

# Expertise brings strength:

- | Own design department
- | Expertise in material selection
- | Precision manufacturing
- | Components, spares, small series
- | Complete assemblies



ip

# 1

## Expertise brings strength

ROLF SCHMIDT INDUSTRIPLAST A/S has ranked as an innovative supplier of technical semi-finished articles and finished parts made from structural thermoplastics for 25 years. Our sister company CENTROPLAST manufactures semi-finished plastic articles from high-grade raw materials – we process them into tailor-made products.

Our reputation as an expert for special mechanical engineering components extends well beyond Denmark. Hand in hand with the customer, we develop and implement customer-specific concepts that go way beyond the customary standard, involving everything from the selection of the materials to the configuration, precision production and assembly in situ.



The company's head office, warehouse, design centre and production shop



- Expert, user-specific advice
- Design support from own CAD workplaces
- One-stop sourcing and machining of semi-finished goods
- Back-up from the technology network of the CENTROTEC Group
- Short delivery times coupled with high quality standards

Own design department with the 3D CAD system "Inventor"

## Own design department

We use ultramodern technology in our design work.

We transfer your data (DXF, SAT, IGES, STEP, DWG, Mechanical Desktop) to our 3D CAD system design program "Inventor", thus making the design drawing much easier to read.

Spare parts can likewise be dimensioned and reproduced with precision either at the customer or at our plant.

Parts List			
1	1	M10 x 120	Schraube
2	2	M10 x 22 li	Gewindbohrung
3	4	M5 x 10 (DIN 913)	Spindelstift
4	2	M10 x 120	Schraube

Part No.	Part Name	Material	Quantity	Unit	Notes
450	Can Twister	Alu	1	PC	
451	...	...	...	...	...
452	...	...	...	...	...
453	...	...	...	...	...
454	...	...	...	...	...
455	...	...	...	...	...
456	...	...	...	...	...
457	...	...	...	...	...
458	...	...	...	...	...
459	...	...	...	...	...
460	...	...	...	...	...

A glimpse inside a can twister



# 2

## Expertise in material selection

We have 25 years of experience with key components for mechanical engineering and for food processing technology. ROLF SCHMIDT INDUSTRIPLAST A/S can establish whatever properties you require, whether hardness, flexibility, extensibility, rigidity, impact strength, chemical resistance or favourable slip or abrasion characteristics.

From semi-finished articles sourced both from within the group and from third parties, we are able to supply solid rods, hollow rods and sheets made of



Expertise in material selection

- PA
- POM
- PET
- PE 300, PE 500, PE 1000
- PP
- PUR
- PC
- PS
- PPO
- PTFE
- PVDF
- PPS
- PEEK

as well as a wide range of modified types:

- Filled
- Electrically conductive
- Glass-fibre and carbon-fibre reinforced.

Thanks to our call-off warehouse with an effective floor area of over 1000 m<sup>2</sup>, we are able to keep delivery times short.

The call-off warehouse with over 1000 m<sup>2</sup>



- Large semi-finished products warehouse
- High-tech CNC machine park
- Maximum flexibility with 2-shift production
- Ultra-precise QS workpiece processing
- Absolute punctuality
- Experienced, quality-conscious employees

Rapid, flexible and with high quality standards – these are the qualities that our customers have come to appreciate us for! Our production and logistics operations are entirely geared up to meeting your requirements. Particularly when complex plastic components or assemblies are what you need.



Sawing



Milling



Made-to-measure profiles

# 3

## Precision manufacturing, component / spares production / small series, complete assemblies



Component / spares production / small series

In addition to selecting the right material, expert preparation and then machining are vital aspects. Our high-tech machinery, comprising

- Horizontal and vertical saws,
- Milling cutters and lathes, and
- 5-axial CNC processing machinery

assures precision production operations thanks to the use of EDGE CAM™.

Our reliable services and the quality and precision of our products have earned us the status of a much sought-after technology partner. From the receipt of goods to their dispatch, every production step is flanked by quality assurance measures. Concluding checks serve to confirm the quality of our products.



CNC lathe



5-axial CNC production

## Production of complete assemblies and systems

We supply problem-solving products to leading companies from the filling industry, and the mechanical engineering and pharmaceutical sectors. A key factor of our success is a project-based development partnership focusing on the supply of complete assemblies and systems, such as:

### ■ Screw metering systems for conveyor

We supply screws in a wide variety of sizes, lengths, dimensions, gradients and geometries, depending on the target application.

### ■ Can twisters for the food packaging industry

We design and build all sizes of twisters for containers made from aluminium, steel or glass.

### ■ Format sets, sorting devices, transport and separating systems for bottling and packaging plants

Changing the bottle format or bottle geometry at short notice is by no means a rare occurrence these days. Our strength is our ability to supply complete new format sets for bottling plants with short delivery time.

