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TO STEEL INDUSTRY SUPPLIERS

2019





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Preface

The supply contacts of the steel industry are frontierless. This powerful market is always in process. The KEY to Steel Industry Suppliers will be circulated among top and middle management in the steel producing and processing industries.

The main regions of circulation are Asia, Africa, America, certain newly industrialized countries, and the member states of the European Union.

This KEY will be shown on www.stahleisen.de as well.



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17430 On-line Optical Surface Inspection	55	16162 Process Automation for	
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6360 Paint Coating Lines	30	5050 Radial and Axial Die Rolling Mills,	
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12210 Plant Construction, in general	44	4390 Roll Grinding Machines	22
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14970 Portal Cranes	48	other Sections	19
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1940 Scrap Preheating Plants	11	15780 Spring Hose Reels	50
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15880 Slipring Assemblies	50	6460 Surface Treatment Lines	31
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14820 Telescopic Excavators	48	7640 Tube Testing Installations	34
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12060 Testing of Refractory Material	42	2920 Tundish Covering Compounds, Granular or Powdered	15
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1285 Top-Gas Expanders	7	1200 Valves for Hot-Blast Stoves	6
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Product Guide

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If you miss your entry in this Key, just ask for the documentation to enable you to be listed in the next issue.



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01 Raw Materials, Auxiliary Materials and Operating Materials

01.02 Coke

60 Lignite Coke

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65 Foundry Coke

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70 Coke

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80 Coke Breeze

ARISTON Formstaub-Werke
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100 Petroleum Coke

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110 Pit Coal, Anthracite

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01.05 Metals and Alloys

171 Deoxidation Alloys (also Aluminium-Rod/Solid Wire)

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01.06 Additives and Fluxes

580 Carburizing Agents

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01.08 Lubricants

690 Lubricants

Chemische Fabrik Budenheim KG
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01.09 Slags**678 Slag Use**

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02 Raw Material Pretreatment**02.01 Ore Dressing****710 Beneficiation/Dressing Plant for Ore and Fluxes**

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 info@kuettner.com www.kuettner.com

720 Crushing Plants

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 P.O.Box 80 06 53, 45506 Hattingen,
 Germany
 ☎ +49 2324 207-0 Fax +49 2324 207-207
 info@koeppern.de, www.koeppern.de

740 Mixers

Maschinenfabrik Gustav Eirich GmbH & Co KG
 Walldürner Str. 50
 74736 Hardheim, Germany
 ☎ +49 6283 51-0 Fax +49 6283 51-325
 eirich@eirich.de, www.eirich.de

750 Sieve Bottoms

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

760 Sieves and Screening Plants

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

02.02 Coal Preparation**770 Coal Washing and Grading Plants**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

780 Coal Grinding Plants

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

02.03 Burden Preparation**790 Burden Preparation**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

02.05 Sintering Plants**820 Sintering Plants**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

02.06 Briquetting Plants**830 Briquetting Plants**

Köppern GmbH & Co. KG
 P.O.Box 80 06 53, 45506 Hattingen,
 Germany
 ☎ +49 2324 207-0 Fax +49 2324 207-207
 info@koepfern.de, www.koepfern.de

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

840 Briquetting of Coal and Coke

Köppern GmbH & Co. KG
 P.O.Box 80 06 53, 45506 Hattingen,
 Germany
 ☎ +49 2324 207-0 Fax +49 2324 207-207
 info@koepfern.de, www.koepfern.de

850 Compacting Plants

Köppern GmbH & Co. KG
 P.O.Box 80 06 53, 45506 Hattingen,
 Germany
 ☎ +49 2324 207-0 Fax +49 2324 207-207
 info@koepfern.de, www.koepfern.de

02.07 Coke-Oven Plants**856 Heat-Recovery Coke Plants**

JUKoke & Carbon UG
 51647 Gummersbach, Germany
 ☎ +49 2261 288-040,
 Fax +49 2261 288-625
 www.jukokecarbon.eu

870 Coke Crushing and Screening Plants

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

890 Coke Ovens

JUKoke & Carbon UG
 51647 Gummersbach, Germany
 ☎ +49 2261 288-040,
 Fax +49 2261 288-625
 www.jukokecarbon.eu

02.08 Scrap Preparation Plants**980 Magnetic Drums**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

1017 Scrap Handling Magnets

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

1020 Shredder Plants, also Pre-Shredders

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

1022 Separation Magnets

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

02.09 Other Matters**1058 Lime-burning Plants**

Maerz Ofenbau AG
 P. O. Box
 Richard-Wagner-Strasse 28
 8027 Zurich, Switzerland
 ☎ +41 44 2872727 Fax +41 44 2013634
 info@maerz.com
 www.maerz.com

03 Ironmaking**1090 Ironmaking Plants**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

03.01 Blast Furnaces**1105 Energy Recovery**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1107 Expansion Turbine

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1110 Blast Furnaces

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1130 Cowpers for Blast Furnaces

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1150 Heat-Recovery Plants

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1152 Hot Blast Stoves

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

03.03 Cupolas**1180 Hot-Blast Cupolas**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1195 OxiCup Shaft Furnaces

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

03.04 Components**1200 Valves for Hot-Blast Stoves**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1210 Valve Services

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

1220 Charging Installations for Blast Furnaces, Cupolas, and Melting Shops

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1230 Tuyère and Tuyère Stock Changing Carts

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1260 Installations for Carbon Injection

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1270 Installations to inject Coal, Oil, or Gas into Blast Furnaces

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1285 Top-Gas Expanders

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1290 Cover Manipulators

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1300 Hot-Blast Valves

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1320 Blast Furnace Steel Structures and Jackets

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1330 Blast-Furnace Burdening (incl. Larry Cars)

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1340 Blast-Furnace Probes

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1350 Coal Grinding, Drying and Injection Installations

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1353 Ladles and Mixers, Pig Iron/Hot Metal, Engineering and Supply

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg,
Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

1370 Blast-Furnace Bosh and Stack Cooling Plates

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1432 Copper Staves for Blast-Furnace Cooling

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1460 Heat Exchangers

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

04 Steelmaking

1670 Engineering and Technical Assistance

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1680 Mini Mills

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1700 Steelmaking Plants and Equipment (Stainless)

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1710 Steelmaking Plants and Equipment

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

04.01 Hot-Metal Preparation Plants

1715 Desulphurization Plants with Slag Regeneration

Küttner GmbH & Co. KG, Essen/Germany
info@kueetner.com www.kueetner.com

1720 Hot-Metal Desulphurization Plants

ALMAMET GMBH
Gewerbestraße 5A, 83404 Ainring, Germany
☎ +49 8654 77318-0
info@almamet.com
www.almamet.com

Küttner GmbH & Co. KG, Essen/Germany
info@kueetner.com www.kueetner.com

STEIN INJECTION TECHNOLOGY GmbH
Hagener Str. 20-24, 58285 Gevelsberg, Germany
☎ +49 2332 75742-0
Fax +49 2332 75742-40
stein@sit-gmbh.net - www.sit-gmbh.net

04.02 Converters

1730 Basic-Oxygen Steelmaking Plants (BOF-Shops)

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1735 Bottom Blowing Installations (N2 and AR)

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1750 Converter Equipment

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1752 Converter Slag Treatment Installations

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

04.03 Energy Optimizing Furnaces

1770 Energy Optimizing Furnaces

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

04.04 Electric Furnace Melting Shop

1780 Electric Furnace Charging Devices

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

1800 AC Electric Arc Furnace

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1810 Injection Devices for Electric Furnaces

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

STEIN INJECTION TECHNOLOGY GmbH
 Hagener Str. 20-24, 58285 Gevelsberg,
 Germany
 ☎ +49 2332 75742-0
 Fax +49 2332 75742-40
 stein@sit-gmbh.net - www.sit-gmbh.net

