise Sought**

Company needs a cooperation with a potential partner already in work in this specific fields producing flexographic printing machinery with 8 color. Companies producing machines for Extruding polyethylene with some layers (Co-extruding matrix)
Companies producing Slitter for plastic sheet. Companies producing stamping machines for plastic sheet. Companies producing Hydraulic Press machinery for recycling materials

## Keywords

**Technology**

| | |
|---|---|
| 02005001 | Foil, fils |
| 02005002 | Laminate |
| 02005005 | Plastic bags |

**Market**

| | |
|---|---|
| 07004008 | Other consumer products |
| 08004004 | Other pollution and recycling related |
| 08006001 | Process control and logistics |
| 09004006 | Packing products and systems |
| 09004008 | Other manufacturing (not elsewhere classified) |

**NACE**

| | |
|---|---|
| C.22.2.1 | Manufacture of plastic plates, sheets, tubes and profiles |
| C.22.2.2 | Manufacture of plastic packing goods |
| C.22.2.9 | Manufacture of other plastic products |

## Open for EOI : Yes

## Client

**Type and Size of Organisation Behind the Profile**

Industry SME 50-249

**Year Established**

1980

**Turnover**

1 - 10M

**Client Country**

Albania

## Partner Sought

**Type and Role of Partner Sought**

Company request technology an nowadays one and brand new.

The partner should offer the flexographic machines with 8 color and the technical assistance for

it. Company is in the market since 15 years they have experienced staff but in new ones they need to get some more technical explanation.

The other machines is a slitter for this company need and offer accompanied with technical assistance.

The Partner should offer an extrude machine with co-extruding matrix.
Meantime the partner should offer an Hydraulic press for recycling materials.
There will be different partner each one specialize on the specific production of machines.

Type of the partnership will be build in the form of BOT based on Commercial agency agreement, financial agreement with technical assistance

**Type and Size of Partner Sought**

251-500

**Type of Partnership Considered**

Financial agreement
Commercial agreement with technical assistance
Technical cooperation agreement

Technology Request

# Injection molding technology for glass polymer container

## Summary

*A Korean SME active in the field of mold is looking for partners with expert knowledge in polymer to develop a glass polymer container. The company seeks a technical cooperation partner capable of providing the technology at this scale on an economic basis for design, installation and demonstration. License and/ or manufacture agreement is sought. The company is also open to technical and research cooperation.*

**Expiration Date** 25 July 2017
**Reference** TRKR20160722001

## Details

### Description

A Korean company which produces a household goods, cosmetic packaging, and mold is seeking technology to make a glass polymer.

The company is planning to produce a glass polymer container, which uses a plastic material. The demand of replacing glass container has been rising from cosmetic industry. However, the company faces obstacles in meeting required quality and shape of product that customer demand. Therefore the company's goal is to make a product that has equivalent quality and shape of current glass container.

The technology for this particular product should be able to form a polka dot at the bottom of inner container and makes a lifted soft line on left and right side. Also, technology would sustain the clarity and thickness of container.

The company is interested in licensing agreement, manufacturing agreement, research cooperation agreement and technical cooperation agreement. The partner will possess the technology and will gain right to commercialize the product. Also the partner of technical cooperation agreement should provide the necessary technologies that would help reaching the goal.

### Technical Specification or Expertise Sought

The technology has to meet the following criteria:
- Substitute of glass bottle
- Not heavy and Fragile
- Less cost and wastage
- Overcomes coloring limitation of using glass

## Keywords

**Technology**

| | |
|---|---|
| 02002013 | Moulding, injection moulding, sintering |
| 02005004 | Packaging for materials |

**Market**

| | |
|---|---|
| 07004008 | Other consumer products |

**NACE**

| | |
|---|---|
| C.22.2.9 | Manufacture of other plastic products |
| C.23.1.4 | Manufacture of glass fibres |

## Open for EOI : Yes

## Client

**Type and Size of Organisation Behind the Profile**

Industry SME 50-249

**Year Established**

0

**Languages Spoken**

English

**Client Country**

South Korea

## Partner Sought

**Type and Role of Partner Sought**

Type of partner sought
- SME, Universities, Research institution, and larger company

Specific area of activity of partner
- Heavy extrusion blow, injection blow, glasspolymer

Tasks to be performed by the partner sought
- Help on developing and manufacturing new products

- Technical cooperation agreement partner, help on developing the technology
- License agreement partner, can commercializing the product and hold right to distribute

**Type of Partnership Considered**

License agreement
Manufacturing agreement
Technical cooperation agreement
Research cooperation agreement

Technology Request

# Scratch free plating machine sought

## Summary

*A Korean SME specialized in the field of plating is looking for partners with knowledge and experience in the manufacturing of plating. The company requires specifications in order to develop a scratch free plating machine. The company seeks a technical cooperation partner or license agreement partner who are capable of providing the technology at this scale on an economic basis for design, installation and demonstration.*

**Expiration Date** 27 July 2017
**Reference** TRKR20160708002

## Details

### Description

Background
A Korean company which manufactures plating is seeking technology to make a scratch-free plating machine. The company is planning to have a scratch-free plating machine to enhance the quality of the plating.

