

NUESTRO COMPROMISO CON LA CALIDAD

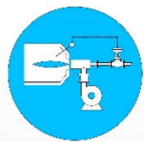
En Ingeneo, la calidad es el eje sobre el que desarrollamos nuestros proyectos.

Nuestro objetivo es alcanzar la excelencia en todos y cada uno de los aspectos que envuelven nuestro trabajo y la satisfacción de nuestros clientes.

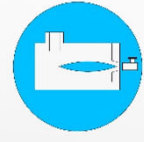
OUR COMMITMENT TO QUALITY

In Ingeneo, quality is the axis in which we develop our projects.

Our goal is to achieve excellence in each and every one of the aspects that involve our work and the satisfaction of our customers.



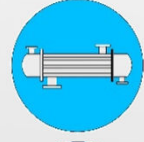
EQUIPOS DE COMBUSTIÓN
COMBUSTION EQUIPMENT



HORNOS INDUSTRIALES
INDUSTRIAL KILNS



INCINERACIÓN/CREMACIÓN
INCINERATION/CREMATION



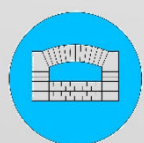
RECUPERACIÓN DE CALOR
HEAT RECUPERATOR



TRANSPORTE Y MANIPULACIÓN DE SÓLIDOS
SOLIDS CONVEYING AND HANDLING



SOLUCIONES DE VAPOR
STEAM SOLUTIONS



MATERIALES REFRACTARIOS
REFRACTORY MATERIALS



DEPURACIÓN DE GASES
FLUE-GAS CLEANING

INGENEO

Solving Industrial Challenges

DEPURACIÓN DE GASES
FLUE-GAS CLEANING

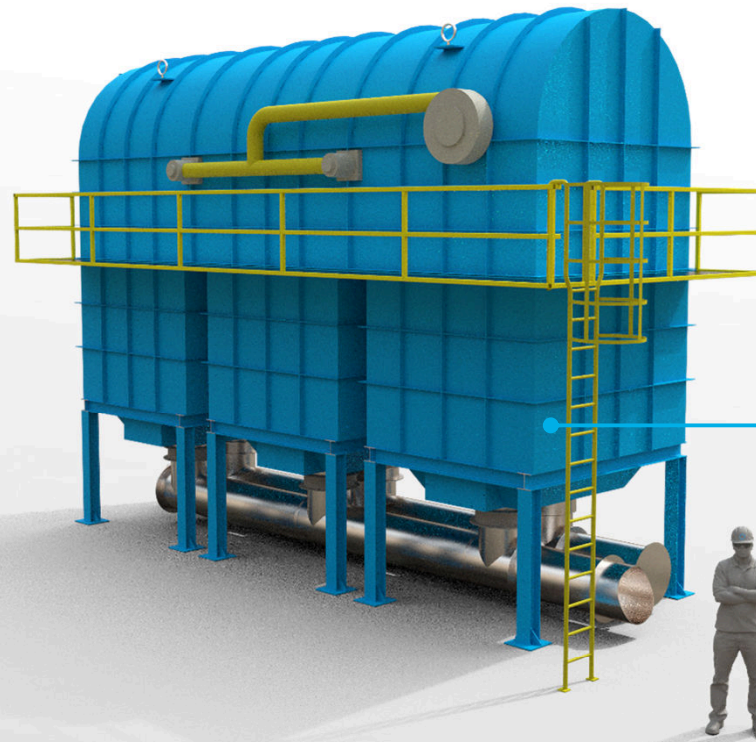
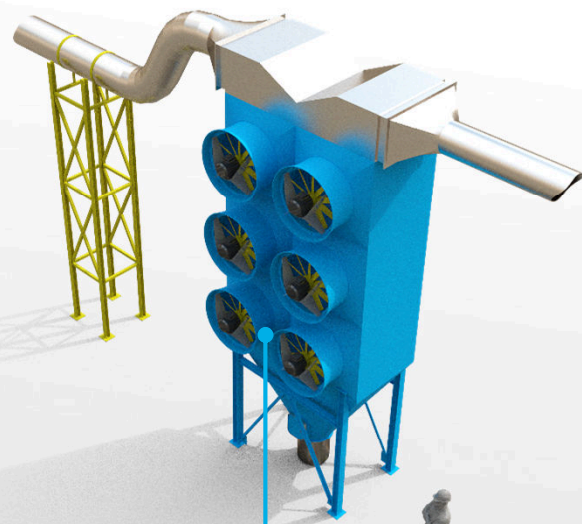
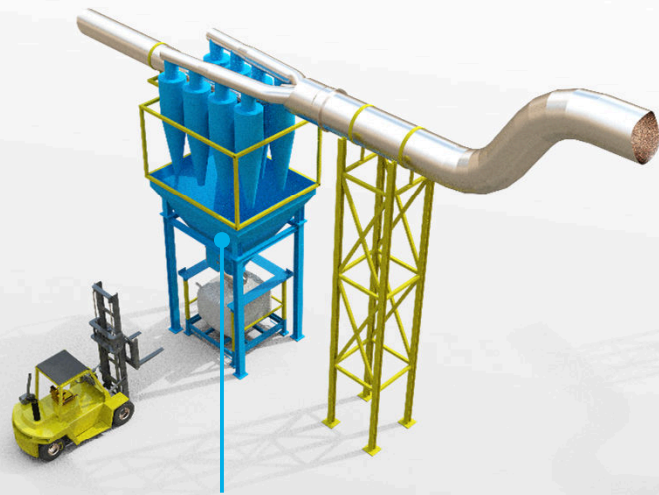
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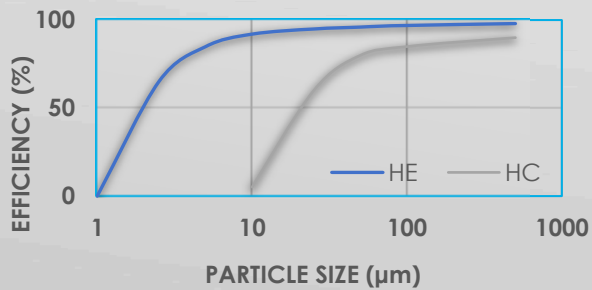
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🌐 www.ingeneo.tech



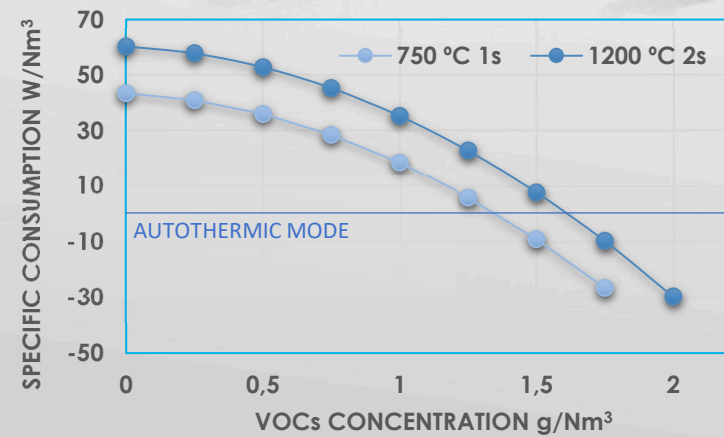
CYCLONE SEPARATORS	SUITABLE FOR
MCSXXX/HE	500 – 50.000 m ³ /h
MCSXXX/HC	2000 – 200.000 m ³ /h

