



## INDOSA INFORMATION

Company

### INDOSA - A GOOD NAME

INDOSA is known world-wide for its reliable machines and production lines, appreciated for the typical neat „INDOSA design“ and proved by the high quality workmanship.  
In over 70 countries around the world.

### INDOSA - TRADITION

Since the foundation by Hermann Grabher senior in 1936, the company has been owned exclusively by family members. Nowadays the management lies in the experienced hands of the main shareholder and Chairman Werner Grabher. INDOSA has been manufacturing can seaming machines from its very beginning in the mid thirties. The present production programme is the logical result of consequent development.

### INDOSA - ORGANIZATION

A well organized company structure guarantees perfect quality, constant development through research resulting from experience. Even for machines delivered decades ago, service and spare parts are problem-free guaranteed all over the world.

### INDOSA - INNOVATION

The individual needs of the international clientele and the continuously changing requirements with regard to packagings made us strong. Strong both in searching as well as in finding solutions.

**Big projects need perfection - in every small detail**

**Grabher INDOSA AG - The World's No. 1 in Can Machinery**

*since 1936*

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## **INDOSA - A RELIABLE PARTNER**

### **Responsible advice, engineering and development**

INDOSA'S staff of experienced engineers are not only active in the design department, but also interact with the customer at each step of a project.

A crew of specialists, independent from the design division, works in the research and development of environmentally friendly packaging systems.

### **Decade long, world-wide experience in the planning and execution of machines and lines**

Due to our long experience in this industry and the execution of production lines for renowned customers all around the world, we achieved accuracy.

INDOSA does know what matters. This means a saving for the customer resulting in a good cost-performance ratio despite of superior quality.

### **Traditional reliability and high-accuracy in constructing machines, combined with modern design and latest technology**

INDOSA builds machines with the precision of a Swiss watch. We are also proud of our „nice-looking machines“ with the many good ideas, practical handling and maintenance-free execution.

### **Most modern own manufacture**

Ensuring that the parts and modules also fit together perfectly, almost all parts for the machines are manufactured with most modern computer-controlled equipment in the own factory. The lines are then assembled and tried out in the clean and luminous assembly hall as per the order's requirements. To INDOSA also belongs an own tool manufacturing division, locksmith shop and electro department.

### **High-accuracy and flexibility due to modular construction system with a great, extensive standard programme**

The many modules are manufactured of the single components made with serial high-accuracy which then serve als combinable modules for the great programme.

### **Compatible machines and modules for the composition of uniform total production lines**

The single modules, machines and systems are constructed in a way that they fit together in various different configurations. Thus uniform total lines can despite of great individuality be constructed for the customer out of one block.

### **Semi-automatic machines for starters and small output ranges**

Partly the same modules as for big automatic lines are - less enlarged - also used for semi-automatic machines. In case of need, these machines can then also be extended and automated step by step.

## **INDOSA - AN ALLROUND PROGRAMME**

### **CAN SEAMING MACHINES**

Semi- and fully automatic can seaming machines for round preserve cans, aluminium cans, tin cans, composite cans

### **VACUUM CAN SEAMING MACHINES AND LINES**

For evacuating, gasifying and seaming of cans

### **FILLING MACHINES**

- for lumpy products, granulates, powders and hardly flowing products
- volumetric dosing machines (cup fillers)
- filling balances, vibrator channels
- auger dosing machines with integrated net weigher and check weigher
- filling and compression device for tobacco in cans

### **PRODUCT FEEDING DEVICES**

Feeding conveyors, bucket conveyors, hose systems, silos

### **SEAMING MACHINES**

- for glueing-in or sealing-in of cardboard bottoms into composite cans
- for closing of glass jars with screw caps
- for fixing of snap-on lids on cans
- for inserting of round and non-round plastic closures for aluminium, plastic and paperboard cartridges

### **SORTING AND FEEDING SYSTEMS FOR INSERT AND SNAP-ON LIDS, CAPS, SHAKERS, CANS AS WELL AS FOR OTHER PARTS**

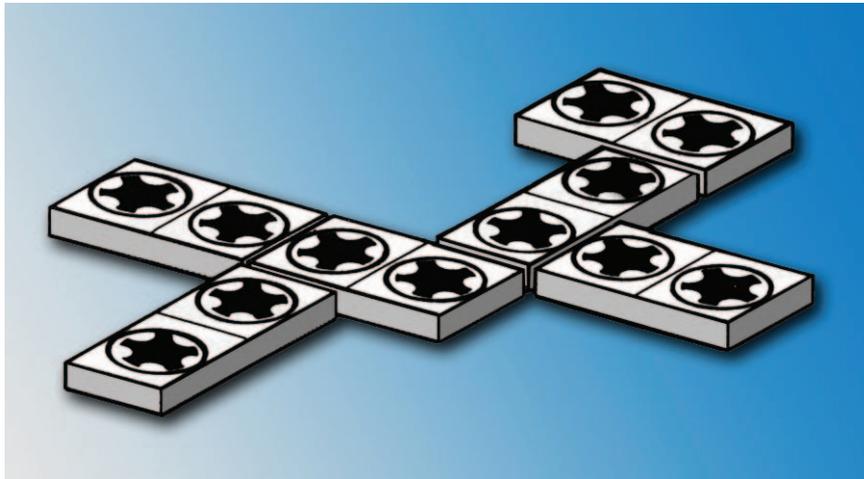
Slope conveyors, feeding canals, sorting devices, destackers, air cushion transportation, transference stations, conveying systems

### **FEEDING AND ACCUMULATION SYSTEMS FOR CANS**

Conveyors, accumulation tables, turning stations, rotation devices, lane distributors, palletizing and depalletizing of cans, glasses, etc.

### **MACHINES AND PRODUCTION LINES FOR CAN MANUFACTURERS**

- machines for the manufacture of aluminium tear-off membranes on cans
- machines for paper membranes, cardboard bottoms and cardboard insert lids
- machines for fixing of various closures by seaming, sealing, using a cold glue or hot melt adhesive, inserting, etc.
- in-line connection from spiral winding and/or labelling machines

**THE INDOSA MODULAR CONSTRUCTION SYSTEM**

Each INDOSA production line is in tune with and designed according to the specific requirements and wishes of the customer. This for the applier almost invaluable advantage can economically only be realized by the for decades consequently applied and always further developed INDOSA modular construction system.

The modular construction system runs extensively throughout the complete varied production programme.

All INDOSA systems are compatible. As an example, all filling systems can be integrated into a seaming machine and vice versa.

INDOSA'S production programme includes over 20 different types of automatic revolving machines and more than 60 work stations.

The automatic revolving machines are equipped with the work stations required for the process in issue.

As to the transportation systems, e.g. conveyors, air cushion canals or chutes are exchangeable by the same dimensions according to the requirements. Also accumulation tables, sorting systems, parts and product feeding devices can - in many variants - be modularly integrated into all INDOSA lines.

Old INDOSA lines can be complemented by new modules with new technologies.