



CUSTOMER REFERENCE LIST



| CUSTOMER | QTY | TYPE OF MACHINE | INSTALLED | COUNTRY |
|---|------------|---|-----------|---------------------------|
| TATA STEEL UK Port Talbot 6.3 m Ovens | 1 | Battery Pushing Emission Control System | 2019 | UK |
| TERNIUM San Nicolas 6 m Ovens | 1 | Coke Quench Car | 2019 | Argentina |
| TATA STEEL UK Port Talbot 6.3 m Ovens | 2 | Fully Automated Manless Locomotives | 2019 | UK |
| BAOSHAN IRON AND STEEL (BAOSTEEL) Shanghai 6m Ovens | 3 | Smokeless Charging Cars | 2018 | China |
| ARCELORMITTAL Tubarao 6.5 m Ovens | _ 2 | Charging Cars | 2016 | Brazil |
| ARCELORMITTAL Zenica 5.5 m Ovens | <u>.</u> 1 | Charging Car | 2015 | Bosnia and Herzegovina |
| ITALIANA COKE San Giuseppe 4.2 m Ovens | 1 | Transfer Car | 2014 | Italy |
| MONCKTON COKE AND CHEMICALS Barnsley 4 m Ovens | 1 | Integrated Coke Guide & Grit Arrestment Hood Machine | 2011 | UK |



| US STEEL CANADA Lake Erie - Nanticoke 6.7 m Ovens | 1 | Transfer Car | 2011 | Canada |
|---|-----------------------|--|------|--------|
| USIMINAS CONCORD STEEL Ipatinga, 6.1 m Ovens | 2 2 | Pusher Machines Transfer Cars | 2011 | Brazil |
| USIMINAS DHHI – CHINA Ipatinga, 6.1 m Ovens | 2 | Screwfeeder Charge Car | 2010 | Brazil |
| ITALIANA COKE San Giuseppe 4 m Ovens | 1 | Remodelled Pusher Machine | 2009 | Italy |
| ITALIANA COKE San Giuseppe 4 m Ovens | 1 | Screwfeeder Charge Car | 2008 | Italy |
| POSCO Pohang Works 5.2 m Ovens | 2 1 3 3 2 | Pusher Machines Remodelled Pusher Machine Transfer Cars Screwfeeder Charge Cars Coke Car Locomotives | 2008 | Korea |
| GERDAU ACOMINAS DHHI – CHINA Ouro Branco, 6.3 m Ovens | 1 | Screwfeeder Charge Car | 2008 | Brazil |
| GERDAU ACOMINAS DHHI – CHINA Ouro Branco, 6.1 m Ovens | 2 | Screwfeeder Charge Cars | 2008 | Brazil |
| LAKE ERIE STEEL Nanticoke 6.7 m Ovens | 1 | Screwfeeder Charge Car Mods. New Lid Lifters, Telescopes and Gooseneck Cleaners | 2007 | Canada |



| POSCO Pohang Works 6.7 m Ovens | 1 1 1 | Pusher Machine Transfer Car Screwfeeder Charge Car Coke Car Locomotive | 2007 | Korea |
|---|------------------|---|------|--------|
| USIMINAS Ipatinga 6.1 m Ovens | 1 | Screwfeeder Charge Car | 2006 | Brazil |
| LUCCHINI S.p.A. Piombino 6.3 m Ovens | 1 | Transfer Car | 2005 | Italy |
| DOFASCO Hamilton 6.2 m Ovens | 1 | Screwfeeder Charge Car | 2004 | Canada |
| LUCCHINI S.p.A. Piombino 6.3 m Ovens | 1 | Screwfeeder Charge Car | 2004 | Italy |
| CORUS UK Port Talbot 6.3 m Ovens | 1 1 1 | Screwfeeder Charge Car Bellflow Charge Car Coke Guide Machine | 2003 | UK |
| LUCCHINI SERVOLA Trieste 4.4 m Ovens | 1 | Screwfeeder Charge Car New telescopes Locomotive | 2002 | Italy |
| BRITISH STEEL Scunthorpe 4.2m Ovens | 1 | Refurbished Coke Car | 2002 | UK |
| LUCCHINI IMPIANTI Piombino 6.3 m Ovens | 1 1 1 1 | Pusher Machine Screwfeeder Charge Car Transfer Car Parts Bunker Outlet Screwfeeder Assemblies | 2001 | Italy |



