

Portfolio white paper

Interactive: Baldor Electric Company

Baldor is an electrical and mechanical company that markets, designs, and manufactures industrial electric motors, mechanical power transmission products, drives and generators. FernCreek designed and created OSB process and cement process sales programs that were installed as touchscreen installations on the walls of a mobile sales unit.

CEMENT PROCESS
ALL PRODUCTS

QUARRY

CRUSHING

FUEL HANDLING

FINISH GRINDING

DISTRIBUTION

RAW MATERIAL
PREBLENDING / STORAGE

RAW MILL

HOMOGENIZATION

PREHEATER
PRECALCINER

ROTARY KILN

CLINKER COOLER

AUXILIARY SYSTEMS

PLAY
PAUSE
REWIND

TECHNICAL OVERVIEW

PRODUCT SOLUTIONS

CASE STUDIES

ADDITIONAL INFO

Torque Max High Torque Motors

Quarry Duty Motors

Magnagear

Controlled Start Transmission (CST)

ESSORS / BLOWERS

TARY FEEDERS

Material is continuously drawn, at a precisely metered rate, from the homogenization silo or blending basin and introduced into the rotary cement kiln. Dry material is conveyed pneumatically or by bucket elevator, while centrifugal pumps deliver slurry to the kiln inlet.

Homogenization is the final opportunity to affect the raw meal chemistry and quality before introduction to the pyroprocessing phase.