



1925



80



17m

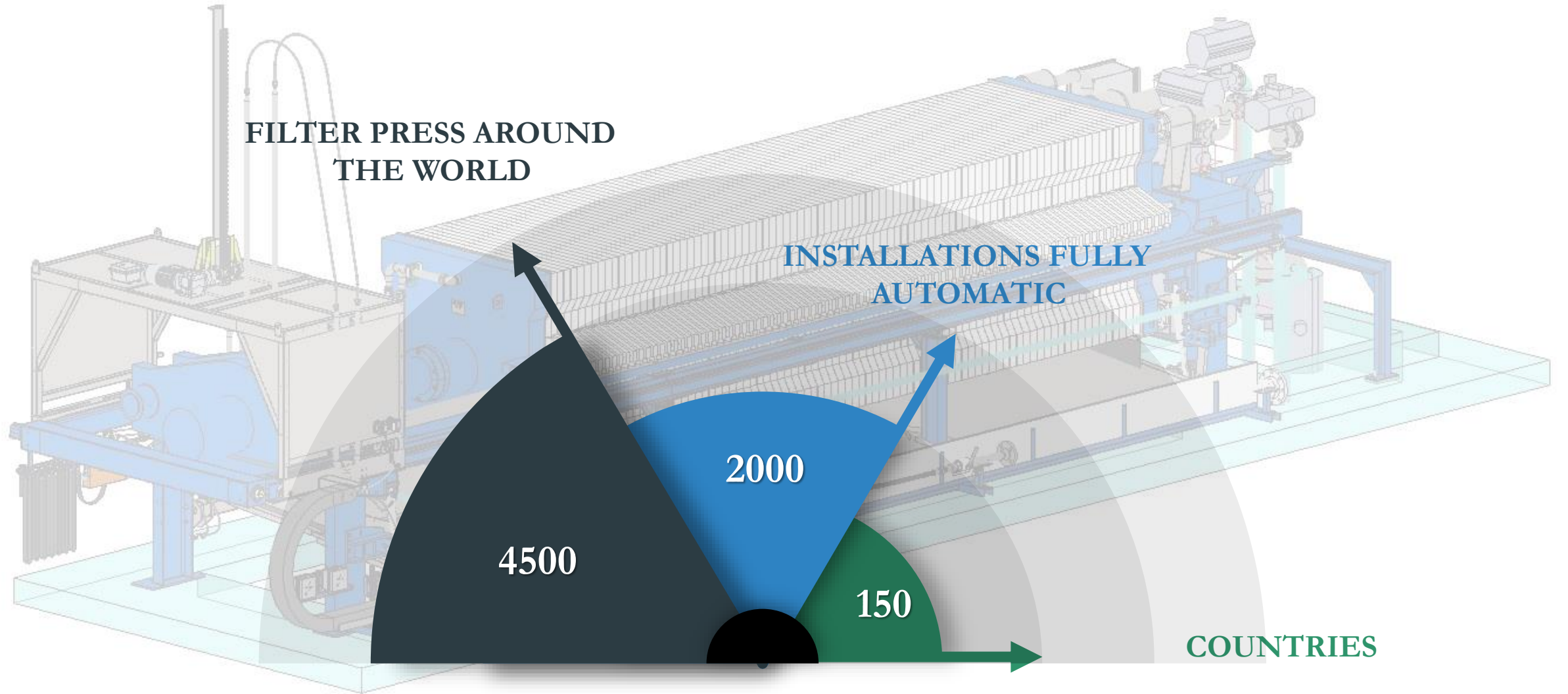


70%

CHOQUENET

Presentation

ABOUT US



OUR MEANS

**COMMERCIAL
SERVICE**

**HR
& ACCOUNTS**

**R&D AND
LABORATORY**

**ENGINEERING
OFFICE**

**PROCUREMENT
& WAREHOUSE**

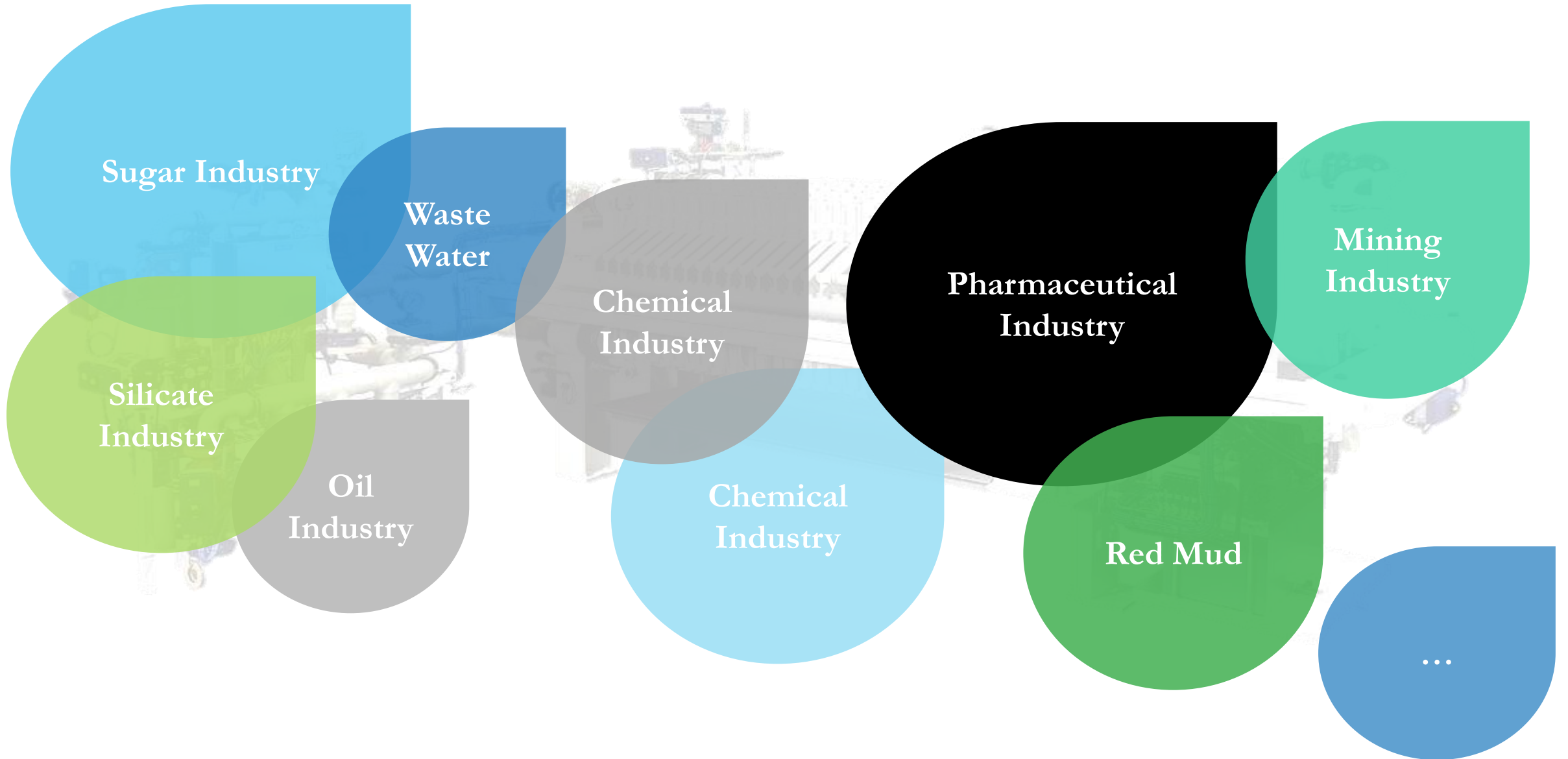
**INTERNAL
WORKSHOP**

**AFTER SALES
SERVICE &
MAINTENANCE**

