

AIRCHOC® 5



By-Pass



Quarry - Sand bin



Kiln inlet

- ▲ **More Power,**
- ▲ **Less Energy,**
- ▲ **Total Safety,**
- ▲ **Guaranteed Efficiency...**

 **Sisa
industry**

 **Standard
industry**

 **Standard
industrie**

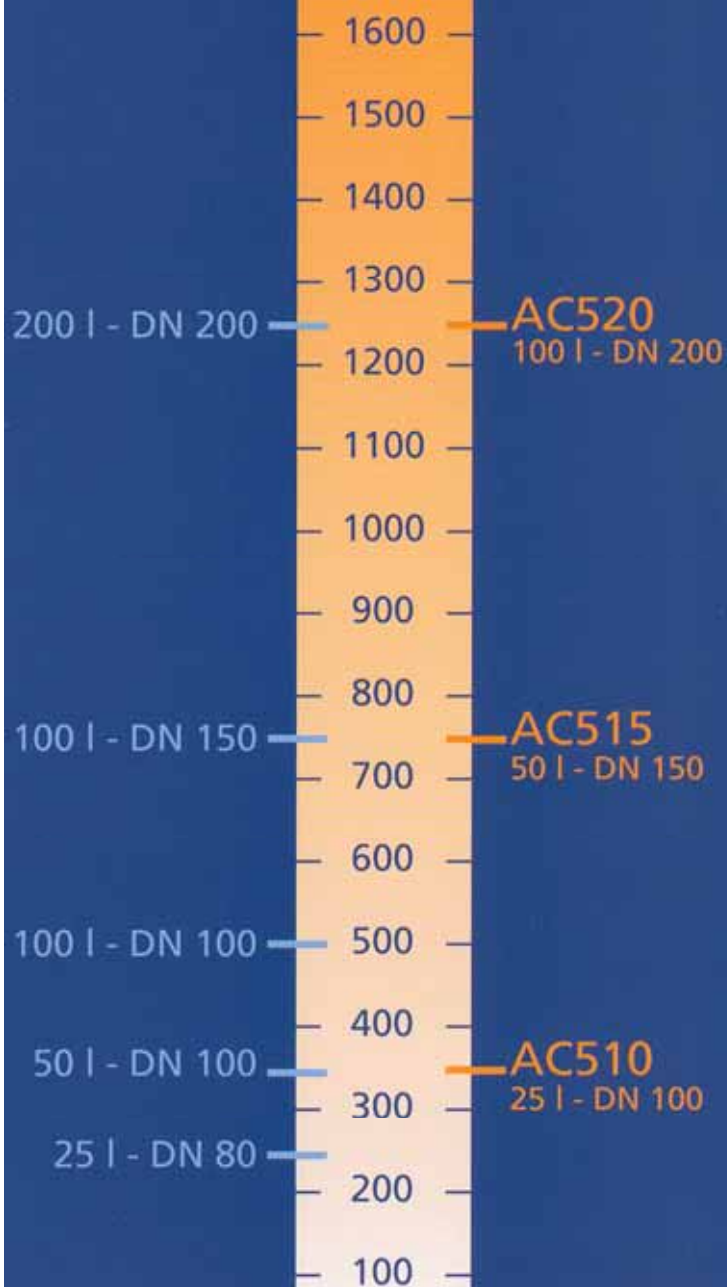


*A matchless
efficiency*

Force
in daN*
(at 6 bars)

Usual
Aircannon

AIRCHOC® 5



*Tolerance 7%



AIRCHOC[®] 5 Standard

The solution to all flow problems

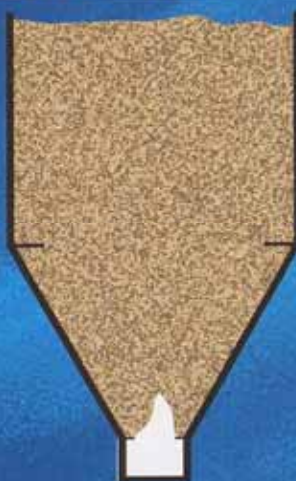
Why solve with

- Increase your production capacity,
- Keep your storage capacity,
- Production planning on schedule : 100% of your storage capacity being used,
- Process quality and consistency guaranteed,