1850 Electrode Jib Arms

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

1870 Electric Arc Furnaces

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

SMS group GmbH
 Steelmaking Plants
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

1875 Electric Arc Ladle Furnaces

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

SMS group GmbH
 Steelmaking Plants
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

1880 EAF with integrated Scrap Preheater (Shaft Furnace)

SMS group GmbH
 Steelmaking Plants
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

1890 DC Arc Furnaces

SMS group GmbH
 Steelmaking Plants
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

1900 Graphite Electrodes

Graphite Materials GmbH
 Rothenburger Str. 76
 90522 Oberasbach, Germany
 ☎ +49 911 999 01 03-0
 Fax +49 911 999 01 03-50
 info@graphite-materials.com
 www.graphite-materials.com

1920 Oil/Gas-Oxygen Burners

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

1940 Scrap Preheating Plants

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

1970 Water-cooling Systems

SMS group GmbH
Water Management Systems
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

1980 AC Arc Furnaces

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

04.05 Induction Furnaces

1995 Protection Systems of Induction Coils

Saveway GmbH & Co. KG
Wümbacher Str. 8
98704 Langewiesen, Germany
☎ +49 3677 8060-0, Fax +49 3677 8060-99
www.saveway-germany.de

04.07 Secondary Steelmaking

2028 Plants for Chemical Heating

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

2030 Argon Purging Devices

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

2060 Injection Devices for Metallurgical Processes

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

STEIN INJECTION TECHNOLOGY GmbH
Hagener Str. 20-24, 58285 Gevelsberg,
Germany
☎ +49 2332 75742-0
Fax +49 2332 75742-40
stein@sit-gmbh.net - www.sit-gmbh.net

2080 Ladle-Metallurgy Plants

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

2130 Steel Desulphurization Plants

ALMAMET GMBH
Gewerbestraße 5A, 83404 Ainring, Germany
☎ +49 8654 77318-0
info@almamet.com
www.almamet.com

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

STEIN INJECTION TECHNOLOGY GmbH
Hagener Str. 20-24, 58285 Gevelsberg,
Germany
☎ +49 2332 75742-0
Fax +49 2332 75742-40
stein@sit-gmbh.net - www.sit-gmbh.net

04.09 Components**2150 Deslagging Machines**

DANGO & DIENENTHAL
 Maschinenbau GmbH
 P.O.Box 10 02 03, 57002 Siegen, Germany
 ☎ +49 271 401-0 Fax +49 271 401-4210
 www.dango-dienenthal.de

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

2156 Taphole mud guns and drilling machines for converters

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

2180 Break-out Machines for Electric Furnaces, Converters, Pouring Ladles, etc.

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

2190 Equipment for Oxygen/Carbon Lance Manipulators (EAF)

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2230 Charging Machines (Troughs and Tongs)

DANGO & DIENENTHAL
 Maschinenbau GmbH
 P.O.Box 10 02 03, 57002 Siegen, Germany
 ☎ +49 271 401-0 Fax +49 271 401-4210
 www.dango-dienenthal.de

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

2250 Cored-Wire Feeding Machines

ODERMATH STAHLWERKSTECHNIK GMBH
 P.O.Box 100556, 40769 Monheim, Germany
 ☎ +49 2173 595-0 Fax +49 2173 595-216
 www.odermath.de

2268 Argon Bubbling Equipment for Ladles

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2310 Carbon Injecting Equipment (EAF)

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

STEIN INJECTION TECHNOLOGY GmbH
 Hagener Str. 20-24, 58285 Gevelsberg,
 Germany
 ☎ +49 2332 75742-0
 Fax +49 2332 75742-40
 stein@sit-gmbh.net - www.sit-gmbh.net

2350 Desulphurizing Equipment

ALMAMET GMBH
Gewerbestraße 5A, 83404 Ainring, Germany
☎ +49 8654 77318-0
info@almamet.com
www.almamet.com

2440 Oxygen/Carbon Lance Manipulators

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

2450 Hydraulic Installations for Metallurgical Plants and Rolling Mills

Hauhinco Maschinenfabrik GmbH & Co.KG
Beisenbruchstr.10, 45549 Sprockhövel
☎ +49 2324 705-0, Fax +49 2324 705-119
info@hauhinco.de
www.hauhinco.de

HYDROWATT AG
Freistrasse 2
8200 Schaffhausen/Switzerland
☎ +41 52 624 5322 Fax +41 52 625 6211
info@hydrowatt.com
www.hydrowatt.com

2490 Pulverized-Coal Injection-Lances

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

2500 Ingot Moulds for Melting Shops

Lintorfer Eisengießerei GmbH
Rehhecke 83/87
40885 Ratingen, Germany
☎ +49 2102 3806-0
Fax +49 2102 3806-30
www.lintorferreg.de

2530 Lance Robots/Manipulators

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

2540 Alloying Installations for Steelworks

Küttner GmbH & Co. KG, Essen/Germany
info@kuettnr.com www.kuettnr.com

2541 Multifunctional Lances and Burners for EAF

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

2542 Ladles and Mixers, Pig Iron/Hot Metal, Engineering and Supply

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg, Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

2600 Oxygen Lance Equipment

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2610 Hoses for Oxygen, Heat Protected

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2650 Hose Reels

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2668 Stoking Machines for Electric Furnaces

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

04.10 Steel Works Materials**2710 Recarburizing Agents, all Grades**

Rheinbraun Brennstoff GmbH
 Stüttgenweg 2, 50935 Köln, Germany
 ☎ +49 221 480-25448
 lsr@rwe.com - www.rheinbraun-brennstoff.de

2712 Burning Lances

BEDA-Oxygentechnik
 Armaturen GmbH
 An der Pönt 59, 40858 Ratingen, Germany
 ☎ +49 2102 9109-0 Fax +49 2102 17742
 info@BEDA.com, www.BEDA.com

2720 Deoxidizing Agents

Rheinbraun Brennstoff GmbH
 Stüttgenweg 2, 50935 Köln, Germany
 ☎ +49 221 480-25448
 lsr@rwe.com - www.rheinbraun-brennstoff.de

2750 Desulphurizing and Deoxidizing Reagents

ALMAMET GMBH
 Gewerbestraße 5A, 83404 Ainring, Germany
 ☎ +49 8654 77318-0
 info@almamet.com
 www.almamet.com

2780 FeNb Cored Wire

ODERMATH STAHLWERKSTECHNIK GMBH
 P.O.Box 100556, 40769 Monheim, Germany
 ☎ +49 2173 595-0 Fax +49 2173 595-216
 www.odermath.de

2790 Cored Wire

ODERMATH STAHLWERKSTECHNIK GMBH
 P.O.Box 100556, 40769 Monheim, Germany
 ☎ +49 2173 595-0 Fax +49 2173 595-216
 www.odermath.de

2870 Ladle Covering Compounds

REFRATECHNIK Steel GmbH
 REFRATECHNIK Casting GmbH
 Schiessstr. 58, 40549 Düsseldorf
 ☎ +49 211 5858-0
 steel@refra.com
 www.refra.com"

2920 Tundish Covering Compounds, Granular or Powdered

REFRATECHNIK Steel GmbH
 REFRATECHNIK Casting GmbH
 Schiessstr. 58, 40549 Düsseldorf
 ☎ +49 211 5858-0
 steel@refra.com
 www.refra.com"

04.11 Preparaton of Steel Works Materials**2954 Separation Magnets**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

04.12 Services**2956 Engineering for Steelmaking Plants and Equipment**

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

05 Continuous Casting**2960 Engineering and Technical Assistance**

MAGMA Giessereitechnologie GmbH
 Kackertstr. 11, 52072 Aachen, Germany
 ☎ +49 241 88901-0
 Fax +49 241 88901-60
 www.magmasoft.com
 info@magmasoft.de

