



## NON CONDENSABLE AND OTHER WASTE GAS BURNERS

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CAPACITY RANGE: 0,3 – 47 MW (1 – 120 MBtu/h)  
 QUANTITY OF FLARE BURNERS / BACK-UP INCINERATORS: 55  
 QUANTITY OF MAIN BURNERS: 27  
 TOTAL: 82 units

END USER / SITE	CAPACITY	FUEL	CUSTOMERS
Mondi Frantschach Austria	10 MW (34,1 Mbtu/h) B	Non Condensable Gas, CNCG, SOG, Natural Gas	IAF
Mondi Frantschach Austria	10 MW (34,1 Mbtu/h) F	Non Condensable Gas, CNCG, SOG, Natural Gas	IAF
Guanghui China	47 MW (160,5 Mbtu/h) B	Fuel Gas, Dilute waste Gas	A.H.Lundberg
BillerudKorsnäs Gruvön Sweden	11 MW (37,6 Mbtu/h) F	Non Condensable Gas, CNCG, Diesel, Liquid MeOH	BillerudKorsnäs Gruvön
Södra Cell Mörrum Sweden	6,5 MW (22,2 Mbtu/h) F	Non Condensable Gas, CNCG, LPG	Södra Cell Mörrum
Shandong Chenming Paper Group Co Ltd, China	12 MW (41,0 Mbtu/h) B	Non Condensable Gas, CNCG, Natural Gas, Methanol, Heavy fuel oil	Andritz
Fibria - MS Celulose, Horizonte II, Brazil	21 MW (92 Mbtu/h) B	Non Condensable Gas, CNCG, DNCG, Natural Gas	Andritz
Fibria - MS Celulose, Horizonte II, Brazil	27 MW (71,7 Mbtu/h) F	Non Condensable Gas, CNCG, DNCG, Natural Gas, Methanol	Andritz
Mondi, Ruzomberok Slovakia	10 MW (34,2 Mbtu/h) F	Non Condensable Gas, CNCG, DNCG, Natural Gas	Andritz

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END USER / SITE	CAPACITY	FUEL	CUSTOMERS
Eska Paperboard Netherlands	12 MW (41 Mbtu/h) B	Gasification Gas, NG	Leroux & Lotz
Oki Pulp & Paper, Indonesia	35,2 MW (120,2 Mbtu/h) F	Non Condensable Gas, CNCG, SOG, LFO, LPG	Andritz
CMPC Celulosa S.A, Laja, Chile	6,5 MW (22,2 Mbtu/h) F	Non Condensable Gas, LVHC, Natural Gas, LPG	CMPC
Iggesund Paperboard AB, Iggesund, Sweden	5 MW (17,1 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Andritz
Svetlogorsk Pulp and Board Plant, Belarus	5,4 MW (18,4 Mbtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Andritz
Svetlogorsk Pulp and Board Plant, Belarus	8,6 MW (29,3 Mbtu/h) B	Non Condensable Gas, LVHC, Turpentine, Natural Gas	Andritz
Mondi Group, Frantschach, Austria	7 MW (23,9 Mbtu/h) B	Non Condensable Gas, CNCG, SOG, Liquid turpentine, Heavy oil	Andritz
Gasek Oy, Tornio, Finland	1,2 MW (4,1 Mbtu/h) 3 pcs B	Gasification Gas, LPG	Gasek
EuroChem TankChem As, Sillamäe, Estonia	1,5 MW (5,1 MBtu/h) F	Oil Terminal Waste Gases and Liquids, Natural Gas	EuroChem
Andritz Feed & Biofuel A/S, Stenderup, Denmark	0,5 MW (1,7 Mbtu/h) F	TDP Vent Gas, Natural Gas	Andritz

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Metsä-Botnia Pulp Mill, Joutseno, Finland	10 MW (34,1 MBtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Metsä Fiber
Vaskiluodon Voima Oy, Vaasa, Finland	3,5 MW (11,7 Mbtu/h) F	Gasification Gas, LPG	Valmet
CMPC Celulosa S.A, Laja, Chile	10, 0 MW (33,3 Mbtu/h) B	Non Condensable Gas, LVHC, Heavy oil	Andritz
Shandong Bohui Paper Industries Company Ltd., China	2,4 MW (8,0 Mbtu/h) F	Non Condensable Gas, CNCG, SOG, Light oil	A.H.Lundberg
Zhanjiang Chenming Pulp & Paper, China	15,1 MW (51,6 Mbtu/h) F	Non Condensable Gas, CNCG, SOG, Light oil	Andritz
Zhanjiang Chenming Pulp & Paper, China	20,6 MW (70,3 Mbtu/h) B	Non Condensable Gas, CNCG, SOG, Liquid turpentine, Light oil	Andritz
April SSYMB, Rizhao, China	24 MW (81,9 Mbtu/h) 2 pcs B	Non Condensable Gas, LVHC, HVLC, Liquid methanol (SOL), Diesel oil	A.H.Lundberg
Mondi Group, Syktyvkar, Russia	7,3 MW (24,9 Mbtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Andritz
Mondi Group, Syktyvkar, Russia	13,5 MW (46,1 Mbtu/h) B	Non Condensable Gas, LVHC, Liquid methanol, Natural Gas	Andritz
Ekokem Oy, Fermion, Hanko, Finland	5 MW (17,1 Mbtu/h) B	VOC, Liquid methanol, Heavy Fuel Oil	Rinheat

