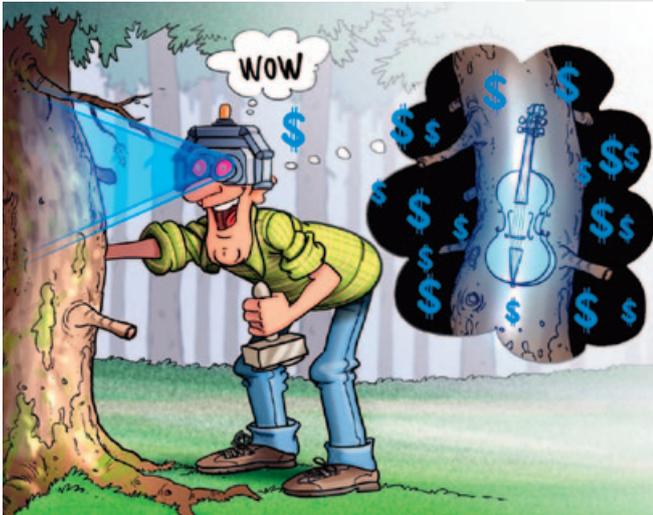


RS-XRay

RS-XRay reveals the inner secrets and the core of the log. It's a unique and well proven measurement equipment, which makes it possible to sort logs according to the product requirements in the sawmill.

Saving Raw Material

With the help of industrial X-ray techniques and class leading resolution, RS-XRay will see through the bark and all the way through the heart wood. The measurements give information about diameter under the bark, knot types, knot volume, annual ring density, strength and heart wood diameter – properties crucial for determining the value of the raw material for use in the final products. Already when sorting the timber, these inner properties can be discovered, which opens up a whole new set of possibilities.



By sorting the timber using RS-XRay, it'll be easier to sawing the required dimensions with the requested properties. Also, the raw material will be utilised at a maximum rate.

Optimise and Save Money

RS-XRay gives exact information about timber from different growth areas and suppliers. RS-XRay makes it possible to sorting logs into different bins depending on the inner properties of the log, i.e. a bin can be assigned to constructional wood or window-frame material or any quality related property. Also, by sorting and sawing a volume directly linked to a particular customer order, the production and inventory costs will decrease.

Proven Functionality

The measuring system, which can measure in 2-6 directions, consists of a scanner frame, Xray sources and detectors. The Xray system, which is used in various industrial applications, is very reliable and is the most used system in the marketplace.



Technical Facts

Measuring range	100-450 mm
Distance between cross sections	5 mm
Measuring accuracy (s)	2 mm*
Maximum conveyor speed	3 m/s
Operating temperature range	+15 till +25°C
Height	2010 mm
Width	1920 mm
Depth	400 mm
Protective cover rating (scanner frame)	IP65

*Sorting diameter under bark