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

SMS group GmbH
 Continuous Casting Technology
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

05.02 Continuous Casting Plants for Different Product Dimensions**3020 Continuous Casting Plants for Beam Blanks**

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

3030 Continuous Casting Plants for Slabs

SMS group GmbH
 Continuous Casting Technology
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

3035 High-Speed Billet Casters

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

3040 Continuous Casting Plants for Billets

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

3050 Round Casters

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

3060 Continuous Casting Plants for Blooms and Slabs

SMS group GmbH
 Continuous Casting Technology
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

3070 Continuous Casting Plants for Blooms and Billets

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

05.04 Components**3150 Slab Slitters or Cutters**

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 Mercatorstr. 74 - 78
 47051 Duisburg, Germany
 ☎ +49 203 9929-0 Fax +49 203 9929-400
 bwg@bwg-online.de
 www.bwg-online.com

3160 Slab Grinders

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

3180 Flash Trimmers/Deburrer

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

3200 Rotating Unions for Water-cooled Rollers

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

3212 Marking Machines

SMS Concast AG
Toedistr. 9, 8027 Zürich, Switzerland
☎ +41 44 204 6511 Fax +41 44 202 8122
concast.sales@sms-group.com
www.sms-concast.ch

3215 Electro Magnetic Stirring Systems (Slab/Bloom/Billet Casters)

SMS Concast AG
Toedistr. 9, 8027 Zürich, Switzerland
☎ +41 44 204 6511 Fax +41 44 202 8122
concast.sales@sms-group.com
www.sms-concast.ch

3220 Single-Component Nozzles for Continuous-Casting Cooling

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

3233 Deburring Grinding Machines

BRAUN Maschinenfabrik GmbH
Gmundner Str. 76, 4840 Vöcklabruck,
Austria
☎ +43 7672 72463-12, 72463-46
Fax +43 7672 75652
office@braun.at, www.braun.at

3265 Hydraulic Nozzles for Continuous-Casting Cooling

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

3285 Chains and Sprockets

KettenWulf Betriebs GmbH
Zum Hohenstein 15
59889 Eslohe-Kückelheim, Germany
☎ +49 2973 801-0 Fax +49 2973 801-228
www.kettenwulf.com

3292 Billet Grinders

BRAUN Maschinenfabrik GmbH
Gmundner Str. 76, 4840 Vöcklabruck,
Austria
☎ +43 7672 72463-12, 72463-46
Fax +43 7672 75652
office@braun.at, www.braun.at

3300 Billet Working Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

3310 Billet Sawing Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

3320 Grinding Machines for Billets and Slabs

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

3345 Air Atomizing Nozzles for Continuous-Casting Cooling

Lechler GmbH
 Precision Nozzles - Nozzle Systems
 Ulmer Strasse 128
 72555 Metzingen, Germany
 ☎ +49 7123 962-0
 Fax +49 7123 962-333
 info@lechler.de
 www.lechler.de

Spraying Systems Deutschland GmbH
 - Precision Nozzles & Nozzle Systems
 Großmoorkhe 1, 21079 Hamburg,
 Germany
 ☎ +49 40 766001-0
 Fax +49 40 766001-233
 info@spray.de, www.spray.com

355 Optical Product Recognition (OPR) for Marked Billets

SMS Concast AG
 Toedistr. 9, 8027 Zürich, Switzerland
 ☎ +41 44 204 6511 Fax +41 44 202 8122
 concast.sales@sms-group.com
 www.sms-concast.ch

06 Near-Net-Shape-Casting**06.01 Plants****3572 Combined Thin Slab Casting and Rolling Lines**

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

07 Hot Rolling**3770 Engineering and Technical Assistance**

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

07.01 Hot Strip Mills**3790 Thin Slab Rolling Mills**

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

3820 Steckel Mills, complete

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

3830 Rolling Mills, complete

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

07.02 Plate Rolling Mills**3850 Hot Rolling Mills, complete**

SMS group GmbH
 Hot Flat Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

07.04 Section Mills**3870 Rolling Mills for Light Sections**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

3890 Rolling Mills for Beams and other Sections

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

07.05 Bar and Rod Mills**3910 Guide Equipment for Wire, Bar, or Light-Section Rolling Mills**

MORGARDSHAMMAR Guides and Mill Service
 P.O.Box 101552, 47715 Krefeld, Germany
 ☎ +49 2151 81290 Fax +49 2151 611795
 office@mh-guides.de
 www.morgardshammar.se
 www.mh-guides.com

3955 Bar and Wire Rod Mills for Quality and Special Steels

MORGARDSHAMMAR AB
 Nya Ägatan 23
 SE-77782 Smedjebacken
 SWEDEN
 ☎ +46 240 668500 Fax +46 240 668501
 mh@morgardshammar.se
 www.morgardshammar.se

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

3970 Hot Rolling Mills for Long Products

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

07.06 Ring Rolling Mills**3980 Ring Rolling Machines and Mills**

SMS group GmbH
 Stockumer Str. 28
 58431 Witten, Germany
 ☎ +49 2302 7098-0
 Fax +49 2302 7098-3356
 communications@sms-group.com
 www.sms-group.com

07.07 Dressing and Straightening Plants**4030 Hot/Cold Abrasive Cut-Off-Machines**

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

4040 Cold Circular Sawing Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

07.08 Rolls for Hot Rolling Mills**4090 Work Rolls**

WALZEN IRLE GMBH
 P.O.Box 3161, 57244 Netphen, Germany
 ☎ +49 2737 504-0
 Fax +49 2737 504-1 11
 information@walzenirle.com
 www.walzenirle.com

4100 Plate Rolls

WALZEN IRLE GMBH
 P.O.Box 3161, 57244 Netphen, Germany
 ☎ +49 2737 504-0
 Fax +49 2737 504-1 11
 information@walzenirle.com
 www.walzenirle.com

4160 Chilled Cast Iron Rolls

WALZEN IRLE GMBH
 P.O.Box 3161, 57244 Netphen, Germany
 ☎ +49 2737 504-0
 Fax +49 2737 504-1 11
 information@walzenirle.com
 www.walzenirle.com

07.09 Roll Machining and Machines**4300 EDT Systems**

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

4330 Roll Pass Dressing Machines

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

4340 Groove Grinding Machines

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

4350 Notch Milling Machines

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

4370 Roll Machining Devices

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

4380 Roll Lathes

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

4390 Roll Grinding Machines

Maschinenfabrik Herkules GmbH & Co. KG
Eisenhüttenstr. 21
57074 Siegen, Germany
☎ +49 271 6906-0
www.herkules-machinetools.com

07.10 Components**4490 Nozzles for Descaling**

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

4500 Nozzles for Roll Cooling

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

4502 Selective Roll Cooling Systems

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

4510 Electric Motor Rollers and Roller Tables

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

4528 Descaling Systems using High Pressure Water

Hauhinco Maschinenfabrik GmbH & Co.KG
Beisenbruchstr.10, 45549 Sprockhövel
☎ +49 2324 705-0, Fax +49 2324 705-119
info@hauhinco.de
www.hauhinco.de

HYDROWATT AG
Freistrasse 2
8200 Schaffhausen/Switzerland
☎ +41 52 624 5322 Fax +41 52 625 6211
info@hydrowatt.com
www.hydrowatt.com

SMS group GmbH
Hot Flat Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

4555 Chains and Sprockets

KettenWulf Betriebs GmbH
 Zum Hohenstein 15
 59889 Eslohe-Kückelheim, Germany
 ☎ +49 2973 801-0 Fax +49 2973 801-228
 www.kettenwulf.com

4640 Marking Paints for Sheets, Slabs, and Tubes

Dr. Albert Lauber KG - Lackfabrik
 P.O.Box 11 04 44
 42304 Wuppertal - Germany
 ☎ +49 202 780916 Fax +49 202 785299
 Lauber-Lacke-Wuppertal@t-online.de
 www.lauber-lacke.de