**FILTER PRESS
LOCATION**



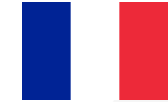
WHAT WE DO



WORLDWIDE PRESENCE



LESAFFRE
WESTECH



Tereos
VEOLIA
SUEZ
Rhodia
nyrstar
NATUREX
RENAULT
SANOFI
cmi
CMI INDUSTRY Environment
AJI
AJINOMOTO



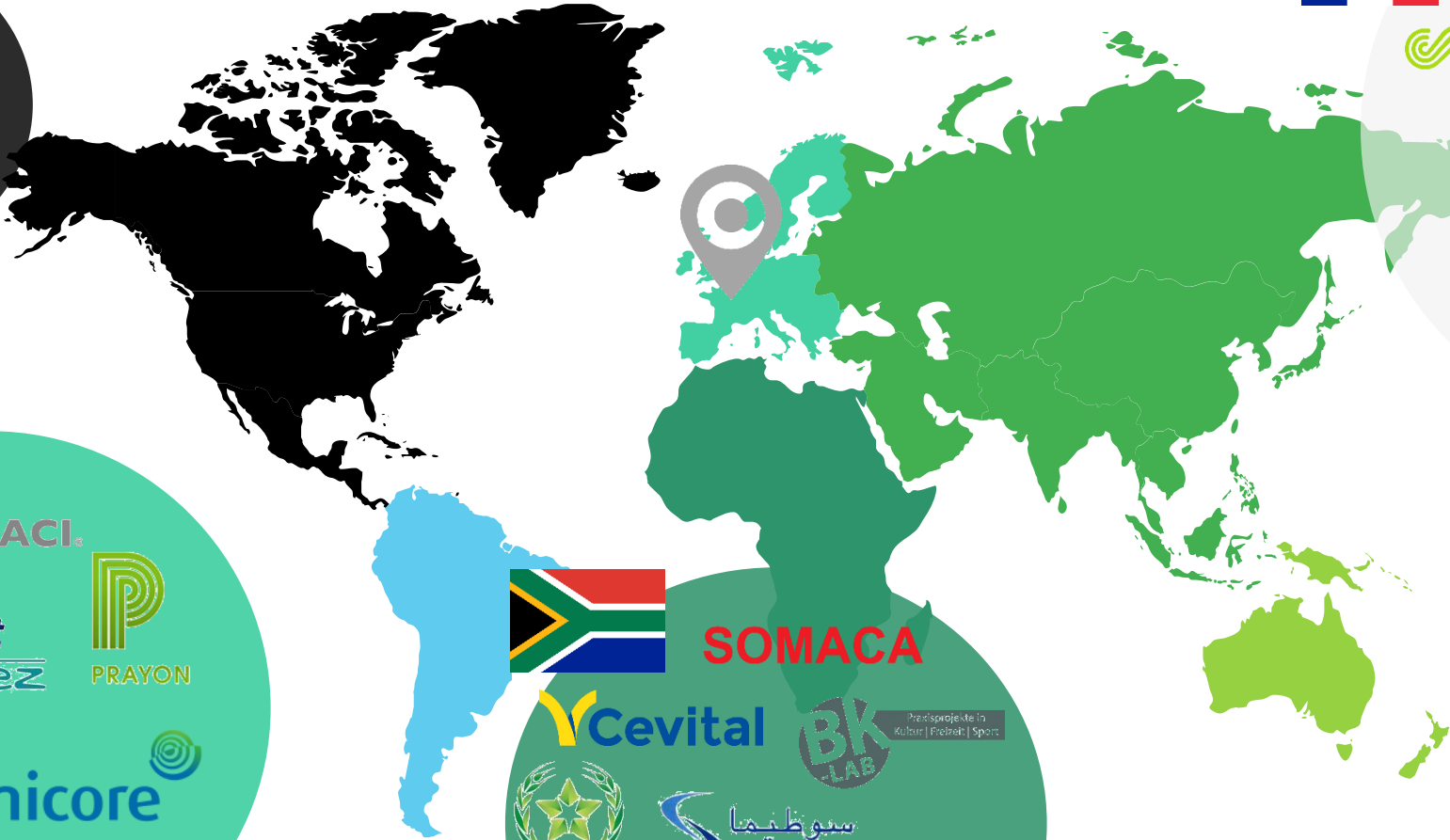
SADACI
Degremont
SUEZ
PRAYON
De Smet Contractors France
umicore
PAUL WURTH



