

References Heat ReCovery Systems (HRC)

Company	Process	System	Crude Gas m ³ /h	Operating Temp.	Type	MW
Panel Plus Hatyai (Thailand)	Aerosols, hydrocarbons solids, formaldehyde and odours from chip dryer	Quench, Wet Absorber, Vertical Wet Type ESP with recovery for depluming	182,000	66.0	W/W W/L	2.5 2.5
VMG Industry Mogilev (Belarus)	Aerosols, hydrocarbons solids, formaldehyde and odours from chip dryer	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction	140,000	78.2	W/W	2 x 1.5
VMG Naujoji Akmenė (Lithuania)	Aerosols, hydrocarbons solids, formaldehyde and odours from chip dryer	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction	350,000	77.9	W/W	2 x 2.5
EGGER Biskupiec (Poland)	Aerosols, hydrocarbons solids, formaldehyde and odours from MS and DS chip dryers	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction -DUAL SYSTEM-	595,000	73.2	WW	2 x 5.0
SWISS KRONO Żary (Poland)	Particles, formaldehyde, hydrocarbons and VOCs from MDF dryer	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction and biological water treatment	870,000	52/32	W/W W/L	2 x 2.0 0.395
Tanne Suwałki (Poland)	Aerosols, hydrocarbons solids, formaldehyde and odours from chip dryer	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction	328,732	72	W/L W/W W/W	2.5 6.0 6.0
EGGER Beschichtungswerk Bevern (Germany)	Aerosols, hydrocarbons solids, formaldehyde and odours from MDF drier and press	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction	240,305	49	W/L	2 x 1.1
Swedspan Slovakia s.r.o. Malacky (Slovakia)	Aerosols, hydrocarbons solids, formaldehyde and odours from a chip drier	Quench, Wet Absorber, Vertical Wet Type ESP with heat extraction	300,340	74.6	W/W	3.0
TISCO Taiyuan (China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system, catalyser with urea	15,000	30/350		
TISCO Taiyuan (China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system, catalyser with urea	15,000	30/350		
TISCO Taiyuan (China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system, catalyser with urea	25,000	30/350		
Swedspan Sweden Hultsfred (Sweden)	Aerosols, hydrocarbons solids, formaldehyde and odours from two chip driers	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	443,568	72.5	W/W	2 x 3.0
Kastamonu Entegre A.S. Gebze (Turkey)	Aerosols, hydrocarbons solids, formaldehyde and odours from a chip drier	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	375,000	68.4	W/W W/G	1.4 1.4
PROLEMN SA Reghin (Romania)	Aerosols, hydrocarbons solids, formaldehyde and odours from chip drier and press	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	466,362	69.1	W/W	2 x 1.8
EGGER Energia S.R.L. Radauti (Romania)	Aerosols, hydrocarbons solids, formaldehyde and odours from two OSB driers	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	599,558	73.1	W/W	2 x 5.0

References Heat ReCovery Systems (HRC)

Company	Process	System	Crude Gas m ³ /h	Operating Temp.	Type	MW
Jiuquan Iron & Steel (II) Jiuquan (China)	NOx reduction for a pickling plant for stainless steel panels	Heat exchanger, heat-up system, catalyser with urea	14,000	30/350		
Swedspan France Lure (France)	Aerosols, hydrocarbons solids, formaldehyde and odours from two chip driers	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	440,582	75.8	W/W	2.0
Benxi Iron & Steel Dan Dong (P. R. China)	NOx reduction of a metal pickling plant	Heat exchanger, heat-up system, catalyser with urea	10,000	30/350		
Rauch Spanplattenwerk Markt Bibart (Germany)	Aerosols, hydrocarbons, solids, formaldehyde and odours from a chip drier	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery system	151,000	72	W/W W/G	1.9 1.0
Jiuquan Iron & Steel (I) Jiuquan (P. R. China)	NOx reduction of a metal pickling plant	Heat exchanger, heat-up system, catalyser with urea	22,000	30/350		
Fritz Egger GmbH St. Johann/Tirol (Austria)	Aerosols, hydrocarbons, solids, formaldehyde and odours from two chip driers and press	Quench, Wet Absorber, Vertical Wet Type ESP with devaporization and heat recovery system -three part system-	304,000	71	W/W W/G	3 x 4.0 2 x 1.85
EGGER Rumania s.r.l. Suceava (Rumania)	Aerosols, hydrocarbons, solids, formaldehyde and odours of core and surface chip driers and press	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery and separate cooler exhaust for devaporization -Dual system-	602,066	70	W/W	2 x 2.5
Egger UK Ltd. Hexham (Great Britain)	Aerosols, hydrocarbons, solids, formaldehyde and odours of core and surface chip driers and press	Quench, Wet Absorber, Vertical Wet Type ESP with heat recovery and separate cooler exhaust for devaporization -Dual system-	602,066	70	W/W	2 x 2.5
Puhos Oy Puhos (Finland)	Air heating for sifter	Heat Exchanger			W/W	0.84
Norbord Ltd. Cowie (Great Britain)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier and press	Quench, Wet Absorber, Vertical Wet Type ESP -dual system-	348,952	73,5	W/G	1.4
TISCO Taiyuan (P.R. China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system, catalyser with urea	15,000	40/350		
Koskisen Oy Järvelä (Finland)	Solids, aerosols, odour, and hydrocarbons from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP	73,000	70	W/G	0.53
PG BISON Pietermaritzburg (South Africa)	Solids, aerosols, odour, hydrocarbons from chip drier, press and boiler	Quench, Wet Absorber, Vertical Wet Type ESP with circulation water treatment system, partial de-vaporization	161,800	64	W/G	1.2
NORBORD N.V. Genk	Aerosols, hydrocarbons, solids, formaldehyde and	Quench, Wet Absorber, Vertical Wet Type ESP	360,000	72	W/G	1.07

