

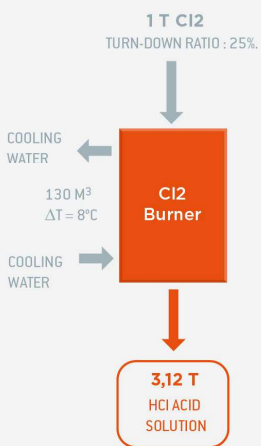
# SINTACLOR ECO&FLEX

3<sup>rd</sup> GENERATION OF MERSEN HCl SYNTHESIS UNIT

AN ADVANCED TECHNOLOGY TO IMPROVE ENERGY EFFICIENCY  
AND FINE-TUNED TO EACH CUSTOMER NEED/SATISFACTION

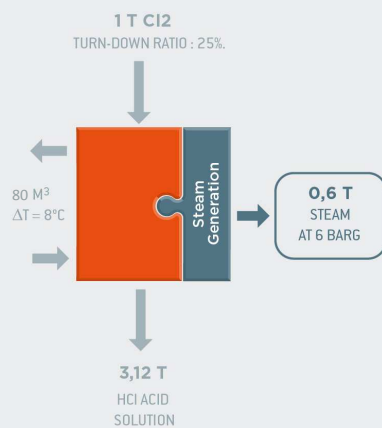
Référence: F06\_2\_E

## SINTACLOR® I HCl Synthesis Unit



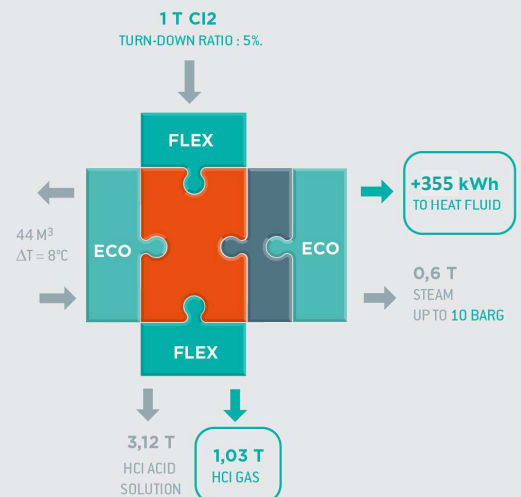
1960

## SINTACLOR® II With Steam Generation



1990

## SINTACLOR® III Eco & Flex



2015



ECO&FLEX CONCEPT CAN BE PLUGGED  
ON OLD SINTACLOR®

# SINTACLOR® ECO&FLEX

3<sup>RD</sup> GENERATION OF HCl SYNTHESIS UNIT

Economic

Ecological

Flexible

THE BEST AVAILABLE SOLUTION  
TO REDUCE OPEX, CAPEX AND  
CARBON FOOTPRINT



**BOOST HEAT  
RECOVERY**

TO RECOVER  
800 KWH PER  
TON OF BURNED  
CHLORINE



**LESS WATER  
CONSUMPTION**

REDUCE THE  
COOLING WATER  
CONSUMPTION  
BY 65%



**SELECT YOUR  
END-PRODUCTS**

1. HYDROCHLORIC  
ACID (HCl LIQUID)
2. HYDROGEN  
CHLORIDE (HCl GAS)
3. BOTH AT THE  
SAME TIME



**FULL RANGE  
PRODUCTION  
CAPACITY**

PERFECT  
INTEGRATION IN  
YOUR PLANT WITH  
A 5% TURN-DOWN  
RATIO

Capacity range : from 2 to 180 t/d on 100% HCl basis

[WWW.MERSEN.COM](http://WWW.MERSEN.COM)

**MERSEN**  
Expertise, our source of energy

eurol  
**chlor** 17.

Launched during 10th Technology  
Conference & Exhibition  
16-18 May 2017, Berlin

Processtechno.ace@mersen.com