OPTIONS:
HT → Up to 1200 °C, **HC** → High capacity
HE → High efficiency



GAS COOLERS	SUITABLE FOR
HGCXXX	500 – 200.000 m ³ /h

OPTIONS:
HT → Up to 1200 °C

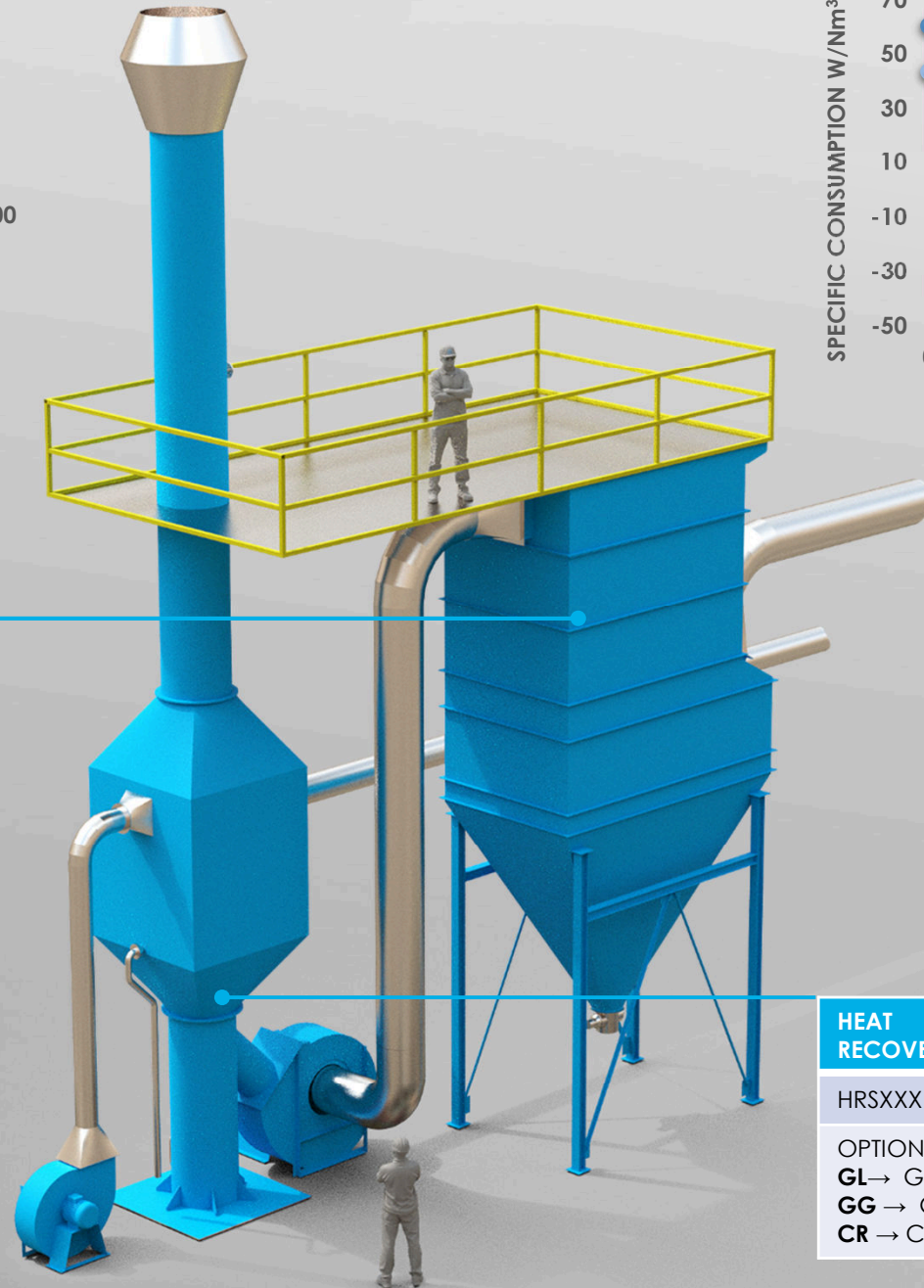


REGENERATIVE THERMAL OXIDIZERS	NET VOLUME	MAX FLOW AT 750°C 1 seg	MAX FLOW AT 1200 °C 2 seg
RTO40/3	4 m ³	3800 Nm ³ /h	1300 Nm ³ /h
RTO50/3	5 m ³	4800 Nm ³ /h	1600 Nm ³ /h
RTO63/3	6,3 m ³	6000 Nm ³ /h	2100 Nm ³ /h
RTO80/3	8 m ³	7600 Nm ³ /h	2800 Nm ³ /h
RTO100/3	10 m ³	9600 Nm ³ /h	3300 Nm ³ /h
RTO125/3	12,5 m ³	12000 Nm ³ /h	4200 Nm ³ /h
RTO160/3	16 m ³	15300 Nm ³ /h	5300 Nm ³ /h
RTO200/3	20 m ³	19000 Nm ³ /h	6700 Nm ³ /h
RTO250/3	25 m ³	24000 Nm ³ /h	8300 Nm ³ /h
RTO320/3	32 m ³	30700 Nm ³ /h	10600 Nm ³ /h
RTO400/3	40 m ³	38000 Nm ³ /h	13300 Nm ³ /h
RTO500/3	50 m ³	48000 Nm ³ /h	16700 Nm ³ /h
RTO630/3	63 m ³	60500 Nm ³ /h	21000 Nm ³ /h
RTO800/3	80 m ³	76800 Nm ³ /h	26700 Nm ³ /h
RTO1000/3	100 m ³	96000 Nm ³ /h	33400 Nm ³ /h
RTO1250/3	125 m ³	120000 Nm ³ /h	41700 Nm ³ /h
RTO1600/3	160 m ³	150000 Nm ³ /h	53400 Nm ³ /h

OPTIONS:
3 → Regenerators units (2, 3, 4...)
HC → Honeycomb, **RP** → Random pack, **CF** → Ceramic fiber,
HA → High alumina bricks, **CR** → Catalytic regenerator etc..