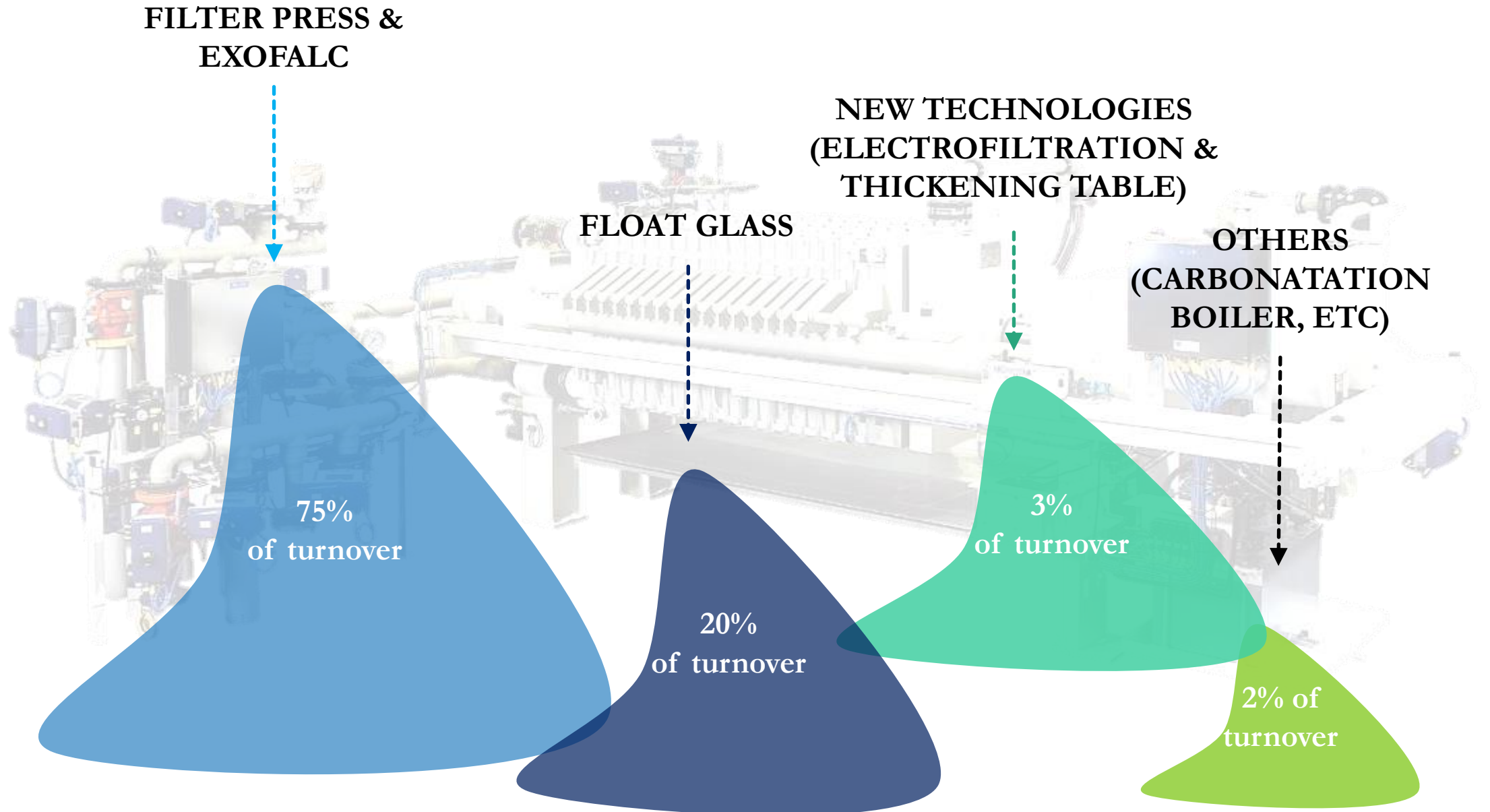
SOMACA
Cevital
BK LAB
OCP
Sothema
MANAGEM
COSUMAR