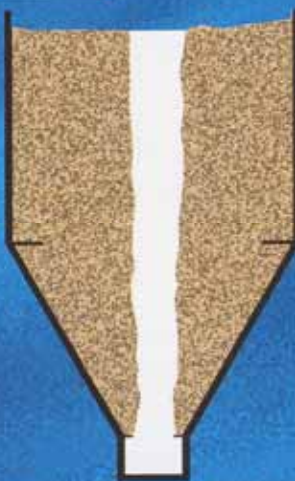
Problems



High bridging



Low bridging



Chimmey / Ratholing

Applications

- Silos and hoppers,
- Bunkers and bins,
- Chutes,
- Pipes,
- Transfer points...

Main Valve

- Rubber moulded piston with metallic insert
- Cast iron body with protective black paint



Cereal dust



Slurry silo



Concrete plant



Quarry

AIRCHOC® 5 High Temperature

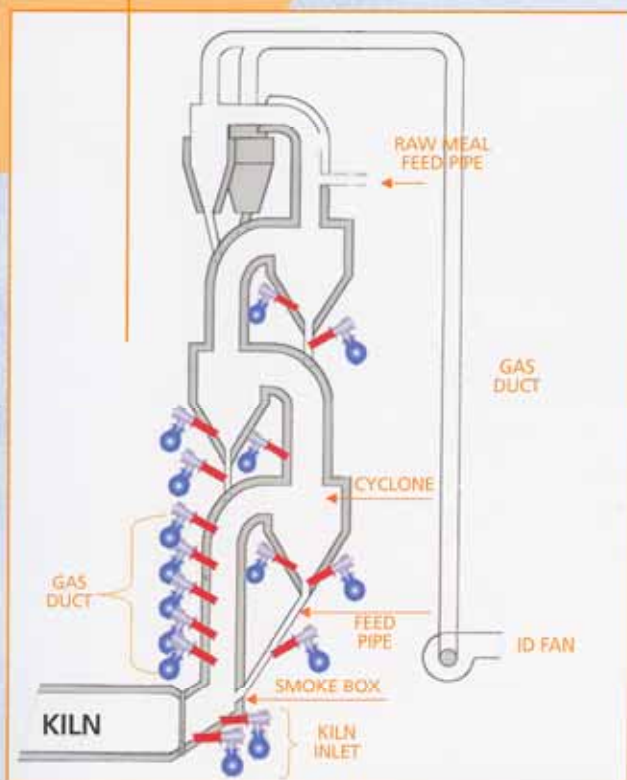
The solution to concretions and blockages



flow problems ● AIRCHOC® ?

- Less downtime due to maintenance,
- No structural damage,
- No spontaneous combustion risks,
- Maximum safety,
- Increase your alternative fuels burning capacity.

*Specifically designed
to solve problems
in high temperature areas*



Applications

- **Cement works,**
 - Lime works,
 - Incinerators,
 - Etc...

Main valve

- Aluminium or aluminium+stainless steel piston,
- Cast iron body with protective grey paint,
- Metal to metal seal.



Gas duct



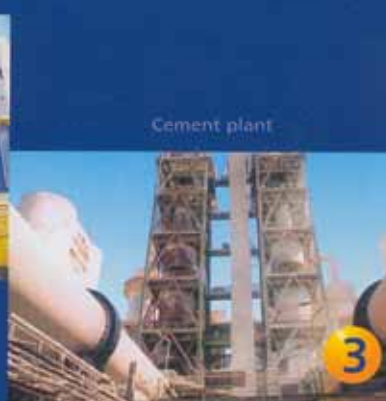
Precalcination - Tertiary air duct



Cement plant



Incinerator



Cement plant

A wide and tailor-made range...