4690 Cooling Banks

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

4840 Transport and Conveying Devices for Wide Strip

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

4880 Roll Cooling Systems

SMS group GmbH
 Water Management Systems
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

08 Forging, Extrusion**4940 Modernization of Water-Hydraulic Controls**

Hauhinco Maschinenfabrik GmbH & Co.KG
 Beisenbruchstr.10, 45549 Sprockhövel
 ☎ +49 2324 705-0, Fax +49 2324 705-119
 info@hauhinco.de
 www.hauhinco.de

08.01 Forging Mills**4960 Open-Die Forging Plants**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

4970 Die Forging Plants

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5020 Presses, in general

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5030 Presses/Forging Machines

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5040 Radial Forging Machines

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5050 Radial and Axial Die Rolling Mills, Machines, and Plants

SMS group GmbH
 Stockumer Str. 28
 58431 Witten, Germany
 ☎ +49 2302 7098-0
 Fax +49 2302 7098-3356
 communications@sms-group.com
 www.sms-group.com

5070 Ring Blank Presses

SMS group GmbH
 Stockumer Str. 28
 58431 Witten, Germany
 ☎ +49 2302 7098-0
 Fax +49 2302 7098-3356
 communications@sms-group.com
 www.sms-group.com

5080 Forging Presses

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5090 Horizontal Forging Equipment, Upsetting Machines

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

08.02 Extrusion**5100 Metal Tube Pressing and Metal Extrusion**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

5120 Extrusion Presses for Sections (non-ferrous)

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

08.03 Components**5150 Forging Manipulators**

DANGO & DIENENTHAL
 Maschinenbau GmbH
 P.O.Box 10 02 03, 57002 Siegen, Germany
 ☎ +49 271 401-0 Fax +49 271 401-4210
 www.dango-dienenthal.de

5155 Rail-Bound Forging Manipulators

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

5180 Transportation Manipulators

DANGO & DIENENTHAL
Maschinenbau GmbH
P.O.Box 10 02 03, 57002 Siegen, Germany
☎ +49 271 401-0 Fax +49 271 401-4210
www.dango-dienenthal.de

5184 Water-Hydraulic Drive and Control Technology

Hauhinco Maschinenfabrik GmbH & Co.KG
Beisenbruchstr.10, 45549 Sprockhövel
☎ +49 2324 705-0, Fax +49 2324 705-119
info@hauhinco.de
www.hauhinco.de

08.04 Operating Materials

5190 Lubricants for Extruding Presses

Chemische Fabrik Budenheim KG
Rheinstr. 27, 55257 Budenheim, Germany
www.budenheim.com

09 Powder Metallurgy

09.06 Equipment for the Production of Sintered Carbide Alloys

5405 Hydraulic, Mechanical, and Hybrid Powder Presses

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

10 Cold Rolling

5480 Engineering and Technical Assistance

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

10.01 Cold Rolling Mills

5490 Rolling Mills for Strip, Sheet, as well as Cold Rolling Mills and Metal Rolling Mills

ANDRITZ Sundwig GmbH
P.O.Box 1655, 58656 Hemer, Germany
☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

5520 Cold Rolling Mills, complete

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

5523 Modernizing of Cold Rolling Mills

ANDRITZ Sundwig GmbH
P.O.Box 1655, 58656 Hemer, Germany
☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

5540 Cold Rolling Mills for Flat Products

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

10.02 Skin Pass Rolling Mills

5550 Skin Pass Rolling Mills

ANDRITZ Sundwig GmbH
P.O.Box 1655, 58656 Hemer, Germany
☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

5555 Skin Pass Stands for Hot and Cold Strip

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

10.03 Dressing and Straightening Plants

5560 Dressing and Straightening Plants

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

5590 Strip Processing Lines

ANDRITZ Sundwig GmbH
P.O.Box 1655, 58656 Hemer, Germany
☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

5600 Slitting and Cut-to-Length Lines

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

5640 Stretch Levelling Facilities for Strip

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

5663 Tension Levelling Lines

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

10.04 Annealing Plants**5668 Continuous Annealing Lines**

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

5670 Annealing Plants

LOI Thermprocess GmbH
 Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
 loi@tenova.com
 www.tenova.com

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

5672 Annealing and Pickling Lines

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

5673 Bright Annealing Lines

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

SMS group GmbH
Strip Processing Lines
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

5685 Modernizing of Annealing and Pickling Plants

ANDRITZ Sundwig GmbH
P.O.Box 1655, 58656 Hemer, Germany
☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

10.05 Rolls for Cold Rolling Mills**5750 Mill Rolls (Non-Woven Rolls)**

JVM Industries GmbH
Feldheider Str. 76 - 78
40699 Erkrath, Germany
☎ +49 2104 35678 Fax +49 2104 33930
JVM Rolls (synthetic fibre rolls)
www.jvm-industries.de

10.06 Components**5835 Chains and Sprockets**

KettenWulf Betriebs GmbH
Zum Hohenstein 15
59889 Eslohe-Kückelheim, Germany
☎ +49 2973 801-0 Fax +49 2973 801-228
www.kettenwulf.com

5932 Selective Roll Cooling Systems

Lechler GmbH
Precision Nozzles - Nozzle Systems
Ulmer Strasse 128
72555 Metzingen, Germany
☎ +49 7123 962-0
Fax +49 7123 962-333
info@lechler.de
www.lechler.de

11 Surface Treatment**5970 Engineering and Technical Assistance**

SMS group GmbH
Strip Processing Lines
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

5980 Descaling of Sheet Parts

Chemische Fabrik Budenheim KG
Rheinstr. 27, 55257 Budenheim, Germany
www.budenheim.com

11.01 Descaling Plants**5990 Descaling by Bending of Strip**

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

6018 Descaling Systems using High Pressure Water

Hauhinco Maschinenfabrik GmbH & Co.KG
 Beisenbruchstr.10, 45549 Sprockhövel,
 Germany
 ☎ +49 2324 705-0, Fax +49 2324 705-119
 info@hauhinco.de
 www.hauhinco.de

HYDROWATT AG
 Freistrasse 2
 8200 Schaffhausen/Switzerland
 ☎ +41 52 624 5322 Fax +41 52 625 6211
 info@hydrowatt.com
 www.hydrowatt.com

11.02 Pickling Plants**6090 Pickling Plants, in general**

POLIGRAT GmbH
 Valentin-Linhoff-Str. 19
 81829 München, Germany
 www.poligrat.de

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

6100 Pickling Lines for Strip and Wire

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

6130 Pickling Agents

DFE Chemie GmbH, Germany
 www.dfe-chemie.com

Keller & Bohacek GmbH & Co. KG
 Liliencronstr. 64, 40472 Düsseldorf, Germany
 ☎ +49 211 9653-0, Fax +49 211 655202
 info@kebo.de, www.kebo.de

6140 Pickling Agents for High-Grade Steels

Keller & Bohacek GmbH & Co. KG
 Liliencronstr. 64, 40472 Düsseldorf, Germany
 ☎ +49 211 9653-0, Fax +49 211 655202
 info@kebo.de, www.kebo.de

6150 Pickling Products for 'Stainless Steel

POLIGRAT GmbH
 Valentin-Linhoff-Str. 19
 81829 München, Germany
 www.poligrat.de

6180 Pickling Compounds

DFE Chemie GmbH, Germany
 www.dfe-chemie.com

Keller & Bohacek GmbH & Co. KG
 Liliencronstr. 64, 40472 Düsseldorf, Germany
 ☎ +49 211 9653-0, Fax +49 211 655202
 info@kebo.de, www.kebo.de

