

OKULEN[®]

Finished components
for machines

Plastics professionals at your side.

When it comes to making complex components and products from plastic, OKULEN is your perfect partner. Thanks to our extraordinary knowledge of plastics processing and machine construction, our machines can even manufacture components with complex designs and outsized dimensions. For instance, we can machine pieces of up to 5900 mm, in length 2900 mm wide and 390 mm in height. Our lathes can handle diameters of up to 1000 mm.

OKULEN engineers are highly experienced in research, development and manufacturing practice. This

means that we can offer our customers excellent service for the aforementioned applications, even at the development stage. We can help you to find unusual solutions that are both technically impressive and economical.

One other advantage distinguishes OKULEN and that is speed. We are small enough to be highly flexible in our reaction to the needs of our customers but large enough to handle even large orders reliably and to tight deadlines.

One of our specialities is the manufacture of very large finished components – This wheel designed for ventilation installations is 1500 mm in diameter and 400 mm thick.



Quality assurance comes into play as early as the laboratory stage. Testing and development of materials guarantee optimum manufacturing results.



OKULEN invests a great deal in research and development – That expertise really pays off for our customers.

OKULEN: Working where it matters.

OKULEN plastics have premium properties: depending on the type of material, they are tough, hard-wearing and excellent for insulation. They have excellent low-friction qualities and can cope with low temperatures or most chemicals. They are also resistant to abrasion.

With inspiration and knowledge of engineering, these umpteen materials can be employed to create innovative solutions that have proved effective in a host of industries: machine construction, materials handling, the chemical industry, harbour construction, electrical engineering, electroplating. It is amazing how versatile OKULEN products can be.

Look at all these applications that need OKULEN products...

... Bakeries



... Kitchens



... Printing and binding machines



... Harbour construction



... Chain guides



... fish finger production





... Sport



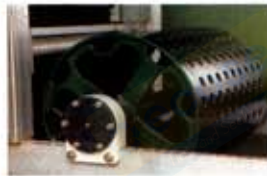
... on- and offroad trucks



... Telescopic cranes



... Paper machinery



... Electroplating



... Maritime applications



... conveyor systems



... Mining



... Filling plants



... Paper manufacture



... Making hamburger portions

Our speciality: Moulded plastic with steel cores.

For many applications, especially in the car industry, pump manufacture and petrochemicals, finished components combining high-quality OKULEN plastic along with metal elements are well established.

Functional components such as impellers or pump casing can be improved enormously by such technical innovations. Construction materials such as OKULEN 1000, PVDF and PTFE provide an

outstanding range of properties to ensure low-maintenance operation and a long life-span.

Simply come to us if you seek to benefit from these properties – ideally while your plant is still under development. We shall certainly be able to offer a few useful ideas.

Moulded plastic or machined pieces with embedded steel core combining the finest features of both materials.



In the OKULEN manufacturing machine park, steel cores are pressed into high-performance OKULEN 1000 to form an almost inseparable unit.

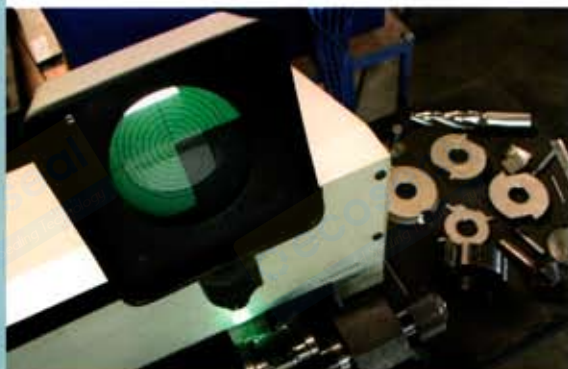


Let OKULEN give you ideas.

Find out more about OKULEN:
We will be happy to send you more brochures.

With all due respect to our materials, it is still inventive people and powerful machinery that form our essential capital. It is these that we put to work to achieve your success. Only high-class performance gets the right results.

For this reason we develop and manufacture all the tools you need for your application in our own factories to guarantee utmost precision in design and execution. Using modern CAD technology and powerful CNC plant, we can turn practically any design into reality.



The high-precision tools that emerge from our own production plant are perfectly adapted to the machines and requirements.

Our 5-axis processing centres for the machining of forms can produce even the most highly complex, multi-dimensional structures.

Let us give you new ideas. Ask for more information about our products or, even better, talk to us personally about what you have in mind. Together we can bring it to life.

OKULEN's 5-axis CNC automated machining tools are high-performance all-rounders for multi-dimension forming of machined components.



We specialise in precision work, with a clear overview and in-depth knowledge the OKULEN team ensures the perfection of each individual component.