A clever combination of valve mechanisms (standard or high temperature) and pressure vessels enables us to recommend bespoke and personalised solutions to any of your build-up or concretion problems.

AIRCHOC®	ACC0.4	ACC0.5	ACC1	AC510	AC515	AC520	ACC5
Outlet diameter - DN in mm	25	50	80	100	150	200	300
Pressure vessel capacity in litres	4	9	25	25	50	100	400



NEW
AIRCHOC® 

For use where there
is risk of explosion
(norm 94/9/CE). Ask us.

AIRCHOC®

« Classic »

AIRCHOC® 5

Advantages

- **Efficient declogging** from the outside and without structural damage.
- **Applicable** on any kind of silo, hopper, chute, duct, kiln... whether made of steel, concrete, stainless steel, aluminium or plastic.
- Efficient on **all types of bulk material**,
- Firing sequences tailor-made and easily set up,
- Simple and user-friendly technique,
- **Easy** maintenance,
- Solution with a **quick pay-back**,
- **Safety** of use (remote electrical control),
- Significant **reliability** : 3 year-guarantee.

Advantages of the AIRCHOC « New Generation »

- **More powerful** with the same air capacity,
- **Energy savings** (compressed air), compared to identical blowpipe diameter,
- **Less noise**,
- More **compact**,
- More **robust**.

**Yet more advantages in the
same AIRCHOC®**

 **Sisa
industry**

 **Standard
industry**

 **Standard
industrie**

Options and Accessories

► Nozzles

To get directional stability towards critical areas.

90° elbows



45° bevelled



Fish Tail



► Blowpipe

To link with the storage unit.

► Hanging Device

2 arched handle to be fitted on the structure (silo or hopper) wall.

► Safety and Control system

Pressure gauge, drain valve, stop valve.

► Filters and couplings to the air network

To filter dust particles in the air.
To lubricate the internal mechanism.

► Automatic control system

Up to 8 AIRCHOC® per control panel.
Network up to 240 AIRCHOC®.

► AIRCHOC® thermic Isolator

Total safety during maintenance procedures, protection against ingress of hot materials. Installation on existing or new blowpipes.



► Other accessories

- AIRSAFE®,
- Specific blowpipes with quick couplings,
- Air compressors and buffer vessels,
- Filter-drier lube units,
- Flow sensor and inter-locking devices.

