

# Integrated

systems design ltd

# OSCAR™

by Ciris Engineering



Oscar by Ciris Engineering is an optimiser for log-carriage type headrigs.

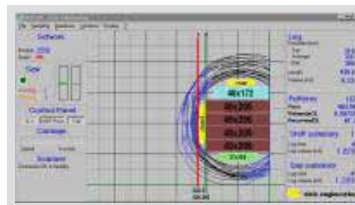
Based on the latest true shape technologies, Oscar measures logs with a high degree of accuracy, calculates the optimal opening face and the best sawing pattern, then positions wood at full speed before entering the cut.

The precision and the regularity of the solutions provided by Oscar make it possible to increase yield, productivity and value of every log cut.

Regardless of the species or equipment used, Oscar is easy to install and operate. Oscar will provide better basic data which will improve production management.

## Oscars Features:

- Industrial-strength laser-based scanner heads
- Real-time optimisation
- Touch-screen for user interface and 17" LCD flat screen, located near or within operator console
- Optional log scaling
- Saw blade deviation display and recording

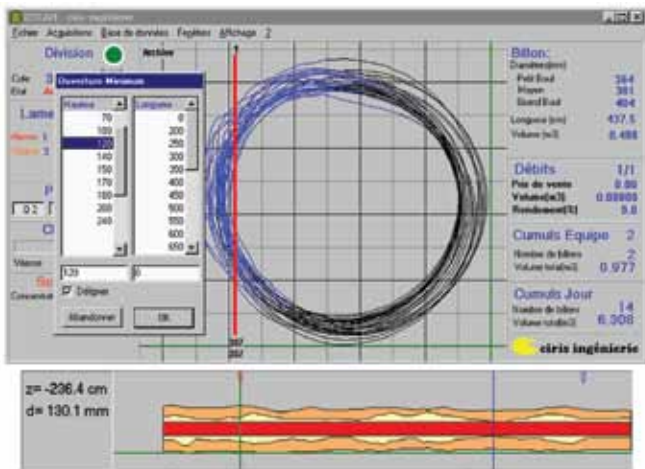


## Optimisation Operation:

- Once a log has been dogged, the carriage starts moving toward the saw. Scanner heads take real-shape measurement of front face as the carriage is moving.
- Carriage is set so that desired opening face is obtained very accurately and with very high repeatability.
- Cutting pattern is shown on screen, and display is adjusted as further cuts are made. Oscar connects to existing Setworks so that the operator does not have to perform sets.
- Optimisation and carriage knee positioning takes place before the leading end of the log arrives in the saw.

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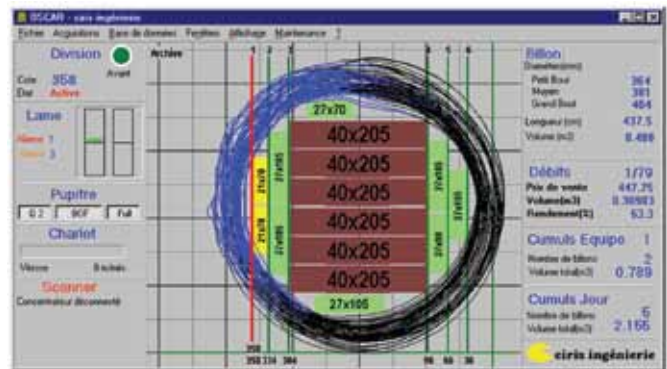


Benefits of an OSCAR log carriage optimiser:

- Is well adapted for all kinds of solutions, Hardwood or softwood.
- Optimises all types of sawing patterns
- Increases recovery
- Increases profitability
- Improve speed of production
- Reduces production costs
- Decreases chance of human error
- Personnel training made easier

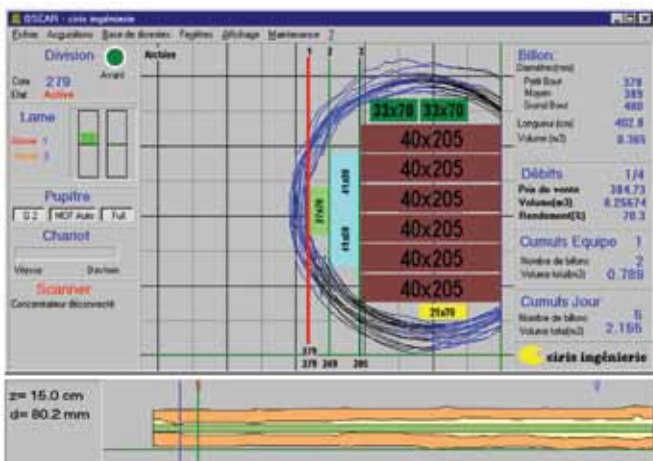
Other features of an OSCAR log carriage optimiser:

- Automatic skewing
- Optimised opening face
- Optimised sawing pattern
- Automatic setting
- Saw blade deviation control



Oscar prints out production reports giving information like log consumption per grade per shift.....

Oscar ensure production plans are made easy. Oscar has a set of data to inform saw doctors.



Ciris Engineering has installed over 30 Oscar log carriage optimisers through out europe, making it europes most used true shape log carriage optimising package.

Integrated Systems Design Limited have partnered with Ciris Engineering to give the customer the benefit of both optimising, full machine and plant control