SR STEVIN ROCK
السكر
AL KHAUFJ SUGAR
ISGEC



OUR ACTIVITIES





FILTER PRESS

Global description

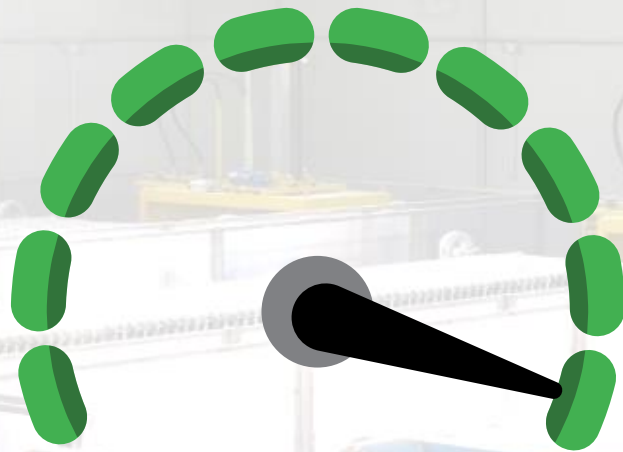
FILTER PRESS RANGE



SIZE 250 x 250

19 L

2 m² of filtering surface



SIZE 2500 x 2500

61 500 L

3 300 m² of filtering surface



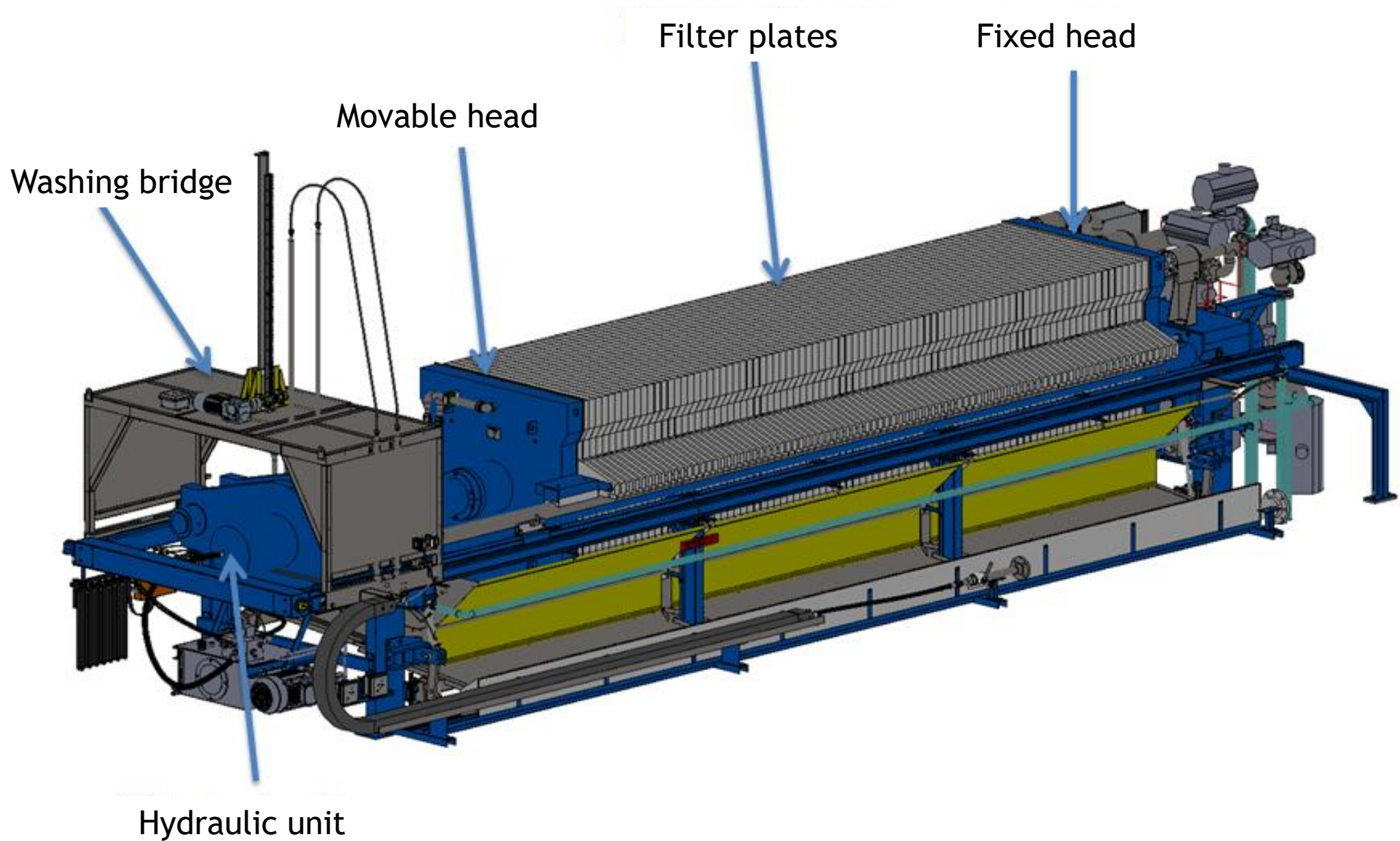
Manual or 100% automatic operation



Designed and manufactured by CHOQUENET

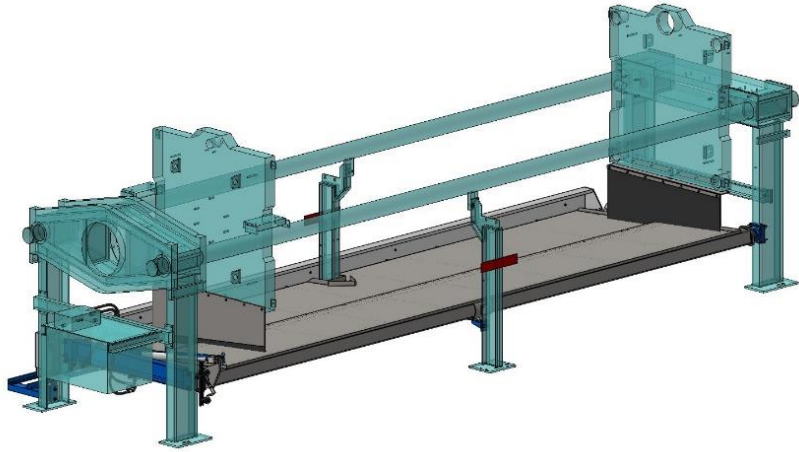


FILTER PRESS STANDARD



FILTER PRESS STANDARD

Closing system