► AIRCHOC® maintenance Kits





Electrofilter



Domestic waste incinerator - Boiler



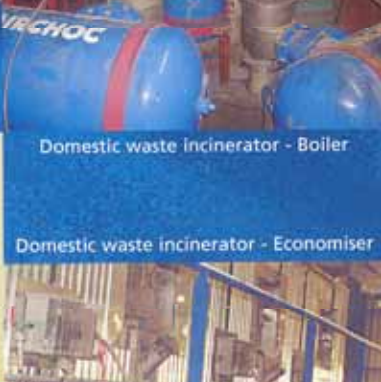
Power plant - Coal hopper



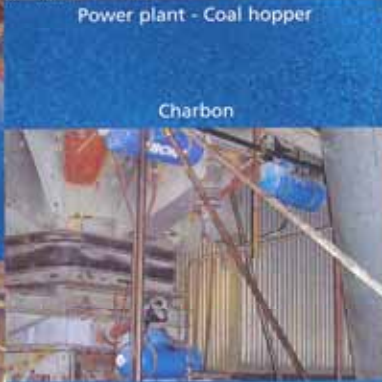
Quarry - Limestone



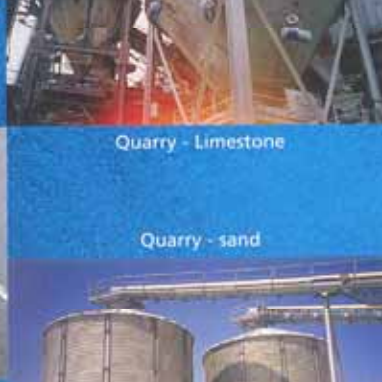
Incinération - Silo de cendres



Domestic waste incinerator - Economiser



Charbon



Quarry - sand

AIRCO

More than 100,000



Gas duct



Smoke box



Kiln inlet



Cyclone outlet



Gas duct



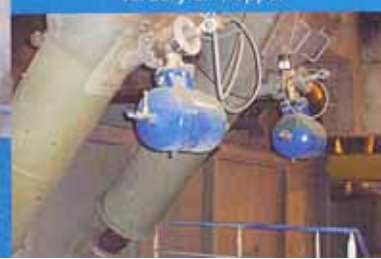
Tertiary air hopper



Kiln inlet



Kiln inlet





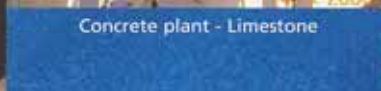
Polyester silo - Lime



Polyester silo - Lime



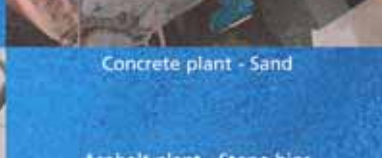
Concrete plant - Limestone



Concrete plant



Concrete plant - Sand



Asphalt plant - Stone bins



Food industry



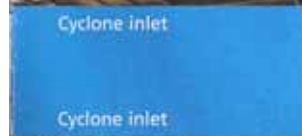
Feed industry

AIRCHOC


AIRCHOC® installed worldwide. References in c



Cyclone inlet



Cyclone inlet



Cyclone outlet



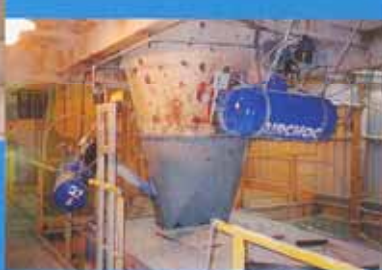
Burner pipe area




Gas duct



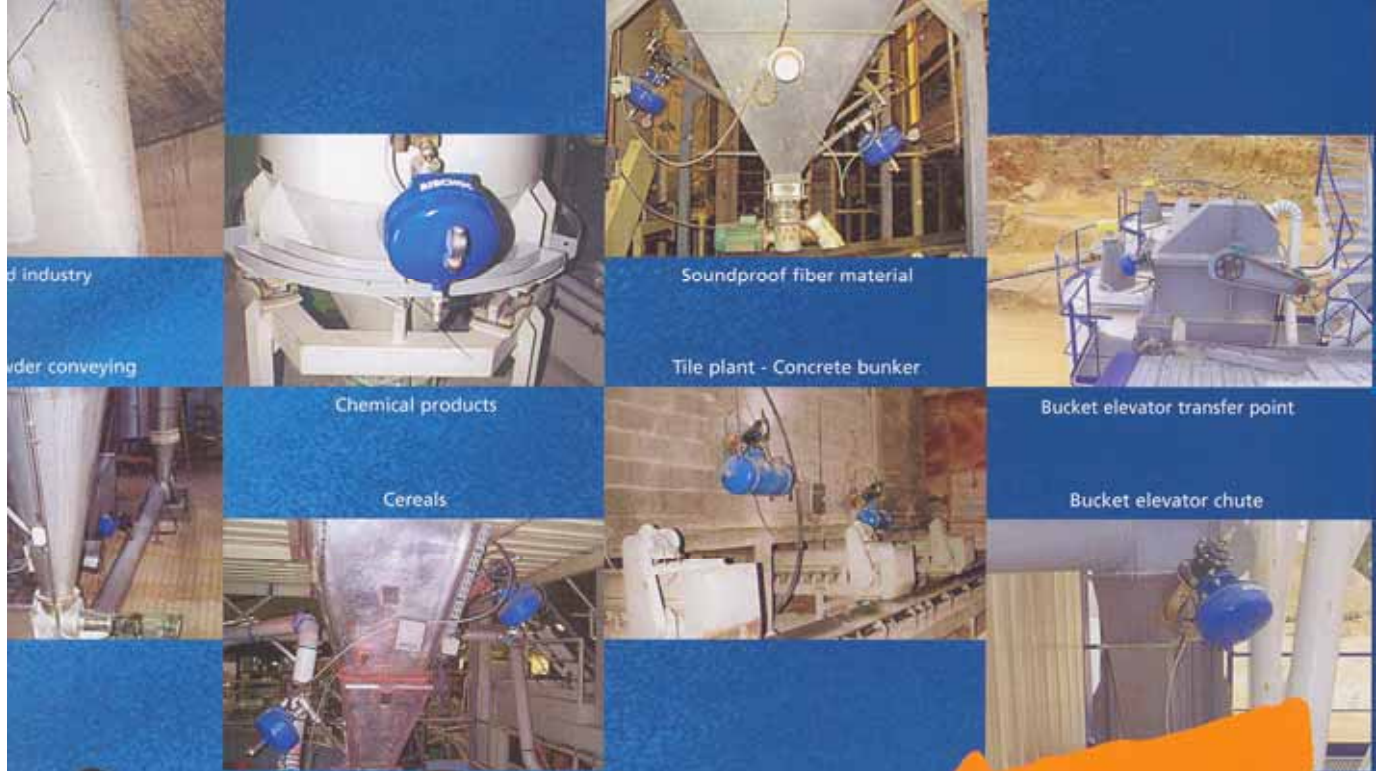
Cyclone outlet



Hopper - Gamma analyser



Slag hopper



ed industry

owder conveying

Chemical products

Cereals

Soundproof fiber material

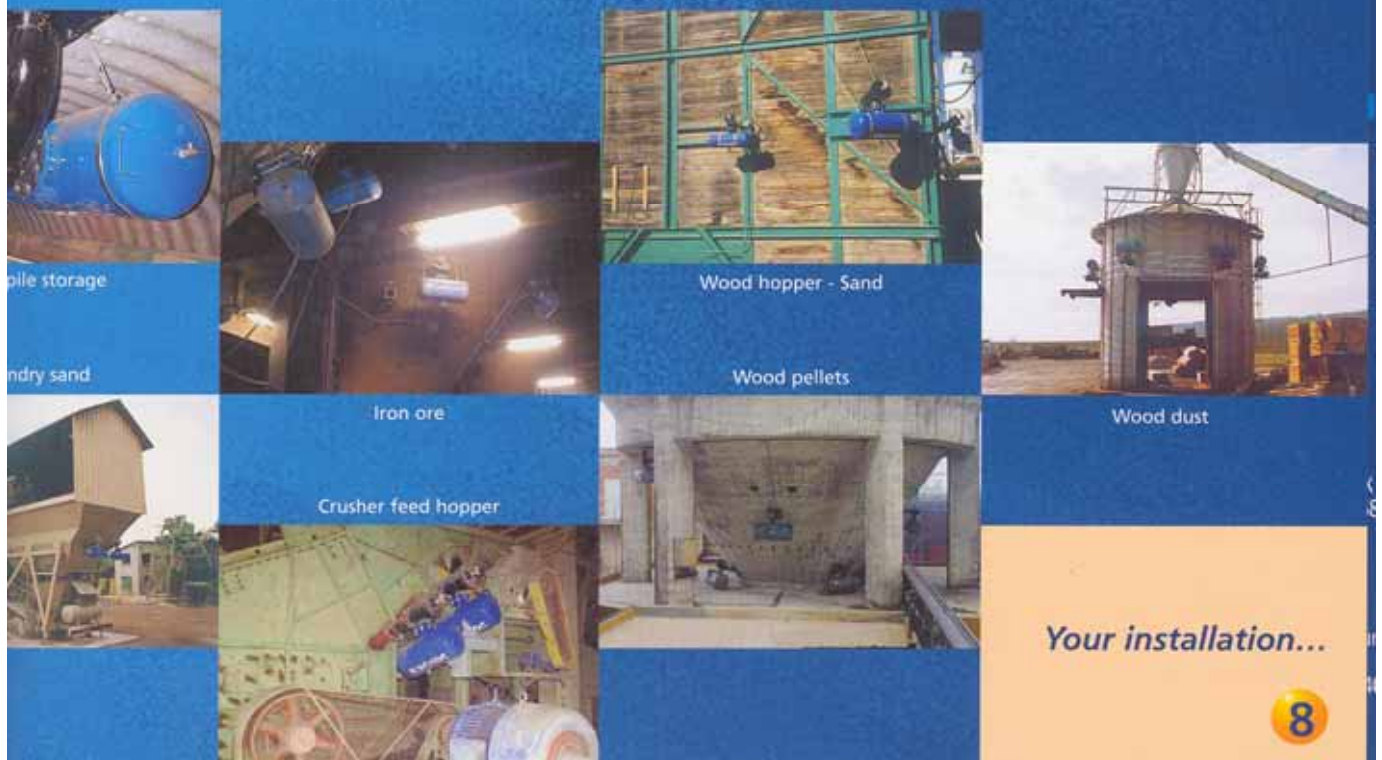
