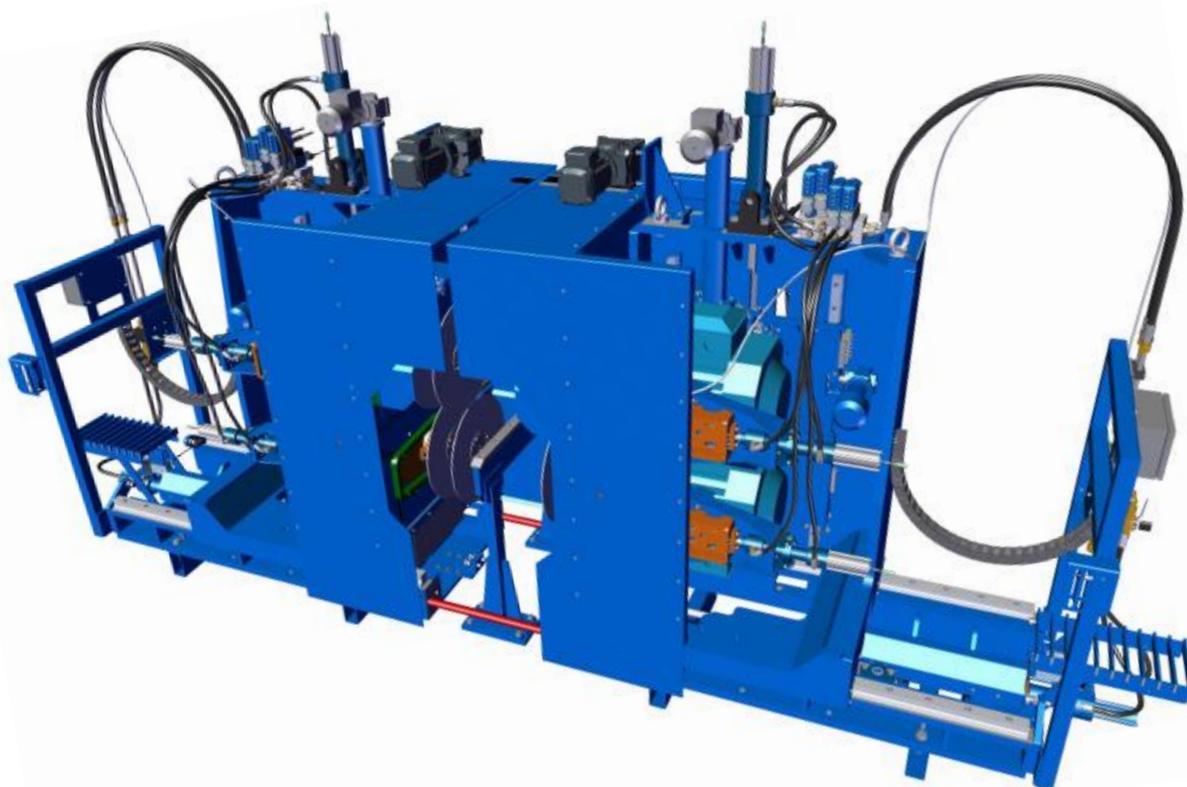


# Cant breakdown-/Gang saw QSS-300



- ✓ Higher yield
- ✓ Better measurement accuracy
- ✓ Higher speed
- ✓ Higher availability



**QSS-300** is a double-axle blade saw that is placed either as a secondary breakdown saw (QSS-300C) in a standard line, or as a gang saw (QSS-300DS) in a small log line. QSS-300 has settable blades and saws off up to 2+2 side boards or divides a cant in up to five pieces.

The machine consists of 4 blade spindle motors where the blades are mounted directly on the motor shafts, there are 2 on each machine half. The machine halves consist of heavy-duty steel plate to reduce vibrations and ensure high measurement accuracy.

Each machine half stands on a linear guide system that servo-hydraulically positions both blade spindles laterally. The blade spindles on each machine half can also be adjusted laterally in relation to each other during sawing with an electric motor (missmatch).

The blade spindles are positioned servo-hydraulically in height to get the cut in the center of the log, the distances in height relative to each other can be adjusted with an electric motor to get the correct overlap between blades.

On the infeed of the machine there is a fence with a driven roller and a guide plate, which stabilizes the cant and feeds it through the machine during the sawing operation.

