

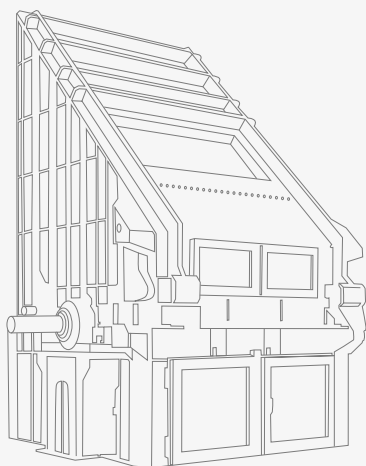
FLSMIDTH CEMENT

EQUIPMENT & SERVICES



+++ LINE CARD +++
+++ LINE CARD +++

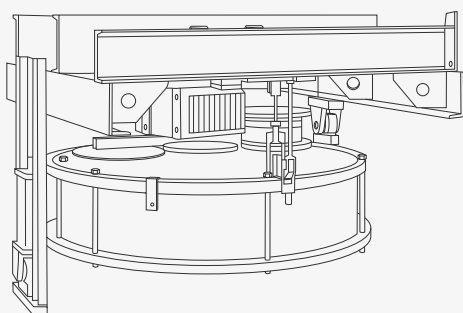
1st July 2025



CRUSHING

Impact crushers

Dryer crusher
EV Hammer Impact Crusher
Strike-Bar™ Crusher



FEEDING AND DOSING

PFISTER® Alternative fuels solutions

Feedex™ Overhead Reclaimer
PFISTER® AF Starter Kit

PFISTER® Rotor weighfeeders

PFISTER® DRW
AutoGAP 2.1 for PFISTER® DRW
Smart Aeration for PFISTER® DRW
FEEDflex for PFISTER® DRW rotor weighfeeder
PFISTER® FAR
PFISTER® FRW 5 series

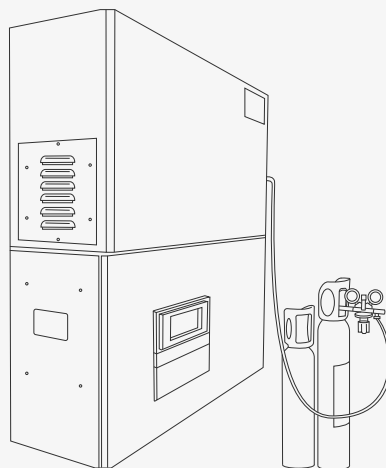
PFISTER® SCF
PFISTER® TRW
PFISTER® TRW-K rotor
PFISTER® TRW-S/D rotor
PFISTER® URW

PFISTER® Scales

PFISTER® BS - Belt Scale
PFISTER® DPS - Deep Pan Scale
PFISTER® SFM - Solid Flowmeter

PFISTER® weighfeeders

PFISTER® GBF - Gravimetric Belt Feeder
PFISTER® Apron Weighfeeders
PFISTER® Smart Linear Feeder (SLF)



GAS ANALYSIS AND EMISSIONS MONITORING

Emissions monitoring

Continuous Emissions Monitoring Systems (CEMS)
Dust monitors
Flow monitors

Gas analysis

Double probe system for filter protection (DDOP)
KilnLoq® Cold/Dry System for kiln inlet or calciner
KilnLoq® HW Laser Gas Analysis System for kiln inlet or calciner
Silo/Filter Probe System for coal mill



MILLING AND GRINDING

Ball mills

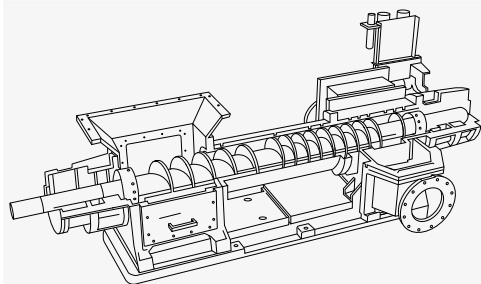
Ball mills (TM, TMS, TUM, TUMS, Tirax)
Cement powder cooler
Gear Pinions
Girth Gear
O-SEPA™ Separator
RTKM Separator
SEPAX™ Separator
Ball mill liners
STANEX Diaphragm for Ball Mills