6190 Job Pickling

POLIGRAT GmbH
 Valentin-Linhoff-Str. 19
 81829 München, Germany
 www.poligrat.de

6200 Pickling Solution Regeneration Plants

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

11.04 Surface Treatment Plants**6260 Coil Coating Plants**

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

6290 Coating Plants

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

6305 Color Coating Lines

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

**6310 Industrial Services of
Pickling and Electropolishing
of Steel and High-Grade Steel**

POLIGRAT GmbH
 Valentin-Linhoff-Str. 19
 81829 München, Germany
www.poligrat.de

6330 Electric Polishing Plants

POLIGRAT GmbH
 Valentin-Linhoff-Str. 19
 81829 München, Germany
www.poligrat.de

6350 Deburring Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
office@braun.at, www.braun.at

6360 Paint Coating Lines

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

**6410 Metal Processing Lines,
Electrochemical**

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

**6430 Degreasing Lines for
Metal Strip**

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
www.bwg-online.com

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

6450 Surface Treatment, Surface Techniques

VULKAN INOX GmbH
 Abrasive Technology
 Gottwaldstr. 21
 45525 Hattingen, Germany
 ☎ +49 2324 56160 Fax +49 2324 53470
 info@vulkan-inox.de www.vulkan-inox.de

6460 Surface Treatment Lines

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

6480 Surface Drying, Inductive

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

11.05 Aluminizing, Galvanizing and Tinning**6603 Equipment for Hot Dip Tinning, Galvanizing and Aluminizing of Strips**

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

6610 Electro galvanizing Plants

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

6620 Electrolytic Tinning Plants

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

6630 Hot Dip Galvanizing Lines

ANDRITZ Sundwig GmbH
 P.O.Box 1655, 58656 Hemer, Germany
 ☎ +49 2372 54-0 Fax +49 2372 54-200
 www.andritz.com · sundwig_welcome@andritz.com

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

SMS group GmbH
 Strip Processing Lines
 Eduard-Schloemann-Str. 4
 40237 Düsseldorf, Germany
 ☎ +49 211 881-0
 Fax +49 211 881-4841
 communications@sms-group.com
 www.sms-group.com

6640 Hot Dip Galvanizing Plants, Equipment

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

6650 Induction Galvannealing

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

6680 Fusing of Tin, Inductive (Tin Reflow)

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

11.06 Corrosion Protection**6750 Protection against Corrosion and Oxidation**

Chemische Fabrik Budenheim KG
 Rheinstr. 27, 55257 Budenheim, Germany
 www.budenheim.com

Institut für Korrosionsschutz Dresden GmbH
 Gostritzer Str. 65
 01217 Dresden/Germany www.iks-dresden.de
 ☎ +49 351 8717100 Fax 8717150

Keller & Bohacek GmbH & Co. KG
 Liliencronstr. 64, 40472 Düsseldorf, Germany
 ☎ +49 211 9653-0, Fax +49 211 655202
 info@kebo.de, www.kebo.de

11.07 Components**6790 Nozzles (also for Grit-Blasting and Descaling)**

Spraying Systems Deutschland GmbH
 - Precision Nozzles & Nozzle Systems
 Großmoorkehre 1, 21079 Hamburg, Germany
 ☎ +49 40 766001-0
 Fax +49 40 766001-233
 info@spray.de, www.spray.com

6820 Spraying Systems

Lechler GmbH
 Precision Nozzles - Nozzle Systems
 Ulmer Strasse 128
 72555 Metzingen, Germany
 ☎ +49 7123 962-0
 Fax +49 7123 962-333
 info@lechler.de
 www.lechler.de

Spraying Systems Deutschland GmbH
 - Precision Nozzles & Nozzle Systems
 Großmoorkehre 1, 21079 Hamburg, Germany
 ☎ +49 40 766001-0
 Fax +49 40 766001-233
 info@spray.de, www.spray.com

11.08 Operating Materials**6870 Metal Cleaners**

Keller & Bohacek GmbH & Co. KG
 Liliencronstr. 64, 40472 Düsseldorf, Germany
 ☎ +49 211 9653-0, Fax +49 211 655202
 info@kebo.de, www.kebo.de

6900 Abrasives and Shot Techniques, in general

VULKAN INOX GmbH
 Abrasive Technology
 Gottwaldstr. 21
 45525 Hattingen, Germany
 ☎ +49 2324 56160 Fax +49 2324 53470
 info@vulkan-inox.de www.vulkan-inox.de

12 Production of Bright Steel and Wire

6920 Engineering and Technical Assistance

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

13 Production of Tubes/Pipes

13.01 Tube Mills

7330 Sizing Mills

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

7335 Pilger Mills, Hot and Cold

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

7368 Cone-Type Piercing Mills

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

7380 Plug Mills

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

7390 Stretch Reducing Mills

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

13.02 Tube Drawing Machines

7410 Tube Drawing Machines

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

13.03 Tube Welding Systems

7438 Large-Diameter Pipe Plants

SMS group GmbH
Ohlerkirchweg 66
41061 Mönchengladbach, Germany
☎ +49 2161 350-0 Fax 350-1667
communications@sms-group.com
www.sms-group.com

7440 Longitudinal Tube Welding Systems

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

13.04 Tube Dressing and Straightening Systems**7480 Dressing and Straightening Machines**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7530 Tube-End Sizing and Upsetting Presses

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7560 Tube Straightening and Cutting Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7570 Tube Grinding Machines (inside and outside)

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

13.05 Components**7582 Pipe End Chamfering and Threading Machines**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7588 Chains and Sprockets

KettenWulf Betriebs GmbH
 Zum Hohenstein 15
 59889 Eslohe-Kückelheim, Germany
 ☎ +49 2973 801-0 Fax +49 2973 801-228
 www.kettenwulf.com

7590 Strip and Plate Edge Milling Machines

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7640 Tube Testing Installations

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7650 Tube Sawing Installations

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

7663 Sawing Machines, Automatic

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

14 Secondary Forming**14.01 Installations, Presses, Machines****7776 Plate Edge Crimping Presses**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7920 O-Press Installations

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

7940 U-Press Installations

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

14.02 Plate Cutting Systems**8030 Slitting and Cut-to-Length Machines**

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

14.04 Components**8430 Plate Stretchers**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

15 Steel Products

15.01 Rolled Steel

8530 Strip Steel, Hot-Rolled

BANDTEC Stahlband GmbH
Rheinstr. 110 - 112, 45478 Mülheim an der Ruhr, Germany
☎ +49 208 821318-00
www.bandtec.de

8680 Electrical Quality Sheet and Strip

C.D. Wälzholz GmbH & Co. KG
Feldmühlenstr. 55
58093 Hagen, Germany
☎ +49 2331 964-0
Fax +49 2331 964-2100
info@waelzholz.com, www.waelzholz.com

8930 Cold Drawn Special Steel Sections

WALZWERKE EINSAL GMBH
Altenaer Str. 85, 58769 Nachrodt, Germany
☎ +49 2352 332-119,
Fax +49 2352 332-192
info@einsal.com, www.einsal.com

8940 Special Steel Sections, Hot-Rolled

WALZWERKE EINSAL GMBH
Altenaer Str. 85, 58769 Nachrodt, Germany
☎ +49 2352 332-119,
Fax +49 2352 332-192
info@einsal.com, www.einsal.com

8976 Bars (High-Grade Steel, of all Dimensions)

WALZWERKE EINSAL GMBH
Altenaer Str. 85, 58769 Nachrodt, Germany
☎ +49 2352 332-119,
Fax +49 2352 332-192
info@einsal.com, www.einsal.com

15.02 Tubes

9180 Line Pipes

Mannesmann Line Pipe GmbH
P.O.Box 120152, 57022 Siegen, Germany
info.mlp@mannesmann.com
www.mannesmann-linepipe.com