| LAKE ERIE STEEL Nanticoke 6.7 m Ovens | 1 | Screwfeeder Charge Car Mods. New Lid Lifters, Telescopes and Gooseneck Cleaners | 2000 | Canada |
|--|-----|--|------|--------|
| BRITISH STEEL Appleby 4.2 m Ovens | 1 | Screwfeeder Charge Car | 2000 | UK |
| BRITISH STEEL South Bank 5.3 m Ovens | 2 2 | Coke Side Door Extractors Pusher Side Door Extractors | 1997 | UK |
| BRITISH STEEL South Bank 5.3 m Ovens | 1 | Mass Flow Sequential Charge Car | 1997 | UK |
| BRITISH STEEL Grange 4 m Ovens | 3 | New Leveller Beams and Drive Assemblies | 1997 | UK |
| BRITISH STEEL Llanwern 4 m Ovens | 1 | Pusher Machine Refurbishment/Modernisation | 1996 | UK |
| BRITISH STEEL Grange 4 m Ovens | 1 | Charge Car - Conversion of existing "Bellflow" Ravenscraig Car for use at Grange Coke Ovens | 1995 | UK |
| BRITISH STEEL Redcar 5.3 m Ovens | 3 | Charge Cars - Modifications & Improvements: Land Based Lid Cleaners Machine Mounted Frame Cleaners Lid Luting New Op. Cabin & Air Conditioning | 1995 | UK |
| BRITISH STEEL Appleby Frodingham 4.3 m Ovens | 1 | New leveller Door Opener | 1995 | UK |
| BRITISH STEEL Llanwern 6 m Ovens | 1 | "Bellflow" Charge Car | 1993 | UK |



| BRITISH STEEL Port Talbot 6.3 m Ovens | 5 | New Door Extractors | 1992 | UK |
|--|-----|--|------|----|
| BRITISH STEEL Llanwern 6 m Ovens | 2 | New Jamb Cleaners | 1992 | UK |
| BRITISH STEEL Dawes Lane 5.3 m Ovens | 2 | Horizontal Screw Feed Charge Cars | 1992 | UK |
| BRITISH STEEL Llanwern 6 m Ovens | 1 | Coke Side Emission Hood Car (Minister Stein) | 1991 | UK |
| BRITISH STEEL Llanwern 4.2 m Ovens | 1 | "Bellflow" Charge Car | 1991 | UK |
| BRITISH STEEL Appleby Frodingham 4.3 m Ovens | 1 | Screw Feed Charge Car | 1990 | UK |
| BRITISH STEEL Ravenscraig 4.3 m Ovens | 1 | "Bellflow" Charging Car | 1990 | UK |
| BRITISH STEEL Ravenscraig 4.3 m Ovens | 2 | "Bellflow" Charging Cars | 1989 | UK |
| BRITISH STEEL South Bank 5.3 m Ovens | 1 | Mass Flow Charge Car | 1989 | UK |
| BRITISH STEEL Ravenscraig 4.3 m Ovens | 1 2 | "Bellflow" Charging Car Coke Guides | 1987 | UK |
| BRITISH STEEL Redcar 5.3 m Ovens | 3 | Mass Flow Coal Charging Cars | 1983 | UK |
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| BRITISH STEEL Brookhouse 4.3 m Ovens | 1 | Screwfeeder Charge Car | rewfeeder Charge Car 1981 | | |
|---|-----------------------|--|---------------------------|--------|--|
| ACOMINAS 6 m Ovens | 2 2 | Pusher Machines Coke Side Single Spot Machines | 1980 | Brazil | |
| BRITISH STEEL Orgreave 4.3 m Ovens | 1 | Pusher Machine | 1977 | UK | |
| STELCO Nanticoke 6.7 m Ovens | 2 2 2 | Pusher Machines Single Spot Door Machines Horizontal Screw Feed Charge Cars | 1977 | Canada | |
| BRITISH STEEL Port Talbot 6.3 m Ovens | 2 2 2 2 1 | Pusher Machines Single Spot Door Machines Mass Flow Charging Cars Fixed Bed Coke CarS CokeSide Emission Control System | 1976-77 | UK | |
| BRITISH STEEL Ravenscraig 4.3 m Ovens | 2 2 | Coke Side Door Extractors Coke Guides | 1975 | UK | |
| BRITISH STEEL Redcar 5.3 m Ovens | 3 | Coke Side Hood Cars with Gas Cleaning Equipment Single Spot Door Machines | 1975 | UK | |
| BRITISH STEEL Dawes Lane 5.3 m Ovens | 2 2 2 2 | Pusher Machines Single Spot Door Machines Oven Top Service Machines Coke Side Hood Cars with Gas Cleaning Equipment | 1975 | UK | |
| BRITISH STEEL Llanwern 6 m Ovens | 2 2 2 2 | Pusher Machines Single Spot Door Machines Turntable Charge Cars Hot Coke Cars | 1974 | UK | |