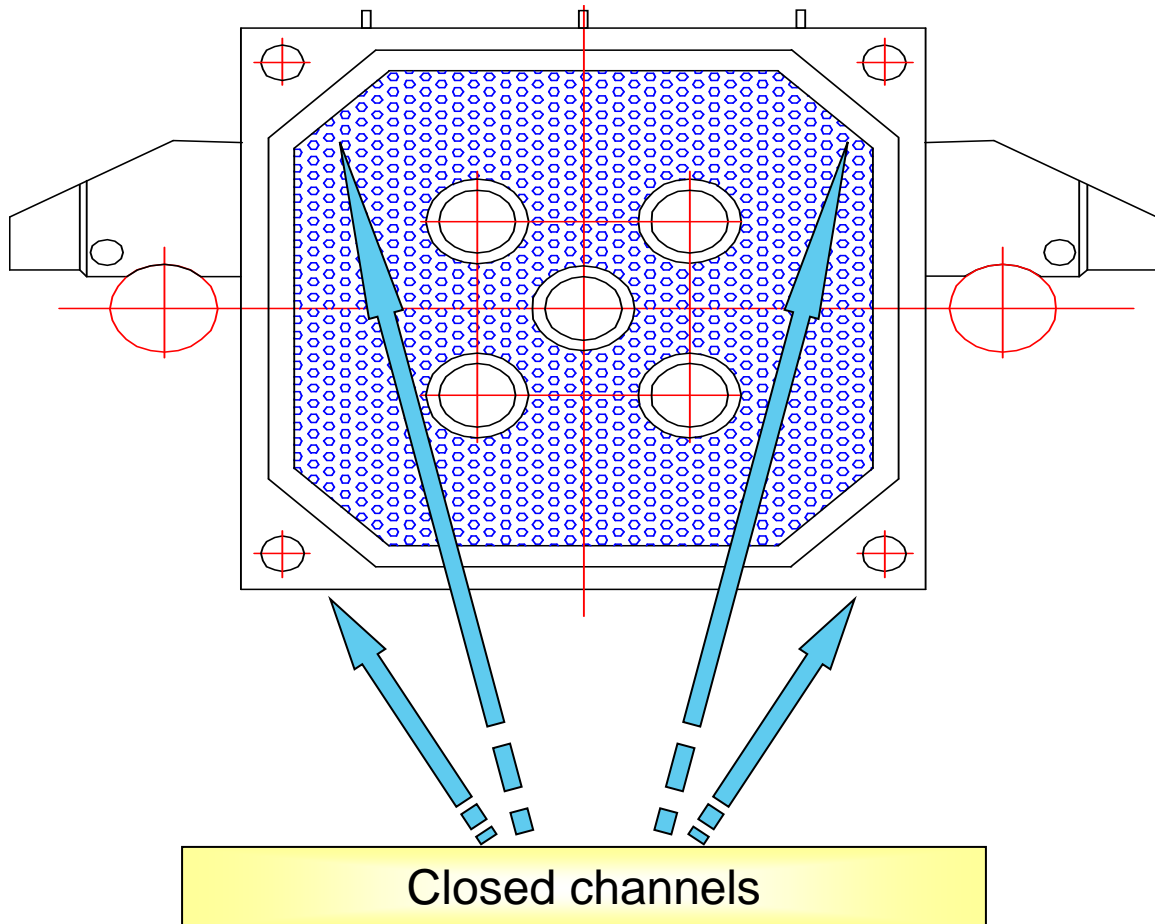


Cylinder

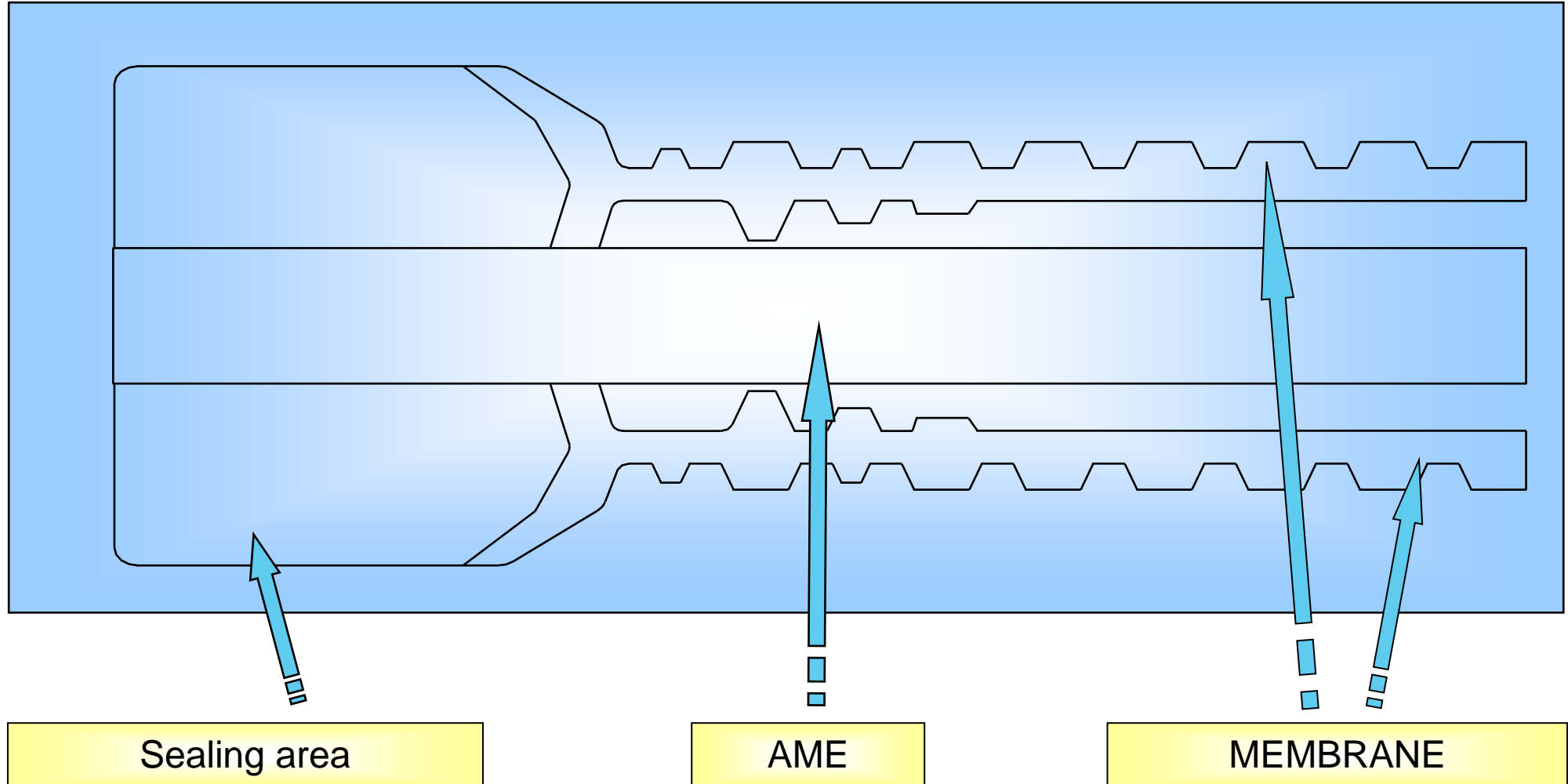


Power unit

Chamber plate



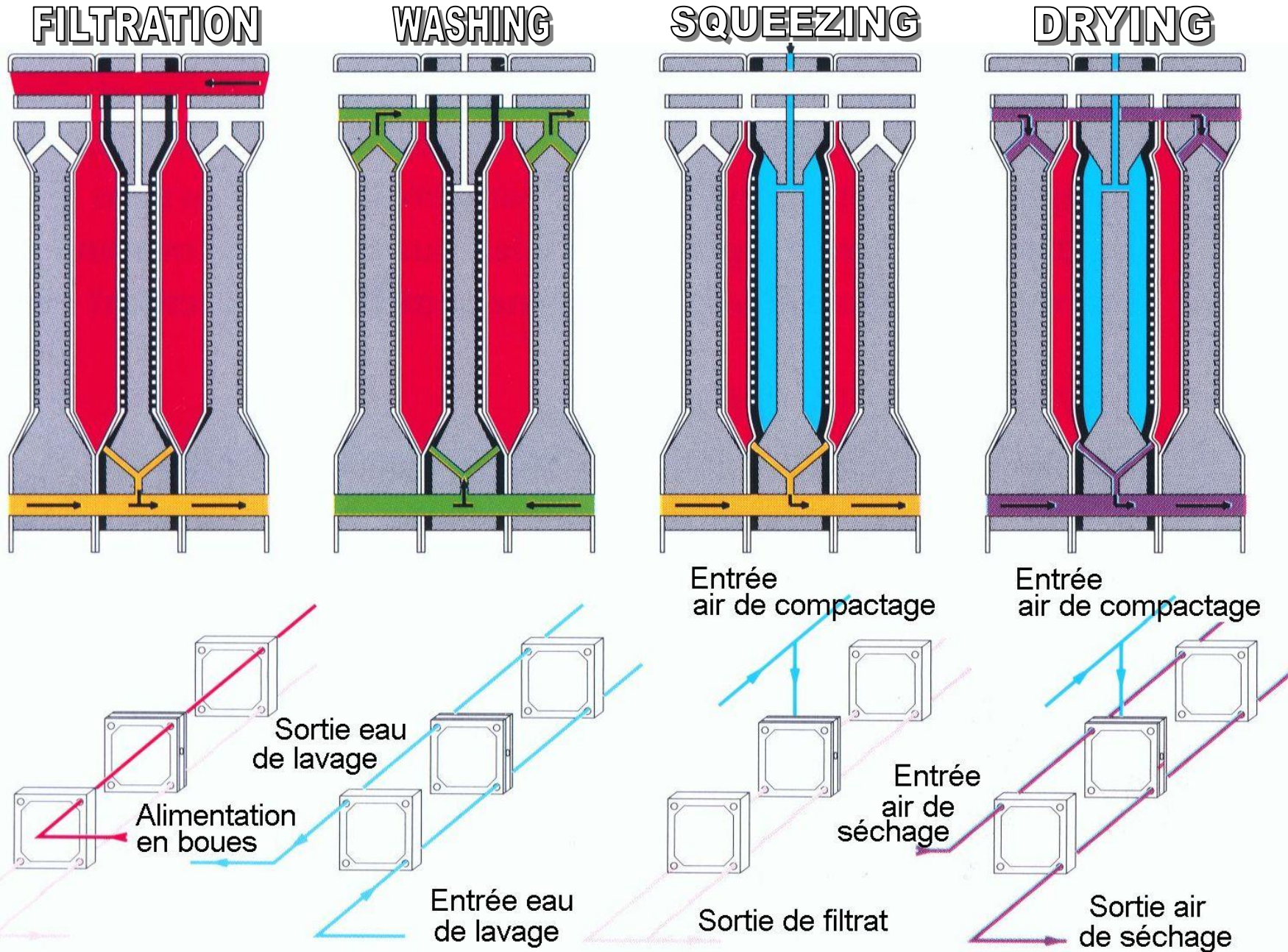
Membrane plate





FILTER PRESS Process

FILTER PRESS - PROCESS



PROCESS OF FILTRATION





FILTER PRESS

Options

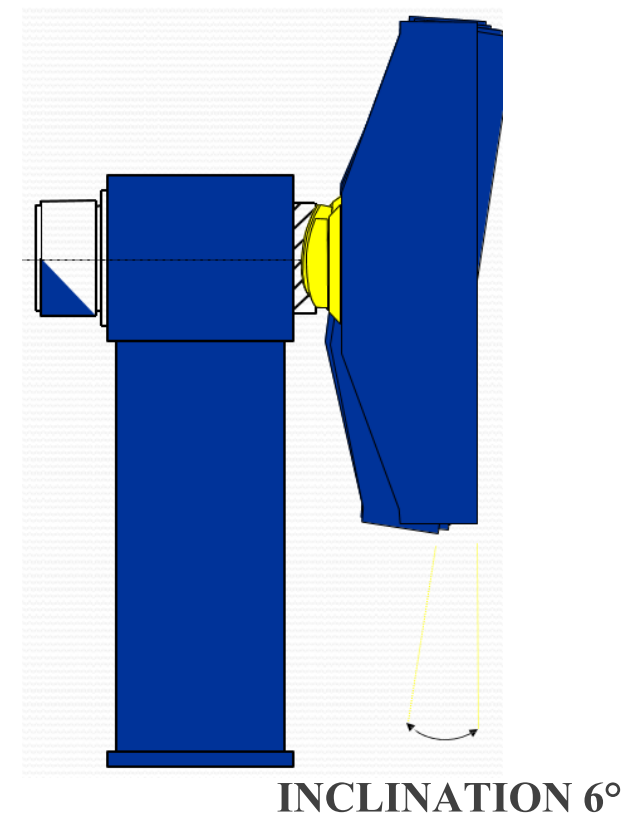
FILTER PRESS OPTIONS

AN ARTICULATED FIXED HEAD TO COMPENSATE THE NATURAL DIRTYING OF THE BOTTOM SEALING AREAS



REDUCTION OF :

- leakages
- cloth damages
- cloth washings
- juice losses



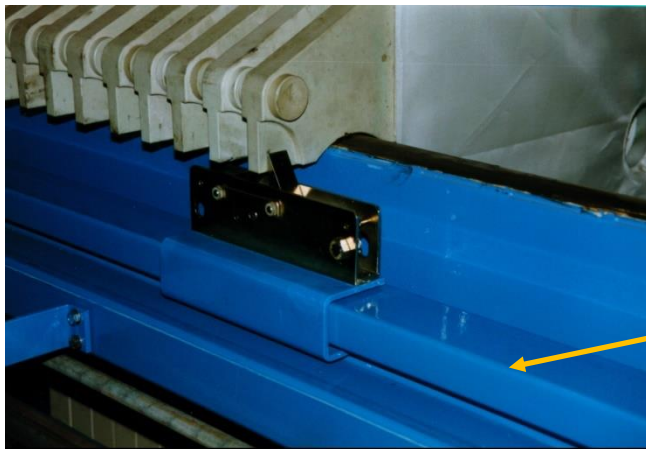
