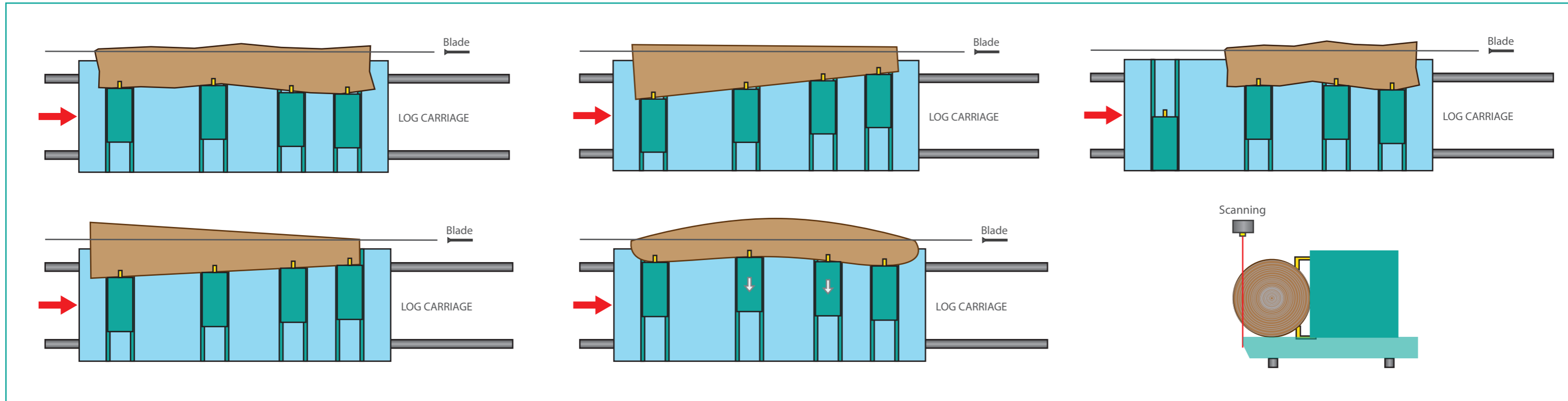


MULTI-AXIS LOG CARRIAGE WITH SCANNER AND OPTIMIZATION :



ALIGNMENT MODE ON OPENING FACE:

The operator can select on PC Touch Screen Networks a scanning preset for the opening face according to three programmed criteria:

- Opening face width or automatically according to the log diameter.
- Guaranteed length for the opening face.
- Percentage of taper (which allows to select a reference for the alignment from the edge to the central axis of the log).

MINIMUM OPENING FACE MODE AND CANT/FILL MODE:

- Automatic Cant/Fill Mode: the system automatically chooses the right sawing program according to the small diameter and the length of the log. It centers or off-centers main cant(s) in the smaller diameter so as to maximize the number of side cants and then optimizes a number of programmed boards by priority. The operator selects a scanning preset for the opening face on the first board. A financial priority can be programmed by products so as to cut some sawing patterns by priority.

- Minimum Opening Face Mode: the operator select a scanning preset for log alignment (minimum opening face x minimum length x taper %). It is also possible to program short squared product to recover in the slab in addition of the Minimum Opening Face Target.

PRODUCTION DATA:

- All the data on sawing process is saved in the system and can be printed on paper or in PDF format files and are available at anytime on the touch screen (The number of sawn log, the number of sawn kerfs, sawed volume, downtime reports ...).

LOG CARRIAGE SPECIFICATIONS:

- Transversal movement of independent headblocks controlled with servomotor "Parker" and reducer "Güdel-Sumer" for each headblock, positioning speed 500mm/sc.
- Superfast positioning of the headblocks; Alignment and headblocks movement is done at the same time.
- Automatic alignment of the headblocks by 2D or 3D scanner (Options).
- Maximum opening of headblocks: 1000 mm.
- Maximum opening of hooks: 1000 mm.
- Hydraulic accumulator (fast positioning of the different hydraulic devices).
- Hydraulic quick turners for 90° turndown (Option for inclined log carriage).
- Cant and last board ejector (Option).
- "V" Type log turning arms (Option).
- Blade deviation control (Option).
- Ergonomic operator seat.

