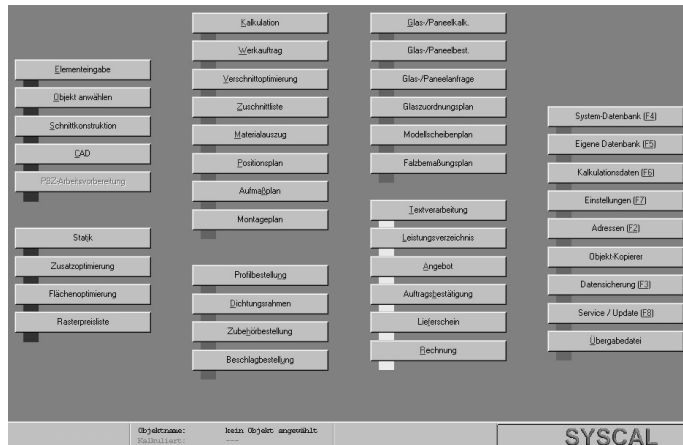


## Computer-Service: SYSCAL®

Being quicker, more precise and more competent than others – these crucial advantages in competition are within easy reach for you. With **SYSCAL®** you have an additional success factor for your company – logically calculated design. This ensures customer value added and smooth, state-of-the-art operating processes.



The way it works: structure, the functionality and menu assistance of the dialogue-oriented program **SYSCAL®** are precisely adjusted to the requirements of window, door and facade construction. At an enormous speed and with a high level of perfection, the program provides clearly structured and understandable calculations, accompanies manufacturing orders, including production plans, makes order suggestions and supports complex offers. It goes without saying that there are interfaces for all standard data formats used in production and processing.

But there is even more: **SYSCAL®** can think for itself. For example, data collection is controlled by a constant logic check to avoid input mistakes in the first place. And all the calculation functions are designed for saving time, material and money.

### Constantly up to date

Competent staff maintain the master data so that your information with regard to price level and article status is always up to date.

### Extensive update service

New standard updates are sent to you on a CD, intermediate updates are also available via internet or e-mail.

### Competent hotline

Our hotline is available five days a week without long waits or complicated operator systems. For us, direct and personal contact is paramount.

### Calculation

Detailed materials calculations take every accessory into account, down to the smallest screw and the actual waste – in combination with other calculation factors, pricing is reliable, secure and substantiated.

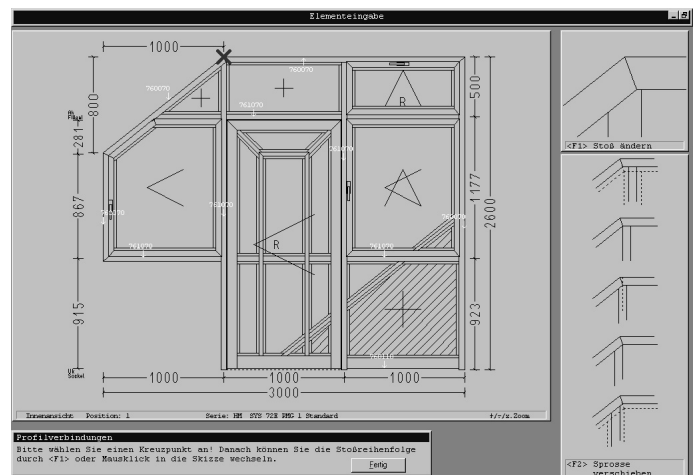
### Word processing

You can generate offers, etc., on the basis of the calculation and process them in the comfortable integrated word processor. The offer positions are given a position description and a scaled position view. Thanks to an interface, texts can be processed in other text processing programs as well.

### Object registration

Windows, doors and facades – easy handling, registration even of complicated designs, verification of logistics, dialogues. Even today, many tasks are recognized automatically and if available, practical solutions are suggested. This includes, for example, deviations in cutting statically reinforced transoms, suggestions on mullion partitions for facades, correct insertion of door positions into facades, use of (slanted) door transoms with automatic joint adjustment, adjusting the position of transoms in slanted positions, etc.

Dialogues enable exact registration while input is stunningly simple. High-performance section generation helps to control the positions you have entered.