FILTER PRESS OPTIONS

THE CAKE DISCHARGE SYSTEM

Plate shifting shaft
protecting guard



**THE PLATE SHIFTING
SYSTEM ENABLES THE
PLATE MOTION WHILE
AVOIDING THAT THE CAKE
GETS STUCK IN THE
CHAMBER OR ON THE
SEALING AREA**



Secure system for the
operation

Chain live time increase

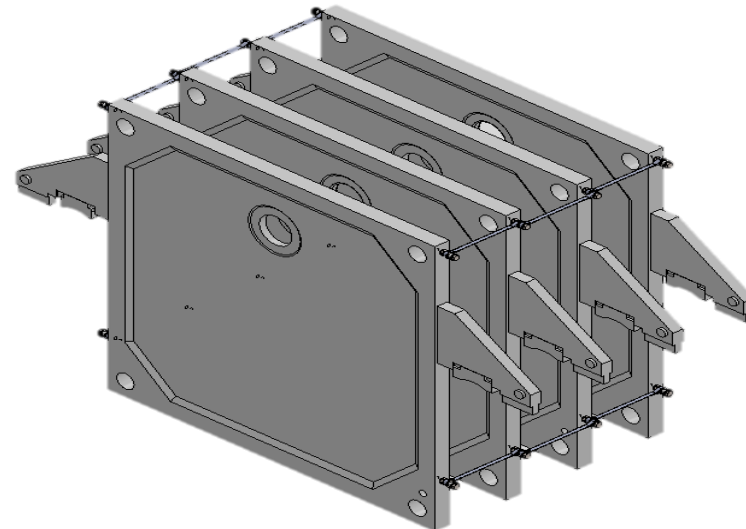


FILTER PRESS OPTION 1

PLATES AND SUPPORTS

FLEXIBLE CONNECTION

- ❑ Sliding blocks
- ❑ Locking carriages
- ❑ Plate motion two by two
- ❑ Two rounds supports side bars