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Riau Andalan Pulp and Paper, Kerinci, Indonesia	18 MW (61,4 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Hunan Juntai Pulp & Paper Co. Ltd., Huai Hua, China	5,4 MW (18,4 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Andritz
Hunan Juntai Pulp & Paper Co. Ltd., Huai Hua, China	8,6 MW (29,3 Mbtu/h) B	Non Condensable Gas, LVHC, Turpentine, Light Oil	Andritz
Aracruz Celulose S.A., Guaiba, RS, Brazil	10 MW (34,1 Mbtu/h) F	Non Condensable Gas, LVHC, LPG	Aracruz
Australian Paper, Maryvale, Mill, Australia	5,1 MW (17,4 Mbtu/h) B	Non Condensable Gas, LVHC, Natural Gas	Andritz
Nanning Pulp & Paper Co. Ltd., China	2,5 MW (8,5 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Riau Andalan Pulp and Paper, Kerinci, Indonesia	18 MW (61,4 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Riau Andalan Pulp and Paper, Kerinci, Indonesia	15 MW (51,2 Mbtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Bahia Sul Celulose S/A, Mucuri, BA, Brazil	8,2 MW (28,0 Mbtu/h) F	Non Condensable Gas, LVHC, LPG	Valmet
AS Alexela Terminal, Paldiski, Estonia	6 MW (20,5 Mbtu/h) F	Oil Terminal Waste Gas, Light Oil	AS Koger & Partnerid

END USER / SITE	CAPACITY	FUEL	CUSTOMERS
Biofuel Industries Pte Ltd, Singapore	19,8 MW (67,6 Mbtu/h) F	Carbonizing Process Waste Gas, Propane	Biofuel
Celulosa Arauco y Constitucion S.A., Constitucion, Chile	7 MW (23,9 Mbtu/h) F	Non Condensable Gas, LVHC, Propane	Valmet
I/S Skive Fjernvarme, Skive, Denmark	14,2 MW (48,5 Mbtu/h) F	Gasification Gas, Light Oil	Skive
Kemijärven Sellu Oy, Kemijärvi, Finland	6 MW (20,5 Mbtu/h) F	Non Condensable Gas, LVHC, HVLC, Light Oil	Valmet
Kotlas Pulp Mill, Arhangelsk, Russia	6,5 MW (22,2 MBtu/h) F	Non Condensable Gas LVHC, Natural Gas, Methanol	Andritz
Kotlas Pulp Mill, Arhangelsk, Russia	6,5 MW (22,2 MBtu/h) B	Non Condensable Gas LVHC, Natural Gas, Methanol	Andritz
SCA Östrand Pulp Mill, Sweden	15 MW (51,2 MBtu/h) F	Non Condensable Gas, LVHC, Light Oil, Propane	Andritz
CMPC Celulosa Santa Fe Mill, Nacimiento, Chile	6,7 MW (22,9 MBtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Andritz
Celulosa Arauco y Constitucion S.A., Itata, Chile	5,1 MW (17,4 MBtu/h) F	Non Condensable Gas, LVHC, Propane, Natural Gas	Valmet
Mondi Richards Bay Mill, South Africa	10,1 MW (34 MBtu/h) F	Non Condensable Gas LVHC, Methanol, Natural Gas	Andritz