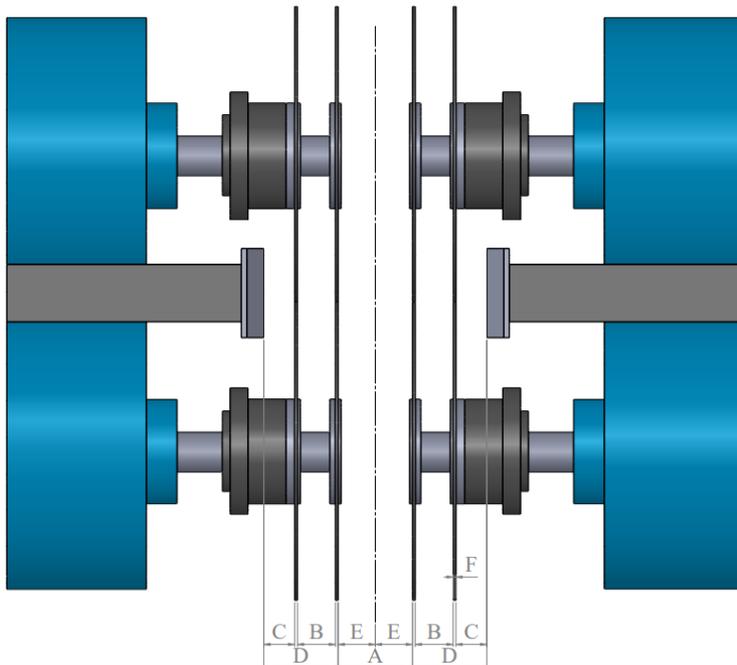
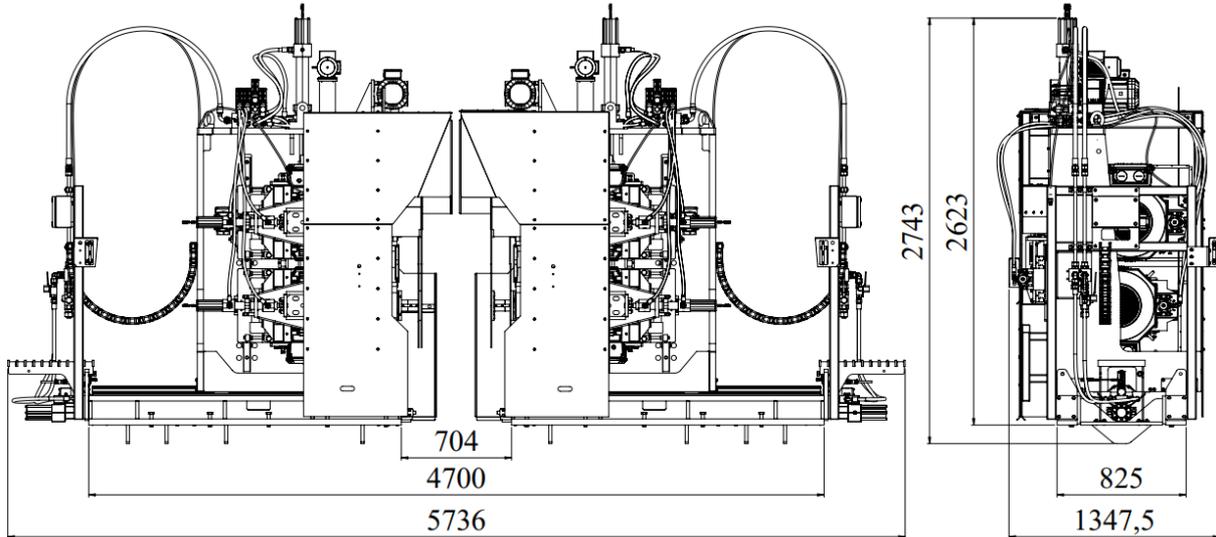


# QSS-300

- Short posting time, about 10 min



## Measurements



|                                      | QSS-300C   | QSS-300DS   |
|--------------------------------------|------------|-------------|
| A=                                   | 60 - 370mm | 18 - 370mm  |
| B=                                   | 18 - 115mm | 18 - 120mm  |
| C=                                   | max 75mm   | max 80mm    |
| D=                                   | 0 - 135mm  | 0 - 140mm   |
| E=                                   | 30 - 185mm | -10 - 185mm |
| Limitation for B and C: $B+C+2F = D$ |            |             |

### Technical data

|   |                  |
|---|------------------|
| Max feed speed.....                         | 180 m/min        |
| Max cant height.....                        | 340 mm           |
| Blade diameter .....                        | 520-540 mm       |
| Distance between inner/outer blade .....    | 18-100 mm        |
| Opening between inner blades: QSS-300C..... | 70-370 (1700) mm |
| QSS-300DS .....                             | 18-370 (1700) mm |
| Power requirement arbors .....              | 4x97/125 kW      |
| Speed arbors.....                           | 3000 rpm         |
| Weight .....                                | app 11 ton       |