BAG FILTERS	FILTERED AREA	SUITABLE FOR (*)
BF50/8	50 m ²	3000 m ³ /h
BF65/8	65 m ²	3900 m ³ /h
BF120/12	120 m ²	7200 m ³ /h
BF150/12	150 m ²	9000 m ³ /h
BF170/12	170 m ²	10200 m ³ /h
BF200/12	200 m ²	12000 m ³ /h
BF250/12	250 m ²	15000 m ³ /h
BF320/12	320 m ²	19200 m ³ /h
BF400/12	400 m ²	24000 m ³ /h
BF630/15	630 m ²	37800 m ³ /h
BF800/15	800 m ²	48000 m ³ /h
BF1000/15	1000 m ²	60000 m ³ /h
BF1200/15	1200 m ²	72000 m ³ /h
BF1600/20	1600 m ²	96000 m ³ /h
BF2000/20	2000 m ²	120000 m ³ /h

• Standard ratio 1 m³/m² min
 OPTIONS:
12 → bags length (6,8,12,15 ft...)
HT → Up to 900°C (Ceramic elements)
CF → Catalytic ceramic elements
OFL → Offline clean mode,
IS → Isolated, **EX** → ATEX,



INGENEO

FLUE GAS CLEANING SYSTEMS

Engineering together a better world

HEAT RECOVERY	ENERGY RECOVERY	GAS FLOW	LIQUID FLOW
HRSXXX	50 – 10000 kW	1000 – 50000 Nm ³ /h	1 – 50 m ³ /h

OPTIONS:
GL → Gas/liquid exchange
GG → Gas/gas exchange
CR → Condensate recovery (Phase change)



REACTIVE DOSING SYSTEM	CAPACITY
RDS0200	4 – 200 dm ³ /h
RDS1000	20 – 1000 dm ³ /h
RDS2500	50 – 2500 dm ³ /h

OPTIONS:
BD → Big bag discharge
SD → Silo discharge (5, 10, 15, 20 m³ ...)
PT → Pneumatic transport etc..
 Suitable for: CaCO₃, Ca(OH)₂, CaO,...