Tile plant - Concrete bunker

Bucket elevator transfer point

Bucket elevator chute



ver 90 countries...



obile storage

dry sand

Iron ore

Crusher feed hopper

Wood hopper - Sand

Wood pellets

Wood dust

Your installation...

We also manufacture

Industrial vacuum cleaning : Equipment - Services Rental



Safe silo cleaning GIRONET®



SOLIGOM® rubber buckets for elevators (a)

Obturator (b)

Antiblinding balls (c)



Bulk handling

Belt cleaners optimization LIFTUBE®



Primary and secondary belt cleaners

Ours customers

Cement works

Mines and quarries

Lime works

Steel & Coke works

Food & Feed industries

Chemical & Pharmaceutical industries

Power Plants

Glass works

Foundries

Ports & Terminals

Sugar Factories

Concrete and Asphalt Plants

Pipe, Tile & Block plants

Plaster industries

Rubber industries

Incinerators

...

Your worldwide industrial partner



Head Office

**28 years of
know-how
and experience**

French designer and manufacturer

Since 1978, we have been recommending and installing efficient aircannon installations, solving problems on a daily and worldwide basis. Our AIRCHOC® are entirely manufactured in our factories and tested according to current norms and obligations.

Innovation and evolution

- A capable and innovative R & D Department.