## Spares production for wearing mechanical parts

A typical project sequence comprises:

- Measuring the individual components
- Preparing the necessary design drawings
- Designing and adapting the plastic parts to both the new medium and the existing machine
- Producing replacement structural elements
- Assembly and trial operation of the plant by own specialist personnel



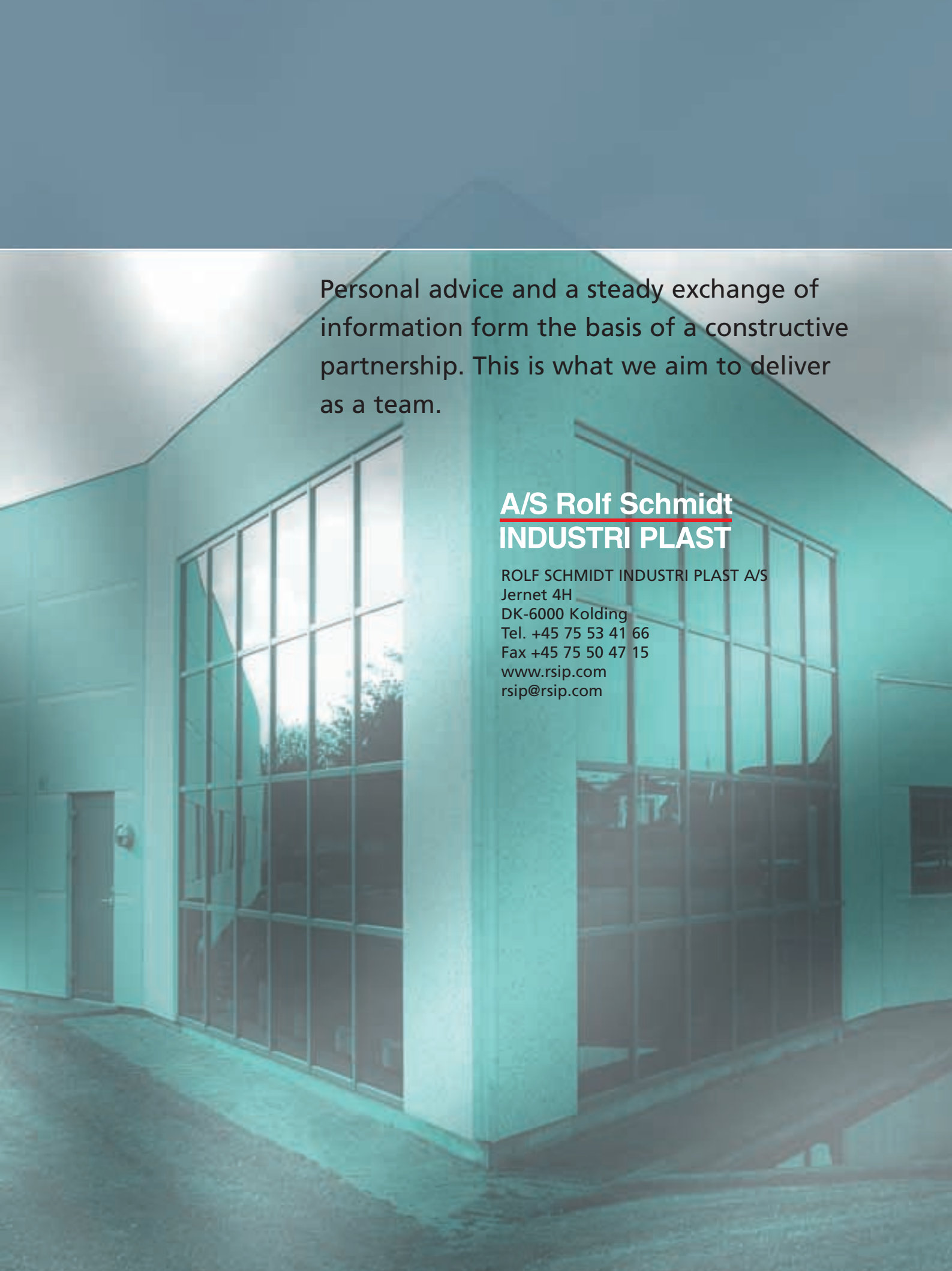
Precision production:  
pump wheel



Star-pattern conveyor for  
separating bottles



Made-to-measure  
screw conveyors



Personal advice and a steady exchange of information form the basis of a constructive partnership. This is what we aim to deliver as a team.

**A/S Rolf Schmidt**  
**INDUSTRI PLAST**

ROLF SCHMIDT INDUSTRI PLAST A/S  
Jernet 4H  
DK-6000 Kolding  
Tel. +45 75 53 41 66  
Fax +45 75 50 47 15  
[www.rsip.com](http://www.rsip.com)  
[rsip@rsip.com](mailto:rsip@rsip.com)