IMPROVE YIELD AND QUALITY
WITH THE CORE PRESS CONTROLLER CORE-PRS

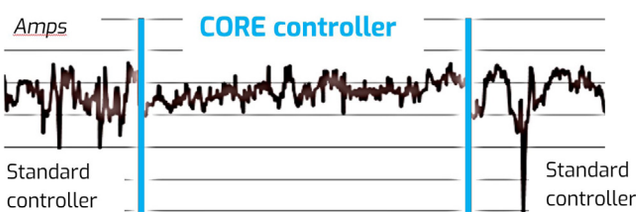
CORE

THE CONTROL CHALLENGE

Presses are used in a wide range of industrial applications. In the production of animal by-products, presses are generally used to separate fats from the meal.

Consequently the yield of meal and fat and the residual fat in the meal depend on how well the pressing process is controlled.
To achieve the required separation results, the press must be kept at a sufficiently high and stable motor load.

Loss of stability means bad separation, and uncontrolled variations in fat yield and in the residual fat in the meal.



CORE-PRS

The CORE-PRS advanced press controller utilizes critical information regarding process history to substantially reduce variations in motor load, and thereby improve the separation process, improving yield and quality.

CORE-PRS continuously collects and uses parameters such as level, feed and motor load/amps to adjust the feed to the press keeping a stable and optimal motor load.

Prior to installation, CORE always provides an analysis of the potential for energy savings and the potential for increased capacity and yield.
CORE projects generally have a payback period between 6 months and 1 year.

The CORE-PRS controller is delivered on a separate PLC and with the communication units needed.

The controller is implemented swiftly and commissioned without disturbing production.