

## REITEC develops software for resource management for August Berghaus

### THE INITIAL SITUATION

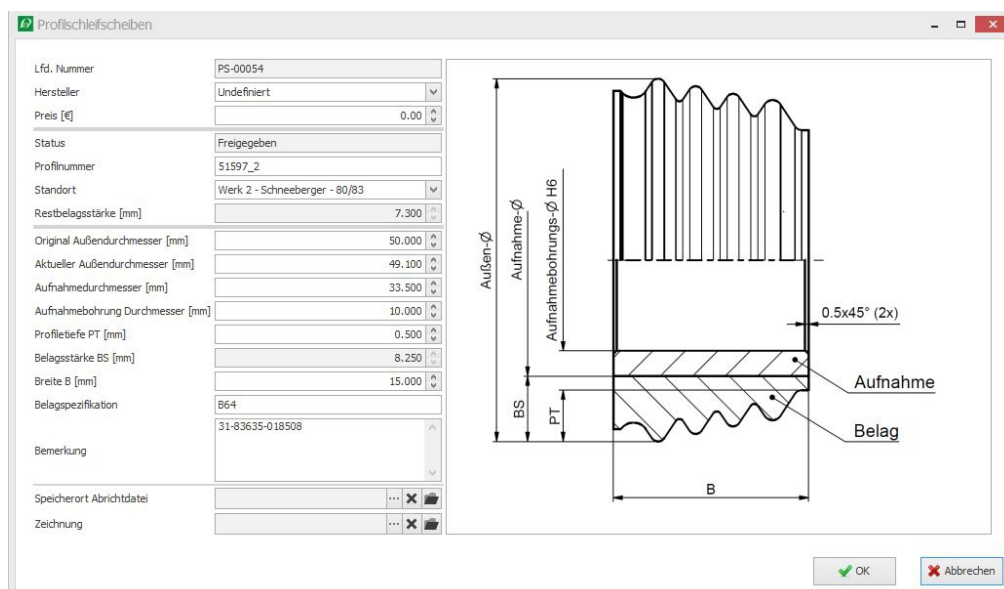
After looking in vain for an affordable and slim software to manage the operating resources, the company August Berghaus entrusted its long-term software partner REITEC with the development of a customer-specific application. Developing the software in several iteration steps, we managed to implement it only eight weeks after receiving the order.

### THE IDEA

August Berghaus, a leading manufacturer of broaching tools in Germany needs numerous operating resources in its production, such as dressing rolls, dressing plates and diverse grinding disks. These resources are often ordered for a specific customer order. An overview of the existing and required resources is therefore indispensable. Especially the monitoring of the resource's current state of wear is important to ensure replacement in due time. The easy and simple handling of the database and the recording of the rate of wear in the production is of equal importance. Moreover, the existing information should be available to other processes, such as the ordering of resources.

### THE SOLUTION

Based on the latest Microsoft .NET technology, REITEC developed a comprehensive solution in several iteration steps and in close cooperation with the responsible employees at August Berghaus that provides for the management of the company's operating resources. The tools are registered with all their geometric properties such as the diameter, the profile thickness and other information such as the profile number, the price, the manufacturer or even the CAD data. The user can search operating resources per scanner or, alternatively, via any of the available features, such as the outside diameter. When an operating resource is returned, the current wear rate is determined with the help of the integrated formula interpreter and indicated as a status value. Specific formulae are implemented for the different operating resources. After setting up an operating resource, a purchase requisition can be sent per mail directly to the purchasing department. The CAD files required for ordering are automatically attached to the mail. For the users in the production and in the technical departments, different functions are available. The user-interfaces are individually matched to the different access rights.



Betriebsmittel									
Bitte Suchtext hier eingeben...									
Werkzeugnummer	Hersteller	Deliefert am	Status	Aktueller A...	Aufnahme...	Breite [mm]	Radius [mm]	Winkel A [°]	Winkel B [°]
NCC 1230/2	Dr. Kaiser	23.08.2017	Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 906/2	Dr. Kaiser	07.07.2016	Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 907/1	Dr. Kaiser		Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 961/1	Dr. Kaiser	15.12.2014	Freigegeben	125.000	40.000	13.000	0.80	70.00	10.00
NCC 1065/1	Dr. Kaiser		Freigegeben	125.000	40.000	13.000	0.25	70.00	10.00
NCC 1065/2	Dr. Kaiser	11.08.2015	Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 1230/1	Dr. Kaiser	20.12.2016	Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 1294/1	Dr. Kaiser	04.09.2017	Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 602	Dr. Kaiser		Freigegeben	125.000	40.000	13.000	0.20	70.00	10.00
NCC 770	Dr. Kaiser	10.10.2014							
NCC 906/1	Dr. Kaiser	23.07.2014							
NCC 907/2	Dr. Kaiser	21.11.2014							
NCC 959/1	Dr. Kaiser	18.12.2014							
NCC 959/2	Dr. Kaiser	09.12.2015							
NCC 960/1	Dr. Kaiser	22.12.2014							
NCC 961/2	Dr. Kaiser	07.07.2016							
NCC 960/2	Dr. Kaiser	08.06.2016							
NCC 962/1	Dr. Kaiser	01.12.2014							
NCC 962/2	Dr. Kaiser	08.06.2016							

## THE FUNCTIONS

- Management of most various operating equipment types
- Automatic calculation of the rate of wear
- Status monitoring including full history
- Optional assignment of CAD files
- Individual user interfaces for the production personnel and the technical staff
- Formula designer to customize the user interface
- Printing function for lists and bar codes
- Integrated report designer
- E-mail dispatch of requisitions
- Comprehensive search and filter functions
- Registration of operating resources per scanner

## THE BENEFITS

"We have found in REITEC a reliable and competent software partner that has proven its expertise in numerous projects" says Lars Elbracht (construction department)

## ABOUT August Berghaus

Founded in 1894 as a saw blade factory, August Berghaus GmbH has been manufacturing broaching tools since 1928. The service range encompasses consulting, construction and manufacturing of broaching tools for all broach-able internal and external profiles, a repair service as well as contract hardening and contract broaching.

## ABOUT REITEC

REITEC GmbH is a special provider of .NET Programming in the CAD environment and of database solutions. It has been active in the market since 1996.

Our services in the CAD environment include CAD automation and CAD enhancements for AutoCAD, SolidWorks, Inventor and SolidEdge. The Reitec.Testplan review software and the Confit product configurator complete our service portfolio. REITEC GmbH is distinguished by its confident collaboration with customers and its solution-oriented approach.

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