Automatic Plates shifting 1x1
with normal speed

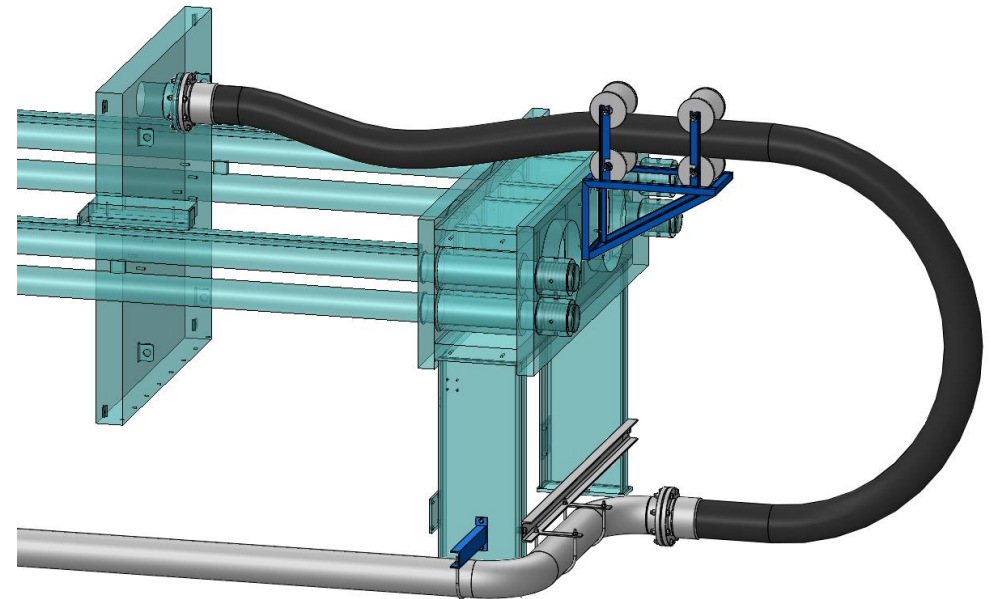
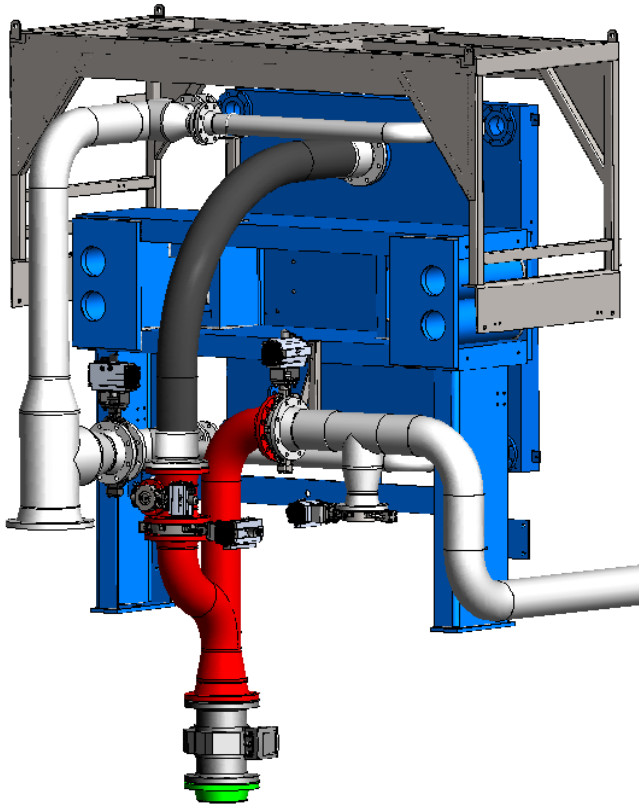


Automatic Plates shifting 2x2 or 4x4 with
high speed

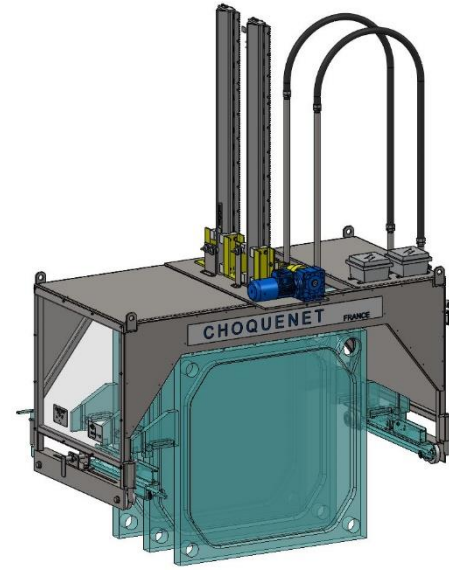


Filter press options 2

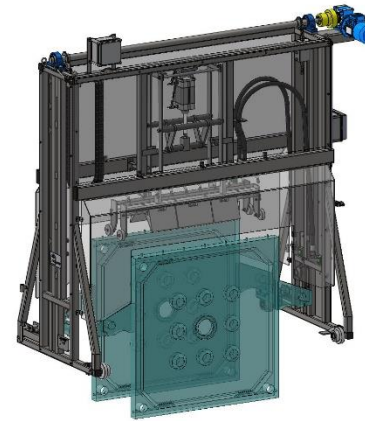
Flexible pipes/Double sides feeding



FILTER PRESS OPTION 3



Washing bridge



Washing & plate shifting bridge

The filter press is completely protected. Plates are washed two by two. Washing time lasts 40 minutes.



FILTER PRESS OPTION 3



FILTER PRESS OPTION 2

SECURED AND AUTOMATIC CLOTH WASHING SYSTEM



- ❑ Filter press completely protected
- ❑ System with torque limiter
- ❑ Plates are washed two by two
- ❑ Washing time : about 40 min

FILTER PRESS OPTION comparing

	Option 1 - sliding blocks	Option 2 - scrapper
Cycle time		
Cakes number	46 cakes	78 cakes
Filtration area	226 m ²	384 m ²

FILTER PRESS SAFETY UNIT

Alignment check



FILTER PRESS OPTION

Lifting system



FILTER PRESS OPTIONS

Personnal security and protection



Hanging panels



Fixed panels

FILTER PRESS OPTIONS

Personnal security and protection



Light curtain

Electrical cabinet



Control PLC with
automation
(Siemens, Schneider,
Rockwell, Allen
Bradley etc)



FILTER PRESS Maintenance

FILTER PRESS MAINTENANCE

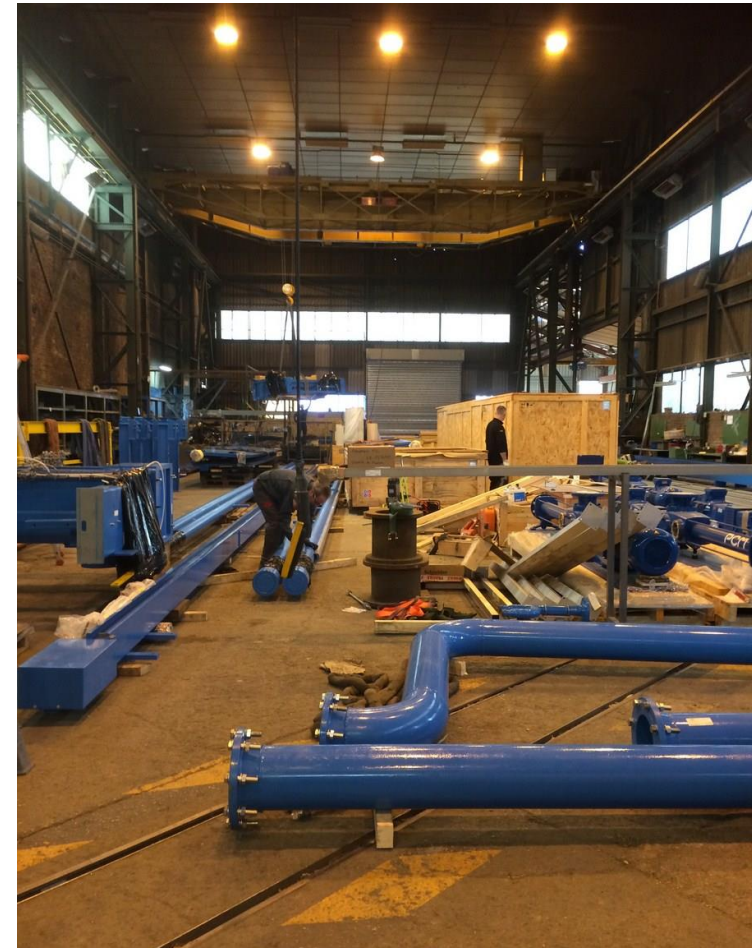
Equipment	Action
Filter cloth	Every 3 000 cycles or every year
Plates	Every 10 000 cycles
Hydrolic unit	
Oil/ Seal	Every year
Chain control	1 per month