REFERENCE LIST 2019 COKE OVEN MACHINES

WATER JET DOOR CLEANERS

| N.C.B. MANVERS MAIN 4 m Ovens | 1 | Mass Flow Charge Car | 1974 | UK |
|---------------------------------------|-----------------------|--|---------|--------------|
| BRITISH STEEL Brookhouse 4.3 m Ovens | 1 | Screwfeeder Charge Car | 1973 | UK |
| ISCOR Vanderbijl Park 4 m Ovens | 1 | Screwfeeder Charge Car | 1973 | South Africa |
| ISCOR Pretoria 4 m Ovens | 3 | Screwfeeder Charge Cars | 1973 | South Africa |
| BRITISH STEEL Consett 4.3 m Ovens | 1 | Turntable Charge Car | 1971 | UK |
| STELCO Hamilton 5 m Ovens | 2 2 | Pusher Machines Turntable Charge Cars | 1971 | Canada |
| BRITISH STEEL Shotton 6 m Ovens | 2 2 2 2 2 | Single Spot Pusher Machines Screw Feed Charge Cars Door Machines Coke Guide Cars Quench Cars | 1970-71 | UK |







CUSTOMER REFERENCE LIST WATER JET DOOR CLEANERS



| CUSTOMER WORKS | QTY I | YPE OF INSTALLATION | INSTALLED | COUNTRY |
|--|-------|---|-----------|-----------|
| TATA STEEL Port Talbot 6.3 m Ovens | 1 | Pusher Side | 2019 | UK |
| BAOSHAN IRON AND STEEL CO. LTD (BAOSTEEL) Shanghai 6 m Ovens | 1 | Coke Side Pusher Side | 2019 | China |
| TATA STEEL Port Talbot 6.3 m Ovens | 1 | Pusher Side | 2017 | UK |
| BRITISH STEEL Appleby 4.3 m Ovens | 1 | Coke Side | 2016 | UK |
| SSI STEEL Southbank 5.3 m Ovens | 1 | Coke Side | 2015 | UK |
| SIDERAR San Nicolas 6.3 m Ovens | 1 | Coke Side (Fixed Station) Pusher Side (Fixed Station) | 2015 | Argentina |
| SSI STEEL South Bank 5.3 m Ovens | 1 | Pusher Side | 2013 | UK |
| TATA STEEL Port Talbot 6.3 m Ovens | 1 | Pusher Side | 2013 | UK |
| SSI STEEL Redcar 5.3 m Ovens | 1 | Pusher Side | 2013 | UK |
| ITALIANA COKE San Giuseppe 4 m Ovens | 1 | Coke Side | 2012 | Italy |
| ITALIANA COKE San Giuseppe 4 m Ovens | 1 | Pusher Side | 2009 | Italy |
| POSCO Pohang Works 5.2 m Ovens | 2 | Pusher Side | 2008 | Korea |