Roller presses

Hydraulic Roller Press
Tribomax® Wear Surface

Vertical roller mills

FRM Coal Mill
ATOX® Coal Mill
Hi-Chrome Wear Segments
OK™ Cement Mill
Rotary feeder airlocks
OK™ Pro+ Ceramic Wear Segments
FRM Raw Mill
OK™ Raw Mill
RAKM Separator
ROKS/ ROKSH Separator



PNEUMATIC CONVEYING

Pneumatic Conveying Accessories

Abrasion-resistant pipeline fittings

Pneumatic Conveying Feeders and Valves

Flow control and shut-off valves
Pneumatic Blending Systems
Pressure tank systems
Rotary valves for pneumatic conveying
Storage and blending silos
Two-way diverter valves for pneumatic conveying
V-Series pneumatic feeder / airlock

Pneumatic Conveying Systems

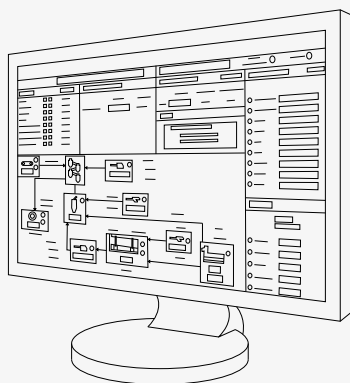
Airlift™ vertical conveying
Airlide® Gravity Conveyors

Pumps and Compressors

B3000™ V2 Compressor blades
Fuller-Kinyon® (FK) screw pump
Ful-Lube™ lubrication systems
Ful-Vane™ Rotary Vane Air Compressor
Ful-Vane™ Rotary Vane Gas Compressor

Ship unloaders and terminals

Dockside® Ship and barge unloaders
Ful-Floor™ Pneumatic Reclaim System
KOVAKO® Ship and barge unloaders



PROCESS CONTROL AND OPTIMIZATION

Process and machine control

ECS/ControlCenter™ Process Control Solution

Process data management and insights

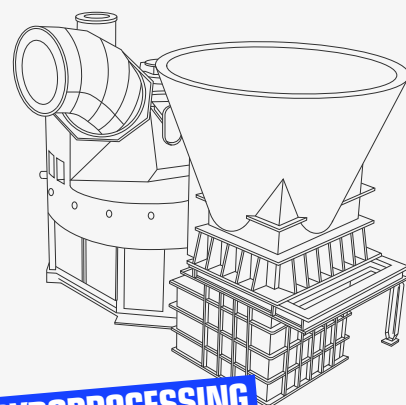
ECS/UptimeGo (Downtime analysis software)
ECS/PlantDataManagement
SiteConnect Mobile Insights App

Process measurement and monitoring

ECS/CemScanner™ Kiln Shell Monitoring System

Process optimisation

ECS/ProcessExpert® Advanced Process Control Software (PXP)



PYROPROCESSING

Coolers

ABC™ Cooler Inlet
SF™ Cooler
Multi-Movable Cross-bar cooler (MMC)
Coolax
CFG Cooler
Cross-Bar® Cooler
Heavy-duty Roll Breaker (HRB)
Wave grate for SF™ and Multi-Movable coolers
Clinker hammer crusher

Firing systems

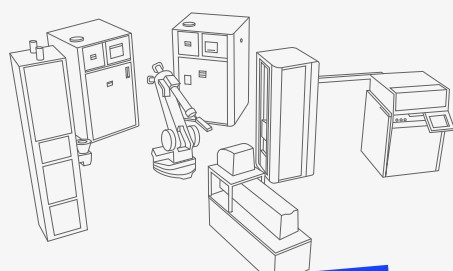
FUELFLEX® Pyrolyzer
HOTDISC® Reactor
Duoflex® Kiln burner
JETFLEX® 2.0 Kiln burner
Satellite burner
Hot Gas Generator (HGG)

Kilns

3-Base Kiln
Gear Pinions
Girth Gear
Kiln Graphite Seal
Precast Kiln Outlet Sectors
ROTAX-2® Rotary Kiln
HTD (hydraulic thrust device) for kilns
Lamella and pneumatic kiln seals
Spring-tensioned Kiln Graphite Seal