9240 Oil Country Tubular Goods

Mannesmann Line Pipe GmbH
P.O.Box 120152, 57022 Siegen, Germany
info.mlp@mannesmann.com
www.mannesmann-linepipe.com

9390 Mechanical Steel Tubes

Mannesmann Line Pipe GmbH
P.O.Box 120152, 57022 Siegen, Germany
info.mlp@mannesmann.com
www.mannesmann-linepipe.com

15.05 High-Grade Steel

- a) Semi-finished Products, Rolled or Forged
- b) Merchant Bars, Rolled or Forged
- c) Wire Rod
- d) Sheets, Hot Rolled or Cold Rolled
- e) Wide Strip, Hot Rolled or Cold Rolled
- f) Strip Steel, Hot Rolled
- g) Cold Strip
- h) Cladded Sheets
- i) Hammer Forgings
- j) Drop Forgings
- k) Bright Steel (bars or wires, drawn, rough turned, grounded, polished)
- l) Seamless or Seam-welded Tubes and Joints
- m) Special Sections, Hot Rolled, Hot Extruded or Drawn
- n) Cold-rolled Sections
- o) Vacuum-melted Steel, ESR-Steel
- p) Heavy-plate Products, Pressed, Dished, Bended, Edge-trimmed
- q) Seamless Rings
- r) Narrow Strip, GK (cut edges), and Round-off Edges
- s) Blanks, Round Blanks, Rings
- t) Bars made of Strip, GK (cut edges), Round-off Edges
- u) Flat Steel
- v) Wide Flat Steel

9650 Stainless, Acid, and Heat Resistant Steels (a-v)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

WALZWERKE EINSAL GMBH
 Altenaer Str. 85, 58769 Nachrodt, Germany
 ☎ +49 2352 332-119,
 Fax +49 2352 332-192
 info@einsal.com, www.einsal.com

9670 High-Speed Steels (a-v)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

9690 Steels with Special Physical Properties (a-v)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

9710 Roller-Bearing Steels (a-v)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

9720 Tool Steel, alloyed or unalloyed (a-v)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

**15.06 Products from
 Drawing Plants and
 Cold-Rolling Mills**
9730 Bright Steel (incl. Bright Free-Cutting Steel, Bright-Steel shafts, Bright Special shapes)

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
 www.ezm-mark.de

9740 Steel Strip for Springs

BILSTEIN GmbH & Co. KG
 DEPARTMENT STEELSERVICE
 P.O.B. 51 45, 58101 Hagen, Germany
 ☎ +49 2334 821400
 Fax +49 2334 822025
 www.bilstein-kaltband.de

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9750 Cold Rolled Strip

BILSTEIN GmbH & Co. KG
 DEPARTMENT STEELSERVICE
 P.O.B. 51 45, 58101 Hagen, Germany
 ☎ +49 2334 821400
 Fax +49 2334 822025
 www.bilstein-kaltband.de

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9755 Cold Strip with Plated Surface

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9760 Cold Strip with Bright Surface

BILSTEIN GmbH & Co. KG
 DEPARTMENT STEELSERVICE
 P.O.B. 51 45, 58101 Hagen, Germany
 ☎ +49 2334 821400
 Fax +49 2334 822025
 www.bilstein-kaltband.de

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9770 Cold Strip with Refined Surface

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9817 Precision Strip Steel

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
 info@waelzholz.com, www.waelzholz.com

9830 Steel Strips for Baling

BILSTEIN GmbH & Co. KG
 DEPARTMENT STEELSERVICE
 P.O.B. 51 45, 58101 Hagen, Germany
 ☎ +49 2334 821400
 Fax +49 2334 822025
www.bilstein-kaltband.de

9860 Products from Drawing Plants and Cold-Rolling Mills

BILSTEIN GmbH & Co. KG
 DEPARTMENT STEELSERVICE
 P.O.B. 51 45, 58101 Hagen, Germany
 ☎ +49 2334 821400
 Fax +49 2334 822025
www.bilstein-kaltband.de

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
www.ezm-mark.de

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
info@waelzholz.com, www.waelzholz.com

15.07 Wire and Wire Products**10015 Section Wire**

EZM Edelstahlzieherei Mark GmbH
 Auf der Bleiche 26, 58300 Wetter, Germany
 ☎ +49 2335 977-0
 Fax +49 2335 977-277
www.ezm-mark.de

10020 Flat Wire, Section Wire

C.D. Wälzholz GmbH & Co. KG
 Feldmühlenstr. 55
 58093 Hagen, Germany
 ☎ +49 2331 964-0
 Fax +49 2331 964-2100
info@waelzholz.com, www.waelzholz.com

16 Furnace and Energy Technology**16.02 Forging Furnaces****10230 Forging Furnaces**

LOI Thermprocess GmbH
 Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
loi@tenova.com
www.tenova.com

10240 Forging Furnaces, Gas Fired

Löcher
 Industrieofen- und Apparatebau GmbH
 57271 Hilchenbach/Westf., Germany
 ☎ +49 2733 89685-0 Fax +49 2733 8326
www.loecher.de

16.03 Continuous Roller-Hearth Annealing Furnaces**10260 Continuous Roller-Hearth Furnaces**

Löcher
 Industrieofen- und Apparatebau GmbH
 57271 Hilchenbach/Westf., Germany
 ☎ +49 2733 89685-0 Fax +49 2733 8326
www.loecher.de

LOI Thermprocess GmbH

Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
 loi@tenova.com
 www.tenova.com

16.04 Continuous Furnaces for Wire Strip

10280 Strip Heating, Inductive

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

10290 Strip Edge Heating, Inductive

INDUCTOTHERM COATING EQUIPMENT S.A.
 Rue de Hermée, 197, 4040 Herstal, Belgium
 ☎ +32 4248 94 11 Fax +32 4264 35 49
 mail@inductotherm.be
 www.inductotherm.be

10300 Continuous Furnaces for Wide Strip

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

16.05 Bell-Type Furnaces

10310 Bell-Type Furnaces

LOI Thermprocess GmbH
 Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
 loi@tenova.com
 www.tenova.com

16.07 Hardening and QT-Plants

10360 Hardening Furnaces

LOI Thermprocess GmbH
 Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
 loi@tenova.com
 www.tenova.com

10380 Hardening and QT-Plants, Gas-fired

Löcher
 Industrieofen- und Apparatebau GmbH
 57271 Hilchenbach/Westf., Germany
 ☎ +49 2733 89685-0 Fax +49 2733 8326
 www.loecher.de

16.08 Heating and Heat Treatment Installations

10408 Continuous Furnaces

LOI Thermprocess GmbH
 Am Lichtbogen 29, 45141 Essen, Germany
 ☎ +49 201 1891-1 Fax +49 201 1891-321
 loi@tenova.com
 www.tenova.com

10430 Bogie-Type Furnaces

Löcher
 Industrieofen- und Apparatebau GmbH
 57271 Hilchenbach/Westf., Germany
 ☎ +49 2733 89685-0 Fax +49 2733 8326
 www.loecher.de

10510 Roller Hearth and Walking Beam Furnaces

Löcher
 Industrieofen- und Apparatebau GmbH
 57271 Hilchenbach/Westf., Germany
 ☎ +49 2733 89685-0 Fax +49 2733 8326
 www.loecher.de

10540 Pusher-Type Furnaces, Roller Hearth, and Rotary Hearth Furnaces

Löcher

Industrieofen- und Apparatebau GmbH
57271 Hilchenbach/Westf., Germany
☎ +49 2733 89685-0 Fax +49 2733 8326
www.loecher.de

16.09 Bath Furnaces

10580 Melting Furnaces for Aluminium

LOI Thermprocess GmbH
Am Lichtbogen 29, 45141 Essen, Germany
☎ +49 201 1891-1 Fax +49 201 1891-321
loi@tenova.com
www.tenova.com

