STRIEBIG OptiDivide
CUT OPTIMISATION

THE RETROFITTABLE VERSION

STRIEBIG OptiDivide

is a cut optimisation system which is independent of the machine control system.

The hardware and software are combined in one compact unit. A 12" touchscreen computer (in which the cut optimisation software has been loaded) and the label printer are integrated into a compact aluminium casing.
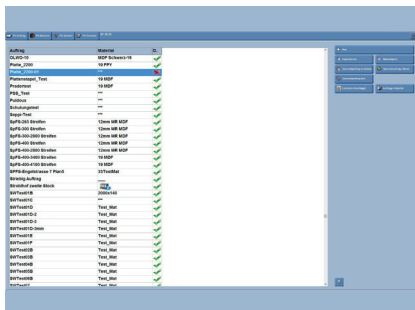
This unit can be easily attached to your STRIEBIG.

YOUR BENEFITS

You transfer parts lists from conventional ERP or CAD systems and optimise them easily and without problems for the cut on your STRIEBIG.
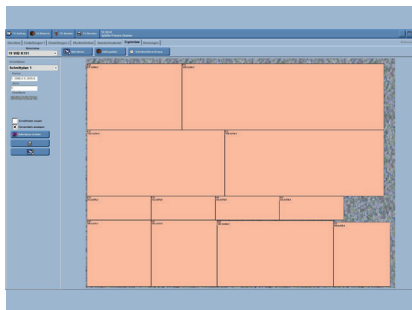
Intelligent visualisation on the touchscreen, directly on the saw, guides the operator through the individual steps.

The operator acknowledges the completed steps on the touchscreen. The label printer prints the label for identifying the cut element directly at the cut.
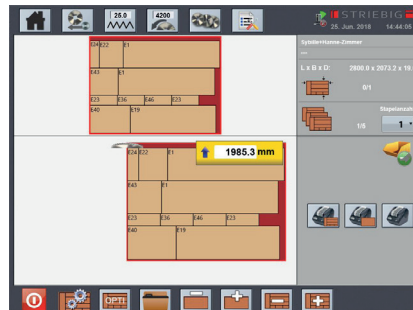
You thus work through even complex cuts optimally, step by step.

OptiDivide job list - office

OptiDivide cutting plan - office

OptiDivide processing of cutting plan

CAN BE USED WITH/ RETROFITTED FOR

- **STRIEBIG COMPACT**
  (from year of manufacture 2004)

- **STRIEBIG STANDARD**
  (from year of manufacture 2005)

- **STRIEBIG STANDARD S**

- **STRIEBIG EVOLUTION / CONTROL**
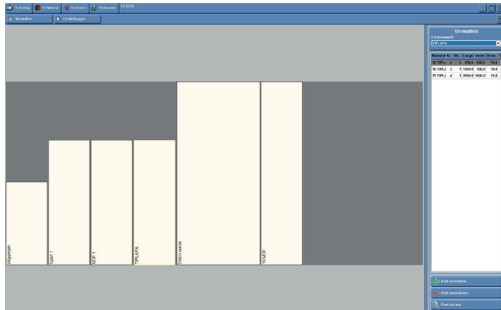 (from year of manufacture 2001)

SCOPE OF DELIVERY

1 compact aluminium casing with integrated 12" touchscreen panel with 1 stylus. Overall dimensions: (WxHxD = 320x372x322 mm))

1 label printer (integrated and protected in a pull-out drawer in the casing)

1 WLAN network connection

1 STRIEBIG cut optimisation software package incl. 1 network licence for office workplace

1 power cable

1 attachment adapter for the appropriate STRIEBIG model

1 operating manual (incl. installation instruction)

NOT INCLUDED IN THE SCOPE OF DELIVERY

- Installation of the unit on your STRIEBIG model

- Support for the installation of the STRIEBIG cut optimisation software at the office workplace

- STRIEBIG cut optimisation software training

- Customer-specific set-up of data import interface and label layout

- Software options (retrofittable)
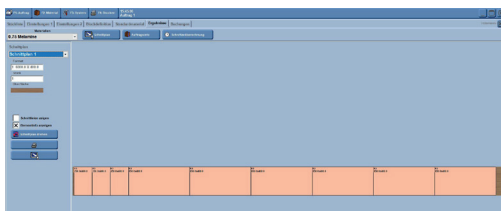
STRIEBIG OptiDivide
CUT OPTIMISATION

SOFTWARE OPTIONS (RETROFITTABLE)

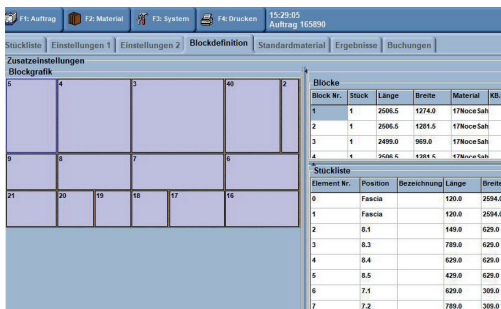### OFFCUT STOCK MANAGEMENT

Enables a graphical representation of the offcut stock. The offcuts can be allocated to the various defined storage boxes.

The offcuts crated during cutting can be checked in the stock. Offcuts are checked in and out manually in the offcut stock management.
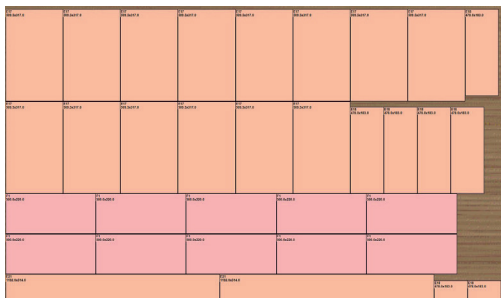

NARROW STRIPS OPTIMISATION

Material that is only cut to length can be optimised with the narrow strips optimisation (turning depth 0).

BLOCK PARTS MANAGEMENT

Defined parts from the parts list can be combined and cut as a block.

Creating block parts can be helpful if, for example, the width of a drawer front of a drawer cabinet is too narrow for edge banding, or a continuous grain pattern of the fronts is desired. In such cases, the front is combined into one block and edges are added on the left and right. The block is then cut into the individual drawer and doors and finished with edges on both sides.

FILLING PARTS MANAGEMENT

These can be standard parts which are available from stock and can be used as required.

As soon as the stock falls below minimum stock level, the standard parts are generated again in the cut optimisation. These standard parts (filling parts) are created from the offcuts in the cutting plan. This allows better utilisation of the panels.

EDGE CALCULATION

This additional module can be used to generate an edge consumption list.

In the generated list, the lengths of all edge materials, which are needed to produce the elements of this material, are listed.