### Ordering

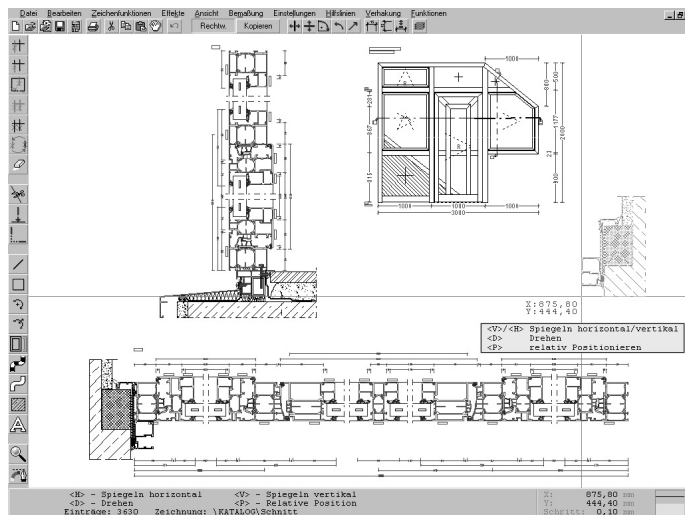
Order lists for profiles, accessories, fittings, gasket frames and glass panes are issued on the basis of the exact determination of material and profile optimisation and take into account packing units and variations (e.g. bulk material).

### Production scheduling

The clearly structured manufacturing order shows how the individual positions are structured. All the profiles, glass panes and accessories are assigned exactly to the relevant installation position. Unparalleled minimization of off-cut ensures the optimum use of material. The results can be transmitted directly to the saw, and this prevents cutting errors. In combination with additional extracts, such as the measurements, assembly and position plans, the printouts support safe and rational work processes.

### CAD

As a special development for metal window manufacturers, the easy-to-learn and easy-to-operate CAD offers extensive features. Wall connections, foils, tubes, angles and sheets

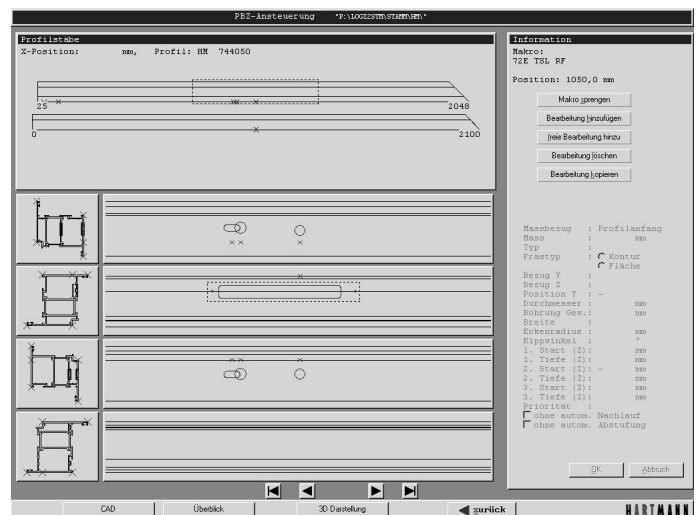


### Machine setting

Many makes of saws and CNC machines (processing centres) can be controlled via **SYSCAL**®. In addition to system processing, it is easy to plan your own processing, e.g. for special fittings, and check them on on-screen graphics. Your result is secured by standard automatic collision checks while if required, barcodes help to make sure that the correct profile is chosen.

Processing centres: Emmegi, Elumatec, Schüco, Handtmann, Fischer and PBZ can be controlled via a chameleon NCX driver (e.g. NIKOM and many others).

Saws: Almost all electronically controlled saws are suitable. Stress positions must be recorded individually for saws and processing centres, the saw's reference dimension can be selected.



### Universal application

Thanks to the extensive XML interface, **SYSCAL**® can be used for PPS/offer systems and other commercial systems. Some of these partner programs already include appropriate interfaces. Compatibility with **AutoCAD**® and other leading CAD systems is guaranteed by the DXF and DWG interface. Texts can be transferred into other word processing programs via RFT.

### Additional arguments:

- All extracts are exact to scale
- Internal and external view possible for all extracts
- Optional input in internal or external view – changes possible even during input
- Practical structure of printouts, practical adjustments possible at all times.