WARRANTY

Equipment norme CE

CE

The filter press can be send in one piece or dispatch



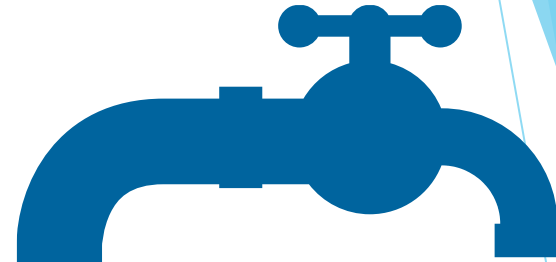
Filter-press Benefits



- Using less energy than necessary on water filtration process to extract high quality water content compare to other process
- Higher final dryness and better water saving compare to other process (final dryness from 80 to 95% depend on the product)
- Short ROI period - between 2-4 years customers make their investment back from Choquenet

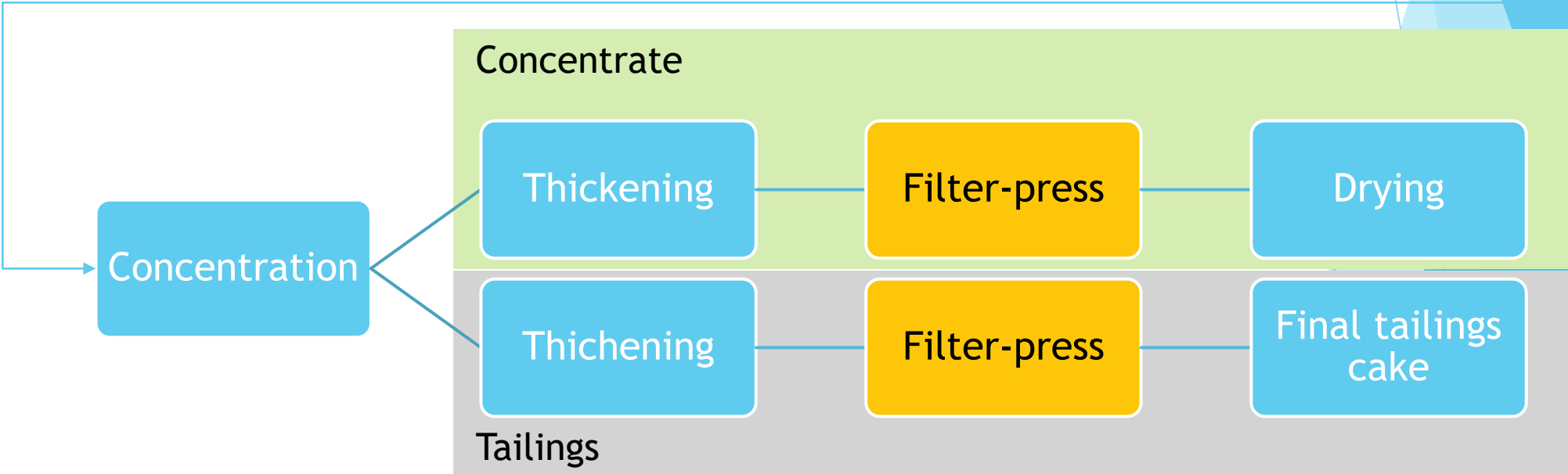
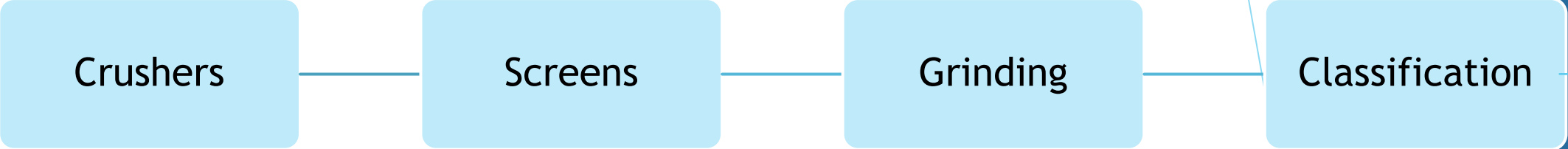
CHOQUENET Benefits

- In-house supply chain - greater quality assurance and quick turnaround times
- Durable or robust enough in design machine
- Process warranties with lab test and process expert support
- After sales support - provide predictive maintenance expertise and support to ensure the processing plant understands the machine to minimize downtime



Simple mining process

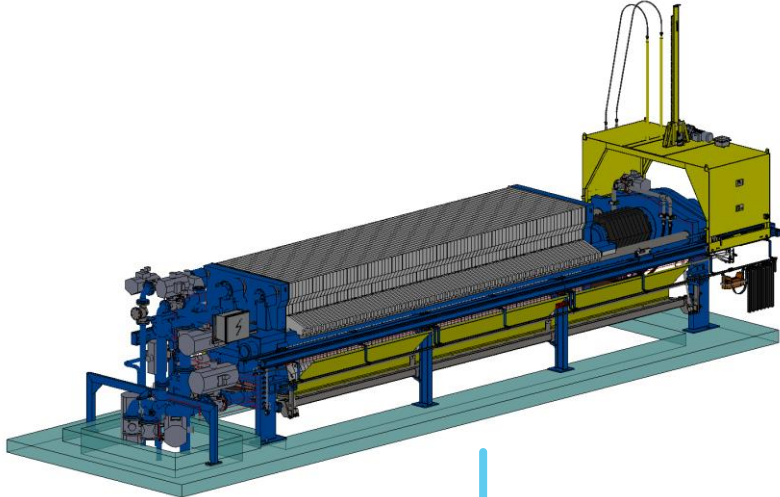
//// //// //// //// //// Flow sheet



Use Cases

//// //// //// Water saved

Sludge
45% dryness
400 m³/h



Water
200 m³/h
CAN BE REUSED

With a water at 2€/m³
ROI: 3,7 years

Cake
75% dryness
200 m³/h