16.12 Insulations

10800 Thermal Insulation

Etex Building Performance GmbH
Bereich Promat, Ratingen, Germany
industry.verkauf@promat.de
www.promat-industry.de

16.13 Components

11050 Safety Devices for EAF Oxy Fuel Burners

BEDA-Oxygentechnik
Armaturen GmbH
An der Pönt 59, 40858 Ratingen, Germany
☎ +49 2102 9109-0 Fax +49 2102 17742
info@BEDA.com, www.BEDA.com

17 Refractories Technology

11248 Controlling of Refractory Components

Saveway GmbH & Co. KG
Wümbacher Str. 8
98704 Langewiesen, Germany
☎ +49 3677 8060-0, Fax +49 3677 8060-99
www.saveway-germany.de

17.03 Refractories

11450 Calcium Silicate

Etex Building Performance GmbH
Bereich Promat, Ratingen, Germany
industry.verkauf@promat.de
www.promat-industry.de

11500 Prefabricated Units, Refractory

MAGNOLITHE GmbH
8715 St. Lorenzen 36, Austria
☎ +43 3515 72510 Fax +43 3515 7169
office@magnolithe.at

REFRATECHNIK Steel GmbH
REFRATECHNIK Casting GmbH
Schiebsstr. 58, 40549 Düsseldorf
☎ +49 211 5858-0
steel@refra.com
www.refra.com

11510 Refractory Concrete

REFRATECHNIK Steel GmbH
 REFRATECHNIK Casting GmbH
 Schiessstr. 58, 40549 Düsseldorf
 ☎ +49 211 5858-0
 steel@refra.com
 www.refra.com

11520 Refractories, in general

MAGNOLITHE GmbH
 8715 St. Lorenzen 36, Austria
 ☎ +43 3515 72510 Fax +43 3515 7169
 office@magnolithe.at

L. & F. PETERS GmbH
 www.peters-feuerfest.de

REFRATECHNIK Steel GmbH
 REFRATECHNIK Casting GmbH
 Schiessstr. 58, 40549 Düsseldorf
 ☎ +49 211 5858-0
 steel@refra.com
 www.refra.com

RHI MAGNESITA
 Wienerbergstr. 9, 1100 Vienna, Austria
 P.O.Box 143, 1011 Vienna, Austria
 ☎ +43 502 13-0
 Fax +43 502 13-6213
 www.rhimagnesita.com

11550 Refractory Materials

REFRATECHNIK Steel GmbH
 REFRATECHNIK Casting GmbH
 Schiessstr. 58, 40549 Düsseldorf
 ☎ +49 211 5858-0
 steel@refra.com
 www.refra.com

RHI Magnesita GmbH
 Kranichberggasse 6, 1120 Vienna, Austria
 ☎ +43 502 13-0
 Fax +43 502 13-6213
 www.rhimagnesita.com

17.04 Processing of Refractories**12060 Testing of Refractory Material**

DIFK Deutsches Institut für
 Feuerfest und Keramik GmbH
 Rheinstr. 58
 56203 Höhr-Grenzhausen, Germany
 ☎ +49 2624 9433-200
 Fax +49 2624 9433-205
 info@difk.de
 www.difk.de

17.05 Machines for Refractory Construction**12070 Air Hammers to Break-out Slag and Refractories**

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

12071 Lining and Removal Robots

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

12095 Converter lining equipment

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

12100 Manipulators for Refractories

TML Technik GmbH
Daimlerstr. 14-16, 40789 Monheim,
Germany
☎ +49 2173 9575-100
Fax +49 2173 9575-400
info@tml-technik.com, www.tml-technik.com

UELZENER MASCHINEN GMBH
Stahlstr. 26-28, 65428 Rüsselsheim,
Germany
☎ +49 6142 17768-0
Fax +49 6142 17768-50
contact@uelzener-ums.de
www.uelzener-ums.de
ESTROMAT-REFRACTORY MACHINES

12110 Ladle Spraying and Gunning Installations

UELZENER MASCHINEN GMBH
Stahlstr. 26-28, 65428 Rüsselsheim,
Germany
☎ +49 6142 17768-0
Fax +49 6142 17768-50
contact@uelzener-ums.de
www.uelzener-ums.de
ESTROMAT-REFRACTORY MACHINES

12120 Pumping Machines for Refractories

UELZENER MASCHINEN GMBH
Stahlstr. 26-28, 65428 Rüsselsheim,
Germany
☎ +49 6142 17768-0
Fax +49 6142 17768-50
contact@uelzener-ums.de
www.uelzener-ums.de
ESTROMAT-REFRACTORY MACHINES

12140 Spraying and Gunning Machines for Refractories

TML Technik GmbH
Daimlerstr. 14-16, 40789 Monheim,
Germany
☎ +49 2173 9575-100
Fax +49 2173 9575-400
info@tml-technik.com, www.tml-technik.com

UELZENER MASCHINEN GMBH
Stahlstr. 26-28, 65428 Rüsselsheim,
Germany
☎ +49 6142 17768-0
Fax +49 6142 17768-50
contact@uelzener-ums.de
www.uelzener-ums.de
ESTROMAT-REFRACTORY MACHINES

17.06 Refractory Constructions**12160 Linings for Furnaces of all Types**

Dörentrup Feuerfestprodukte
GmbH & Co. KG
Lemgoer Straße 9
32694 Dörentrup / Germany
☎ +49 5265 71-60 /
Fax +49 5265 71-61
info.dfp@doerentrup.de
www.doerentrup-feuerfest.de

12180 Refractory Constructions

Dörentrup Feuerfestprodukte
GmbH & Co. KG
Lemgoer Straße 9
32694 Dörentrup / Germany
☎ +49 5265 71-60 /
Fax +49 5265 71-61
info.dfp@doerentrup.de
www.doerentrup-feuerfest.de

12190 Refractory Tamping Clays

Dörentrup Feuerfestprodukte
GmbH & Co. KG
Lemgoer Straße 9
32694 Dörentrup / Germany
☎ +49 5265 71-60 /
Fax +49 5265 71-61
info.dfp@doerentrup.de
www.doerentrup-feuerfest.de

17.07 Services**12206 Refractory Systems**

Dörentrup Feuerfestprodukte GmbH & Co. KG
 Lemgoer Straße 9
 32694 Dörentrup / Germany
 ☎ +49 5265 71-60 / Fax +49 5265 71-61
 info.dfp@doerentrup.de
 www.doerentrup-feuerfest.de

18 Machinery and Plant Engineering**12210 Plant Construction, in general**

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

12230 Engineering and Technical Assistance

ASKU - Scholten GmbH
 Am Buchenberg 2, 47198 Duisburg,
 Germany
 ☎ +49 2066 9964-0, Fax +49 2066 370666
 www.asku-scholten.de

SMS group GmbH
 Ohlerkirchweg 66
 41061 Mönchengladbach, Germany
 ☎ +49 2161 350-0 Fax 350-1667
 communications@sms-group.com
 www.sms-group.com

18.04 Foundry Plants, Machines and Requirements**12530 Foundry Plants, Machines and Equipment**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

18.06 Airing Plants and Appliances**12635 Ventilators for Industrial Use**

POLLRICH GmbH
 Heavy Duty Industrial Fans & Fan Service
 www.pollrich.com
 ☎ +49 271 66123-0

Ventilatorenfabrik Oelde GmbH
 Robert-Schuman-Ring 21
 59302 Oelde, Germany
 ☎ +49 2522 75-0, Fax -250
 info@venti-oelde.de, www.venti-oelde.com

18.10 Engines and Machines**13070 Piston Pumps**

HYDROWATT AG
 Freistrasse 2
 8200 Schaffhausen/Switzerland
 ☎ +41 52 624 5322 Fax +41 52 625 6211
 info@hydrowatt.com
 www.hydrowatt.com