- Our know-how and knowledge of the various manufacturing processes help us design the best possible solutions to any problem.

Guaranteed quality and continuity

200 persons at your service.
Established worldwide.
ISO 9001 Quality.

Installation and Maintenance

Our fully trained technical teams are the guarantee of a total customer satisfaction.
Possibility of turnkey installations.

Guaranteed Result

Each solution is unique and tailor-made, backed up by a personalised technical feasibility study.

Certified Training and Formation Centre

The IFSI, (Standard Industrie's Training Centre) delivers a unique program with 3 different modules specifically designed to suit the needs of your industry.

Upgrade and Conversion of your existing equipment

Whatever the make and brand, we can convert, upgrade and modernize your aircannon installation.

The AIRCHOC® 5 Global Solution
From advice to on-site training :

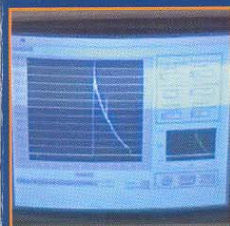
- **Consultancy**
- **Engineering**
- **Equipment**
- **Installation**
- **Maintenance**
- **Legal requirements and information**
- **Training services (IFSI)**



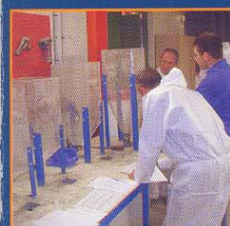
Welding robots



R & D Department



AIRCHOC® Test lab



Training



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