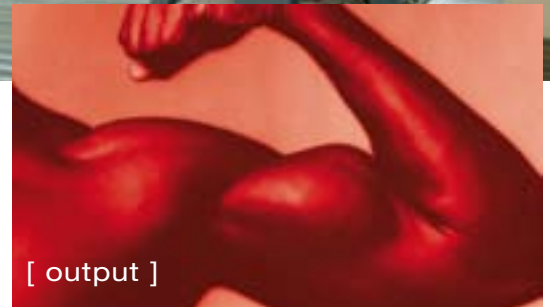


# Innovative advance thanks to Schelling

PIATTI applies the ah 8 Schelling solution



Patrick Artho, PIATTI  
Ingo Schwarzmann, Schelling

## Task:

Whilst utilising the existing space, the requirement stipulating the use of latest cutting technology within the framework of a two-shift system. Focus is on cutting to size white board corpus products with the full book height. The second shift shall comprise cutting small batches of front parts, mainly in single-panel processing using the ah 8 cut-to-size plant.

## Schelling Solution:

These requirements will be fulfilled using the ah 8, the latest innovation in panel cutting from Schelling. The single line beam saw fh 6 and the rest cut management program XBoB form an ideal supplements to this solution.

## FACT BOX

### ah 8

#### Saw blade

Diameter	520 mm   20.47"
Projection	165 mm   6.49"
Clamp opening	145 mm   5.70"

#### Feeder speed

Forward	up to 80 m/min 0 – 262 ft/min
Return	80 m/min 262 ft/min

#### Saw carriage speed

Forward	up to 150 m/min 0 – 492 ft/min
Return	150 m/min 492 ft/min

#### Power

Saw motor	32 kW / 42 HP
-----------	---------------

### Bruno PIATTI AG

Founding	1948
Employees	300
Customers	Switzerland



## Interview with Mr Patrick Artho, Project Leader at Bruno Piatti AG

### 1. PIATTI is active in a range of market segments: Kitchens and wall units for upmarket residential construction. Which challenges is PIATTI facing due to the current market situation?

„Competitors from neighbouring countries are an increasing threat on the Swiss market. Piatti is countering these challenges with cost optimisation in its tender business, with the model range "Optima", whilst private customers have access to a world of kitchens with experience and design under "Passione". We offer every customer his perfect kitchen.“

### 2. To what extent is Schelling able to offer support in facing these challenges?

„Working together with Schelling, the aim was to generate a future-orientated cutting philosophy for Bruno Piatti AG and to create one of the most modern panel cutting centres for kitchen production in Switzerland. Quality improvements, cost reductions, capacity increases, space benefits, process assurance and the physical easement of our employees were additional ambitious aims which we were able to achieve. By purchasing the ah 8 and fh 6 it was possible to reduce our machinery outfit by two systems.“

### 3. The cut-to-size plant ah 8 is the latest innovation to come from Schelling. Which new markets were added with the application of this angular plant?

„Piatti kitchens thrive on innovation and we work intensively on "tomorrow". We see extensive challenges in the development of new markets. The activities are fully up and running, although it is not possible to provide more details at this time. Production with the latest Schelling technology strengthens us in this forward development.“

### 4. What experiences have you had with the ah 8 to date?

„We are achieving greater productivity with the new system. We produce approximately 35,000 body parts every week on this system, with one half shift every day and one saw operator. In comparison to the previous output, this is a 50 percent reduction in cutting time and personnel resources. During the time saved and in the second shift we cut 1,500 to 2,500 front panels. From a qualitative viewpoint we have also achieved our ambitious aims and it is once again possible to comply with the tolerances defined on the finished parts.“

### 5. Which technical design elements of the ah 8 are most advantageous to you?

„The automatic vacuum loading is highly beneficial. It is essential that the surfaces are not scratched for quality reasons. The machine tables on the ah 8 cut-to-size plant are hard-chromed-plated for the optimum surface protection. Finished polyamide rollers are used to transport the panels, for surface protection purposes. The use of the two infeeds when cutting the front and body parts enables us to achieve a 20% increase in production. The automatic stacking of the body parts is a great physical relief for our employees, in comparison to the former method.“

### 6. Piatti also operates the cut-to-size saw fh 6. How is the machine integrated into the Piatti cutting centre?

„The ah 8 is used to cut approximately 1,500 to 2,500 front parts every day. Postforming lines and special and express parts are cut on the fh 6. The rest cuts, managed by XBoB, are also reused with the aid of the fh 6. When we receive production orders with small batch sizes, the integrated rest management program XBoB makes savings of up to 8 panels every day. This is an added economic advantage for us. This machine therefore constitutes an ideal supplement to the angular plant.“

### 7. How were your requirements integrated into the project implementation?

„The project implementation process was exceptional. Our requirements were considered right down to the tiniest detail and the optimum solution was tailored to us.“

### 8. Why should one recommend Schelling for plant construction?

„Schelling is flexible and focuses on the customer's needs. Open and communicative cooperation gives the Schelling project management a high grade.“