| CUSTOMER WORKS | QTY | TYPE OF INSTALLATION | INSTALLED | COUNTRY |
|--|--------|--|-----------|-----------|
| SIDERAR San Nicolas 6.3 m Ovens | 1 1 | Coke Side (Fixed Station) Pusher Side (Fixed Station) | 2007 | Argentina |
| POSCO Pohang Works 6.7 m Ovens | 1 1 | Pusher Side Coke Side | 2007 | Korea |
| STELCO Lake Erie 6.7 m Ovens | 1 1 | Coke Side (Fixed Station) Pusher Side (Fixed Station) | 2005 | Canada |
| LUCCHINI IMPIANTI Piombino 6.3 m Ovens | 1 | Coke Side | 2005 | Italy |
| CORUS UK LIMITED Port Talbot 6.3 m Ovens | 1 | Coke Side | 2003 | UK |
| LUCCHINI IMPIANTI Piombino 6.3 m Ovens | 1 1 | Pusher Side Coke Side | 2002 | Italy |
| CST Vitoria 7 m Ovens | 3 | Pusher Side (Fixed Station) | 2001 | Brazil |
| BRITISH STEEL Grange 3.8 m Ovens | 1 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1998 | UK |
| <u>VSZ</u> Kosice 5 m Ovens | 2 2 | Pusher Side Coke Side | 1997 | Slovakia |
| BHP Newcastle | 1 | Coke Side | 1997 | Australia |
| BRITISH STEEL Llanwern 4.2 m Ovens | 1 | Pusher Side | 1996 | UK |
| SOLLAC Dunkerque 6.5 m Ovens | 2 2 | Pusher Side Coke Side | 1996 | France |
| BRITISH STEEL Redcar 5.3 m Ovens | 3 3 | Pusher Side Coke Side | 1994 | UK |



| CUSTOMER WORKS | QTY | TYPE OF INSTALLATION | INSTALLED | COUNTRY |
|---|--------|--|-----------|-----------|
| BRITISH STEEL South Bank 5.3 m Ovens | 2 2 | Pusher Side Coke Side | 1994 | UK |
| BRITISH STEEL Port Talbot 6.3 m Ovens | 1 | Pusher Side | 1992 | UK |
| AK STEEL Middletown 6 m Ovens | 2 2 | Pusher Side Coke Side | 1992 | USA |
| BRITISH STEEL Llanwern 6.3 m Ovens | 2 2 | Coke Side Pusher Side | 1992 | UK |
| BRITISH STEEL Appleby 4.3 m Ovens | 3 3 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1990 | UK |
| BRITISH STEEL Llanwern 4.2 m Ovens | 1 1 | Coke Side (Fixed Station) Pusher Side (Fixed Station) | 1989 | UK |
| BRITISH STEEL Port Talbot 6.3 m Ovens | 1 | Coke Side | 1989 | UK |
| <u>TISCO</u> Jamshedpur 4.5 m Ovens | 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1989 | India |
| ZISCO Redcliff 4 m Ovens | 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1989 | Zimbabwe |
| BRITISH STEEL Appleby 4.3 m Ovens | 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1988 | UK |
| BRITISH STEEL Dawes Lane 5.3 m Ovens | 2 | Pusher Side | 1988 | UK |
| BHP Port Kembla 7.1 m Ovens | 2 2 | Pusher Side Coke Side | 1987 | Australia |



| CUSTOMER WORKS | QTY T | YPE OF INSTALLATION | INSTALLED | COUNTRY |
|---------------------------------------|--------|--|-----------|---------|
| S.A.I.L. Bhilai 4.3 m Ovens | 1 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1987 | India |
| BRITISH STEEL Dawes Lane 5.3 m Ovens | 2 | Coke Side | 1986 | UK |
| BRITISH STEEL Llanwern 6.3 m Ovens | 2 | Pusher Side (Fixed Station) | 1985 | UK |
| AK STEEL Middletown 6 m Ovens | 2 2 | Pusher Side Coke Side | 1984 | USA |
| BRITISH STEEL Appleby 4.3 m Ovens | 1 | Pusher Side (Fixed Station) Coke Side (Fixed Station) | 1982 | UK |
| BRITISH STEEL Dawes Lane 5.3 m Ovens | 2 | Coke Side | 1982 | UK |
| BRITISH STEEL Port Talbot 6.3 m Ovens | 1 1 | Pusher Side Coke Side | 1982 | UK |
| BRITISH STEEL Redcar 5.3 m Ovens | 3 | Pusher Side Coke Side | 1980 | UK |
| BRITISH STEEL South Bank 5.3 m Ovens | 2 2 | Pusher Side Coke Side | 1978 | UK |