Problem
The SME is currently using a rotary plating method for plating. However, it causes damage and produces a scratch in plating process. Moreover, In case of large volume plating, the plating performed in a fixed state without moving into plating tank which creates a difference in thickness and condition of plating because of uneven distribution of ion.

Solution
A scratch free plating machine is needed in order to improve the quality of plating and to move a large volume of plating into plating tank. The machine would increases the adhesion of ion in the process of plating and makes the adhesion of ion distributed evenly throughout the whole area of plating.

A technical cooperation partner or license agreement partner with plating expertise with advance technology is sought.

### Technical Specification or Expertise Sought

- Able to enhance the effectiveness of plating though making an active adhesive of ion in the electrolysis process of ion.
- Able to enhance the quality of the plating by making an even distribution of thickness on whole surface of plating area.

## Keywords

**Technology**

| | |
|---|---|
| 02002006 | Hardening, heat treatment |
| 02002015 | Surface treatment (painting, galvano, polishing, CVD, ..) |
| 02007009 | Materials Handling Technology (solids, fluids, gases) |

**Market**

| | |
|---|---|
| 08001007 | Coatings and adhesives manufactures |
| 08003007 | Other industrial equipment and machinery |

**NACE**

| | |
|---|---|
| C.25.6.1 | Treatment and coating of metals |

## Open for EOI : Yes

## Client

**Type and Size of Organisation Behind the Profile**

Industry SME 11-49

**Year Established**

0

**Client Country**

South Korea

## Partner Sought

**Type and Role of Partner Sought**

Type of partner sought
- SME, Universities, Research institution, and larger company

Specific area of activity of partner
- Plating, Coating

Tasks to be performed by the partner sought
- Help on developing an scratch free plating machine
- License agreement or technical cooperation agreement will be signed if the partner is appropriate after discussion

**Type and Size of Partner Sought**

SME 11-50,University,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

**Type of Partnership Considered**

License agreement
Technical cooperation agreement

# Set of equipment for producing filter partitions sought

## Summary

*A Polish SME from the Warmia and Mazury region specialising in filter production is looking for a set of equipment for producing filter partitions. The company is looking for commercial agreement with technical assistance in order to improve the production process.*

**Expiration Date** 27 July 2017
**Reference** TRPL20160721001

## Details

### Description

A Polish SME from Warmia and Mazury region, manufacturer and supplier of filters, is looking for a set of equipment for producing filter partitions.

At this moment, many steps in the production stage are carried out manually. As the company grows and gains more and more customers, it needs to reduce production time by automation. That is why the company is looking for a device for manufacturing pleated filter partitions of cellulosic and synthetic fibres - just like on the pictures below. The device should meet CE safety standards, consistent with the European Union directives.

The company is interested in acquiring or developing together a device that is available for demonstration, not necessarily already on the market. They are looking for commercial agreement with technical assistance in order to improve the production process.

The company was established in 1991 as a company involved in the regeneration of components and spare parts. A year later, the company expanded its activity with production of filter cartridges, primarily for the automotive industry. Initially, the offer was limited to production and regeneration of filters mainly to several truck brands. In the short term, the company’s products have won recognition of many customers, which in turn contributed to the ongoing development of the company and its continuously increase of its market share. Currently, the company's offer is about 1,000 products, of which the largest group are air, oil and fuel filters for trucks and vans. Its assortment also includes filters for agriculture, hydraulic, industrial and automotive gas systems.

### Technical Specification or Expertise Sought

Requirements for the device:
• altitude range of pleats: not less than 15-65 mm,
• working width: 700 mm,
• pleating efficiency: not less than 600 pleats/min,
• possibility of obtaining ribbing on pleats type Pleat Lock and Embossing,
• unwinder of filter-paper rolls: OD=800 mm, ID=76 mm (3"), roll weight of 250 kg,
• unwinder with a system for easy loading,
• amounts of pleats marking system,
• pre-cut system (trimming & precutting),

• adaptation to application of hot-melt streams,
• system of heating tops of pleats,
• operated by one person, as an autonomous position,
• functionally complete (unwinding, forwarding, cutting, glueing or welding, adjustable spacing (pitch), etc),
• operating parameters should be adjusted from operator panel (e.g.. Touchpad),
• manual, diagrams etc.

## Keywords

**Technology**

| | |
|---|---|
| 02002005 | Forming (rolling, forging, pressing, drawing) |
| 02002009 | Machine Tools |

**Market**

| | |
|---|---|
| 08002007 | Other industrial automation |
| 08003005 | Other industrial machinery for textile, paper & other industries |

**NACE**

| | |
|---|---|
| C.29.3.2 | Manufacture of other parts and accessories for motor vehicles |

## Open for EOI : Yes

## Client

**Type and Size of Organisation Behind the Profile**

Industry SME 50-249

**Year Established**

1991

**Client Country**

Poland

## Partner Sought

**Type and Role of Partner Sought**

- Type: industry
- Activity: manufacturer of folding/pleating devices
- Role: equipping the company with the machine along with technical assistance

The company would like to conclude a commercial agreement with technical assistance with a foreign partner.

**Type of Partnership Considered**

Commercial agreement with technical assistance