

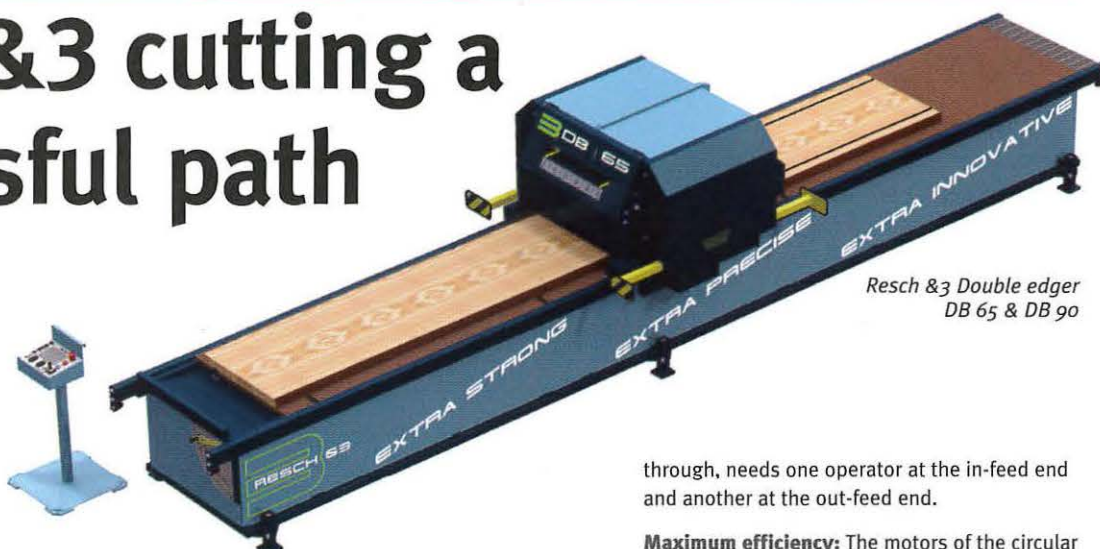
Resch &3 cutting a successful path

Willemsen Naaldhout B.V., based in Cuijk is the largest needle sawmill in Netherlands annually processes 300,000 m³ roundwood (pine, spruce, Douglas fir and larch).

The flexible saw lines are some of the most modern in Western Europe. This makes it possible to easily and quickly switch such packaging timber to lumber for the civil engineering sector or garden timber.

As a supplier of sheet piles including (for the civil engineering), pallet boards and spool wood (for the packaging industry) and garden wood Willemsen Softwood BV plays a leading role.

Since September 2011 Willemsen has used a Resch &3 stationary band saw type ES 1050 PROFI for cutting mainly large trees. They also use the new Resch &3 double edger DB65. *IFI* has a full Operation Focus on the band saw in our next issue. Meanwhile we report on the Double Edger DB65.



Resch &3 Double edger
DB 65 & DB 90

Precision: The plank remains lying on the table and the saw head moves forwards and backwards. There are also two pressure rollers in front of and behind the saw blades, which put downward pressure on the plank and fix it in place. This new working process is the only one of its kind on the market and guarantees an accurate, parallel and straight cut.

Space saving: Less space is needed, as instead of being pushed through, the plank remains lying on the table.

Operated by just one person: The machine is operated by one person. A conventional double edger, which requires the plank to be pushed

through, needs one operator at the in-feed end and another at the out-feed end.

Maximum efficiency: The motors of the circular saw blade are constantly monitored and the optimal feed rate is automatically adjusted.

No suction unit is required: Thanks to the saw blade's rotation speed, the sawdust is ejected into a collection box. This box is emptied every time in final position.

Easy to operate: Each individual plank is aligned using cross chains at the zero-line (= left, fixed saw blade) by means of a laser guide. The second moveable saw blade is subsequently adjusted (also using a laser guide) so that maximum yield is ensured. A specific measurement can also be set at the control panel. Lateral stops, adjustable from 3 to 16 cm, facilitate multi-ripping. **IFI**



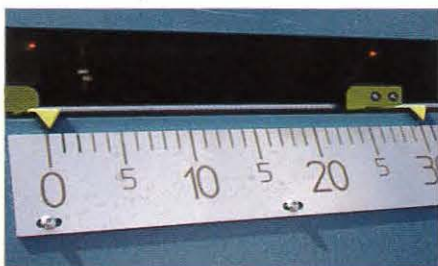
Easy to operate



No suction unit, the
sawdust collection
box empties itself
at the final position



Lateral stops
can be adjusted
from 3 to 16 cm



Positioning of the sawn timber and adjusting of
the saw blades with laser guide and scale



Cross chains for adjusting and ejection

Technical characteristics:

Type	DB 65	DB 90
Max. passage height	65	90 mm
Max. passage width	850	850 mm
*Max. cutting length (standard)	4.4 – 5.2 – 6.2	4.4 – 5.2 – 6.2 m
Max. distance of circular saw blade	500	500 mm
Min. distance of circular saw blade	40	40 mm
Diameter of saw blade	300	350 mm
Feed speed	0-90	0-90 m/min
Electric motor circular saw blade	2x4.6	2x7.5 KW
Total weight	1,500	1,800 kg

* Special lengths on request

Hi-tech business in South Tyrol is booming



South Tyrolean business group, 'Timber and forestry', which is part of the Export Organization South Tyrol (EOS) of the Chamber of Commerce of Bolzano/Bozen invited IFI along with other journalists from UK, Norway and Ireland to South Tyrol to receive presentations from four of its member companies, Microtec, Seppi, Resch&3 and Seik GmbH.



DAY 2 AM

Resch & 3 GmbH – Blumau

Presentation, company visit and demonstration

Since 1955 Resch & 3 produced professional mobile and stationary band saws. Resch & 3 is one of the leading globally operating manufacturers of mobile band saws for cutting softwood and hardwood. The saw operator has a direct view of the sawn timber from the travelling cab, which enables constant quality control. Saw blade, blade guides, precutter and

crosscutter are in constant view and can be monitored. Resch & 3 is the only company that equips both stationary and mobile machines with the same technological features as large band saws for the wood industry. From a simple ECO to the PROFI model Resch & 3 offer various equipment options.



The new double edger DB 65 nearing completion



Automatic board remover. To cut quality goods, it is important that the operator after each cut can see the wood quality. The board remover can take off on the side each board when travelling backwards.



Fast sawblade change. The protective housing is opened hydraulically.



Owner Christoph Lunger shows the new stationary bandsaw type ES 1050 PROFI. The travelling cab ensures the operator has a perfect view of the timber and optimal visibility of the pre-cutters, crosscutter and sawblade pressure guide.



Several programs on the display enable optimal yield of the tree trunk.



The longitudinal roller transports the log back and forth.



Easy to handle with robust clamping



Owner Martin Rieder



Lunch in Brixen



The sawblade pressure guides guarantee a precise cut and optimal surface.