Preheaters

Cast central pipe for high-temperature cyclones (thimble)
In-Line Calciner Preheater System (ILC)
Low NOx Calciner
TA (tertiary air) damper
Bypass systems
Clay calciner
Sluice flaps
Expansion joints



SAMPLING, PREPARATION AND ANALYSIS

Automated laboratories

QCX/RoboLab® Systems

Laboratory software and quality optimisation

QCX® Advanced Quality Control Systems (QCX/BlendExpert™)
QCX® Laboratory software

Sample analysis

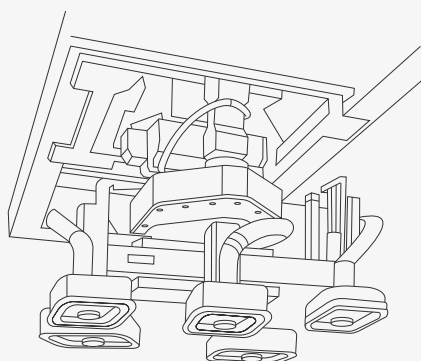
QCX® Automatic Blaine Analyser
QCX® Carbon Sulphur Analyser
QCX® CUBE X10 Online Elemental Analyser
QCX® CUBE X20 Online Free Lime Analyser

Sample preparation

QCX® Automated Soft Press for XRD sample preparation
QCX® Centaurus® Combined Mill and Press
QCX® Dosing, Cleaning and Fusing Units
QCX® X-ray manual sample mill
QCX® X-ray manual sample press

Sampling and sample transport

QCX® Automated Samplers
QCX® AutoSampling Systems



STORAGE AND DISPATCH

Ventomatic® Empty bag handling and storage

INFILROT® automatic bag applicator for rotary packers

Silos

CF Silo for raw meal
CFI cement storage silo
CFMI silo for multiple products
CFS cement storage silo
MDS Silo for long term storage

VENTOMATIC® Filling units

BIG BAG Filling Systems
FILLPro™ dust reduction kit for GIROMAT® EVO rotary packers
GIROMAT® rotary bag packers
LINEAMAT™ inline packers
VENTOSEAL™ CL Ultrasonic Valve Bag Sealing System

VENTOMATIC® Palletising

POLIMAT® bag palletizing systems

VENTOMATIC® Truck and wagon loading

CARICAMAT® automatic truck loader for cement
CARICATECH™ automatic truck loaders
FFL™ automatic loader for open-top trucks
FFT™-4C automatic loader for closed truck and containers



ADVANCED SERVICES

- Technical management
- Installation services
- Material testing services
- Training and development
- Bulk Material Test Laboratory
- Reliability Centered Maintenance (RCM)
- ATOX® Mills - Online condition monitoring services
- OK™ Mills - Online conditioning monitoring services
- Kilns – Online Condition Monitoring Services
- Cross-Bar® Cooler – Online Condition Monitoring Services



MAINTENANCE

- Crusher maintenance services
- Rotor retrofit for limestone crusher
- PFISTER® feeding and dosing services

- Gas analysis services and upgrades
- Gear services
- Maintenance Service Agreements
- PlantLine™ Agreement
- Ful-Vane™ Compressor exchange program
- Hard facing services for VRMs
- Line boring services
- Kiln resurfacing
- White metal bearings refurbishment
- Roller rebuild service for OK, ATOX and FRM Mills
- Vertical roller mill services
- SiloSafe Cement service
- Fluxo™ pump retrofit
- Pneumatic Conveying services
- Cybersecurity assessments
- Cooler services
- Kiln services
- Comprehensive hot kiln alignment
- Packing and dispatching equipment services



OPTIMIZATION

- Mill start-up
- Carbon capture optimisation service
- Electrical and automation audits
- Calcined clay plants - service agreements
- Lab audits

Please note the following

This list of products and services is representative of our portfolio as of July 2025 and is intended to provide general guidance regarding the capabilities of FLSmidth Cement. The list is not exhaustive of our complete Intellectual Property.

FLSMIDTH CEMENT

www.flsmidth-cement.com

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