References Heat ReCovery Systems (HRC)

Company	Process	System	Crude Gas m ³ /h	Operating Temp.	Type	MW
(Belgium)	odours from two OSB driers	-Dual system-				

References Heat ReCOVERY Systems (HRC)

Company	Process	System	Crude Gas m ³ /h	Operating Temp.	Type	MW
TPCO Tianjin (China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system and catalyser with urea	19,900	40/350		
Baoxin Ningbo (P. R. China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system and catalyser with liquefied ammonia	19,900	40/350		
UNILIN Wielsbeke (Belgium)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP with circulation water treatment system	205,000	71	W/G	1.32
YUSCO Guangzhou (P. R. China)	NOx reduction of stainless steel pickling plant	Heat exchanger, heat-up system and catalyser with urea	19,900	40/350		
SWEDSPAN AB Hultsfred (Sweden)	Aerosols, hydrocarbons, solids, formaldehyde and odours of chip drier	Quench, Wet Absorber, Vertical Wet Type ESP with circulation water treatment system	287,864	72	W/G	1.07
SBE Svensk BrikettEnergi Ulricehamn (Sweden)	Aerosols, hydrocarbons, solids, formaldehyde and odours from drier for wood pellet manufacturing	Quench, Wet Absorber, Vertical Wet Type ESP with condensation heat recovery	78,552	73	W/W W/W	2 x 1.33 2 x 0.67
LESNA vrh. Dravogradu (Slovenia)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP (dual system)	300,000	68	W/G	1.42
UNILIN S.A. Bazeilles (France)	Aerosols, hydrocarbons, solids, formaldehyde and odours from 2 MDF presses	Quench, Wet Absorber, Vertical Wet Type ESP (dual system)	2 x 75,000	36	W/G	2 x 0.36
Spanplattenwerk Gotha Gotha (Germany)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip driers	Quench, Wet Absorber, Vertical Wet Type ESP	117,000	78	W/G	1.07
Egger GmbH Wismar (Germany)	Aerosols, hydrocarbons, solids, formaldehyde and odours from 2 chip driers	Quench, Wet Absorber, Vertical Wet Type ESP	2 x 210,000	68	W/G	2 x 1.6
SONAE (UK) Ltd. Knowsley (Great Britain)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip driers	Quench, Wet Absorber, Vertical Wet Type ESP	286,000	71	W/G	1.4
ZPW Grajewo Grajewo (Poland)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip driers	Quench, Wet Absorber, Vertical Wet Type ESP	314,500	73	W/G	1.4
Puhos Board Oy Puhos (Finland)	Aerosols and particles from chipboard driers	2 step wet absorber (fit for modification of a Wet Type ESP)	269,000	70	W/G W/G	1.44 1.56
Egger UK Ltd. Hexham (Great Britain)	Aerosols, hydrocarbons and dust from 2 chip driers	Quench, Wet Absorber, Vertical Wet Type ESP and separate cooler exhaust for devaporisation (dual system)	2 x 200,000	65	W/G	2 x 1.25
Caberboard Ltd. Cowie (Great Britain)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier and	Quench, Wet Absorber, Vertical Wet Type ESP (2 units)	2 x 343,000	56	W/G	1.0

References Heat ReCovery Systems (HRC)

Company	Process	System	Crude Gas m ³ /h	Operating Temp.	Type	MW
	press					
Annovati S.p.A. Frossasco (Italy)	Aerosols, hydrocarbons, solids, formaldehyde and odours from 2 chip driers and press	Quench, Wet Absorber, Vertical Wet Type ESP	386,000	65	W/G	1.32
Caberboard Ltd. South Molton (Great Britain)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP	232,000	62	W/G	1.32
Norske Skogindustrier Braskereidfoss (Norway)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP	229,000	74	W/G	1.32
Rauch Spanplattenwerk Markt Bibart (Germany)	Aerosols, hydrocarbons, solids, formaldehyde and odours from chip drier	Quench, Wet Absorber, Vertical Wet Type ESP, water treatment and heat recovery system	227,000	65	W/G	0.4