END USER / SITE	CAPACITY	FUEL	CUSTOMERS
Celulosa Arauco y Constitucion S.A., Valdivia, Chile	3,6 MW (12,4 MBtu/h) F	Non Condensable Gas, LVHC, Propane	Valmet
Veracel Celulose S.A., Eunapolis BA, Brazil	4,1 MW (14 MBtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Jinhai Pulp, Hainan, China	24,1 MW (72 MBtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
Papelera Guipuzcoana de Zicunaga S.A Hernani Spain	2,9 MW (9,9 MBtu/h) B	Non Condensable Gas, LVHC, Natural Gas	Valmet
Paplera Guipuzcoana de Zicunaga S.A Hernani, Spain	5,0MW (17,0 MBtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Valmet
Rosenthal Pulp Mill, Germany	0,3 MW (1 MBtu/h) B	Ammonia Gas, Natural Gas	Andritz
Stora Enso Thermowood Mill, Kotka, Finland	1.5 MW (4,9 MBtu/h) F	Thermowood waste Gas HVLC, Light oil,	Valutec
Finforest Thermowood Mill, Kaskinen, Finland	2,4 MW (8,2 MBtu/h) B	Thermowood Waste Gas HVLC, Light Oil	Valmet
Klabin Bacell Pulp Mill, Camacari BA, Brazil	5,5 MW (18.7 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Natural Gas	Klabin
Sunila OY Pulp Mill, Sunila, Finland	12 MW (40,9 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Natural Gas	Valmet

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Burgo Ardennes Pulp Mill Virton, Belgium	9,4 MW (32 MBtu/h) F	Non Condensable Gas, LVHC, Light Oil	Valmet
International Paper Kwidzyn, Poland	8,5 MW (29 MBtu/h) B	Non Condensable Gas, LVHC, Heavy Oil	Andritz
Lännen Tehtaat Sugar Mill Säkylä, Finland	4,6 MW (15,6 MBtu/h) F	Biogas / Methane	Aquaflow
UPM Kymmene Pulp Mill Tervasaari, Finland	12 MW (40,9 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Natural Gas	Valmet
Visy Pulp & Paper Mill Tumut, NSW Australia	2,5 MW (8,5 MBtu/h) F	Non Condensable Gas, LVHC, Natural Gas	Valmet
Smurfit-Stone Pulp Mill, Portage-du-Fort Quebec, Canada	8,8 MW (30 MBtu/h) B	Non Condensable Gas, LVHC, HVLC, Light Oil	A.H.Lundberg
Rosenthal Pulp Mill, Germany	5 MW (17 MBtu/h) B	Non Condensable Gas, LVHC, HVLC, Methanol Light Oil, Natural Gas	Andritz
Rosenthal Pulp Mill, Germany	5 MW (17 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Methanol Light Oil, Natural Gas	Andritz
Södra Cell Pulp Mill, Mönsterås, Sweden	14,2 MW (48,4 MBtu/h) B	Non Condensable Gas, LVHC, Methanol, Light Oil	Andritz
Södra Cell Pulp Mill, Mönsterås, Sweden	14,2 MW (48,4 MBtu/h) F	Non Condensable Gas, LVHC, Methanol, Light Oil	Andritz
Musi Pulp Mill, Indonesia	5 MW (17 MBtu/h) B	Non Condensable Gas, LVHC, HVLC, Light Oil	Andritz
Musi Pulp Mill, Indonesia	5 MW (17 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Light Oil	Andritz

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Metsä-Botnia Pulp Mill, Äänekoski, Finland	15 MW (51,1 MBtu/h) F	Non Condensable Gas, LVHC, Light Oil	Andritz
Advanced Agro Pulp Mill, Thailand	5 MW (17 MBtu/h) B	Non Condensable Gas, LVHC, HVLV, Methanol, Light oil	Andritz
Advanced Agro Pulp Mill, Thailand	5 MW (17 MBtu/h) F	Non Condensable Gas, LVHC, HVLC, Methanol, Light oil	Andritz
Metsä-Botnia Pulp Mill, Kaskinen, Finland	5 MW (17 MBtu/h) F	Non Condensable Gas, LVHC, Methanol, Light Oil	Metsä Fiber
Waste Water Plant, China	1,5 MW (5,1 MBtu/h) B	Methane, Natural Gas	Foster Wheeler
Stora Celbi Pulp Mill, Portugal	3,5 MW (6,9 MBtu/h) B	Non Condensable Gas, LVHC, Methanol, Natural Gas	Andritz
Stora Celbi Pulp Mill, Portugal	3,5 MW (6,9 MBtu/h) F	Non Condensable Gas, LVHC, Methanol, Natural Gas	Andritz
Bäckhammar Pulp Mill, Sweden	2,5 MW (8,5 MBtu/h) B	Non Condensable Gas, LVHC, Light Oil	Andritz
Laminating Paper Oy Pulp Mill, Finland	2,3 MW (7,8 MBtu/h) F	Non Condensable Gas, LVHC, LPG	Andritz
Norske Skog Saugbrugs Waste Water Plant, Norway	4,6 MW (15,7 MBtu/h) F	Biogas/Methane	Aquaflow
Enso Guzeit Oy Waste Water Plant Finland	3,4 MW (11,6 MBtu/h) F	Biogas/Methane	Aquaflow

BURNER TYPE: Flare Burner/ Back-up Incinerator = F Main Burner = B

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