18.11 Gearings and Driving Elements

13180 Brakes

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg,
Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

13190 Brake-Disc Fastening

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg,
Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

13195 Torque Limiting

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13200 Flanged Couplings

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13250 Heavy Gearings

SMS group GmbH
Hot Flat Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

13270 Couplings

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg,
Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13290 Couplings, Mechanical and Hydrodynamic

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13310 Safety Couplings

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13318 Shafts, Spindles

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13320 Special Constructions

M.A.T. Malmédie Antriebstechnik GmbH
Dycker Feld 28
42653 Solingen, Germany
☎ +49 212 25811-0
www.malmedi.com
info@malmedi.com

13360 Shaft Couplings (Rigid)

M.A.T. Malmédie Antriebstechnik GmbH
 Dycker Feld 28
 42653 Solingen, Germany
 ☎ +49 212 25811-0
 www.malmedi.com
 info@malmedi.com

13365 Shaft Couplings, Flexible, Gear- and Disc

M.A.T. Malmédie Antriebstechnik GmbH
 Dycker Feld 28
 42653 Solingen, Germany
 ☎ +49 212 25811-0
 www.malmedi.com
 info@malmedi.com

18.12 Bearings**13490 Anti-Friction Bearings**

TIMKEN GmbH
 Reisholzer Werftstrasse 38-40
 40589 Düsseldorf, Germany
 ☎ +49 211 917460,
 www.timken.com/de/kontakt/

18.13 Oil-Hydraulic Equipment, Appliances and Auxiliaries**13670 Water Hydraulics**

HYDROWATT AG
 Freistrasse 2
 8200 Schaffhausen/Switzerland
 ☎ +41 52 624 5322 Fax +41 52 625 6211
 info@hydrowatt.com
 www.hydrowatt.com

18.15 Pipelines and Auxiliaries**13947 Flexible Tubes with Ceramic Wear Protection**

STEIN INJECTION TECHNOLOGY GmbH
 Hagener Str. 20-24, 58285 Gevelsberg,
 Germany
 ☎ +49 2332 75742-0
 Fax +49 2332 75742-40
 stein@sit-gmbh.net - www.sit-gmbh.net

18.18 Machine Tools**14015 Slab-Sawing-Machines**

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

14090 Cold Circular Sawing Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

14095 Hot Circular Sawing Machines

BRAUN Maschinenfabrik GmbH
 Gmundner Str. 76, 4840 Vöcklabruck,
 Austria
 ☎ +43 7672 72463-12, 72463-46
 Fax +43 7672 75652
 office@braun.at, www.braun.at

14130 Shears for Metallurgical Plants

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

14195 Concrete Cutting Saws

BRAUN Maschinenfabrik GmbH
Gmundner Str. 76, 4840 Vöcklabruck,
Austria
☎ +43 7672 72463-12, 72463-46
Fax +43 7672 75652
office@braun.at, www.braun.at

14200 Stone-cutting Saws

BRAUN Maschinenfabrik GmbH
Gmundner Str. 76, 4840 Vöcklabruck,
Austria
☎ +43 7672 72463-12, 72463-46
Fax +43 7672 75652
office@braun.at, www.braun.at

14220 Friction Sawing Machines

BRAUN Maschinenfabrik GmbH
Gmundner Str. 76, 4840 Vöcklabruck,
Austria
☎ +43 7672 72463-12, 72463-46
Fax +43 7672 75652
office@braun.at, www.braun.at

18.21 Components**14440 Nozzles (incl. Blow-off Nozzles and Descaling Nozzles)**

Spraying Systems Deutschland GmbH
- Precision Nozzles & Nozzle Systems
Großmoorkehre 1, 21079 Hamburg,
Germany
☎ +49 40 766001-0
Fax +49 40 766001-233
info@spray.de, www.spray.com

19 Transport and Storage Techniques**14530 Engineering and Technical Assistance**

ASKU - Scholten GmbH
Am Buchenberg 2, 47198 Duisburg,
Germany
☎ +49 2066 9964-0, Fax +49 2066 370666
www.asku-scholten.de

19.01 Iron and Steel Works Vehicles**14590 Iron and Steel Works Vehicles, in general**

DANGO & DIENENTHAL
Maschinenbau GmbH
P.O.Box 10 02 03, 57002 Siegen, Germany
☎ +49 271 401-0 Fax +49 271 401-4210
www.dango-dienenthal.de

19.03 Track Technique**14680 Turntables and Transfer Tables**

BWG Bergwerk- und Walzwerk-
Maschinenbau GmbH
47051 Duisburg, Germany
www.bwg-online.com

19.04 Trackless Vehicles**14820 Telescopic Excavators**

TML Technik GmbH
 Daimlerstr. 14-16, 40789 Monheim,
 Germany
 ☎ +49 2173 9575-100
 Fax +49 2173 9575-400
 info@tml-technik.com, www.tml-technik.com

19.05 Continuous Conveyors**14830 Conveying Installations,
in general**

Küttner GmbH & Co. KG, Essen/Germany
 info@kuettner.com www.kuettner.com

14840 Pneumatic Conveyors

STEIN INJECTION TECHNOLOGY GmbH
 Hagener Str. 20-24, 58285 Gevelsberg,
 Germany
 ☎ +49 2332 75742-0
 Fax +49 2332 75742-40
 stein@sit-gmbh.net - www.sit-gmbh.net

19.06 Cranes**14940 Casting Cranes**

Kranbau Köthen GmbH
 06366 Köthen, Germany
 ☎ +49 3496 7000
 www.kranbau.de, info@kranbau.de

**14950 Cranes, Lifting Gears, and
Auxiliaries, in general**

ASKU - Scholten GmbH
 Am Buchenberg 2, 47198 Duisburg,
 Germany
 ☎ +49 2066 9964-0, Fax +49 2066 370666
 www.asku-scholten.de

Kranbau Köthen GmbH
 06366 Köthen, Germany
 ☎ +49 3496 7000
 www.kranbau.de, info@kranbau.de

14960 Overhead Travelling Cranes

Kranbau Köthen GmbH
 06366 Köthen, Germany
 ☎ +49 3496 7000
 www.kranbau.de, info@kranbau.de

14970 Portal Cranes

Kranbau Köthen GmbH
 06366 Köthen, Germany
 ☎ +49 3496 7000
 www.kranbau.de, info@kranbau.de

**19.08 Storage and Handling
Equipment****15155 Storage Systems for Coils**

Lankhorst Mouldings
 P.O.Box 203, 8600 AE Sneek,
 The Netherlands
 ☎ +31 515 487 690
 www.coilstorage.com

15170 Marking Systems

S+P Samson GmbH
 Industriestr. 32, 86438 Kissing
 ☎ +49 8233 846-0 Fax +49 8233 846-299
 Computer-Tags and Labels,
 heat resistant up to 580 °C

19.10 Components**15270 Bunker Discharging Equipment**

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

15310 Permanent Magnets

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

15360 Conveying Plants and Appliances

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

15390 Grabs and Tongs

ASKU - Scholten GmbH
 Am Buchenberg 2, 47198 Duisburg,
 Germany
 ☎ +49 2066 9964-0, Fax +49 2066 370666
 www.asku-scholten.de

15400 Manipulators

DANGO & DIENENTHAL
 Maschinenbau GmbH
 P.O.Box 10 02 03, 57002 Siegen, Germany
 ☎ +49 271 401-0 Fax +49 271 401-4210
 www.dango-dienenthal.de

15430 Chains

KettenWulf Betriebs GmbH
 Zum Hohenstein 15
 59889 Eslohe-Kückelheim, Germany
 ☎ +49 2973 801-0 Fax +49 2973 801-228
 www.kettenwulf.com

15435 Sprockets

KettenWulf Betriebs GmbH
 Zum Hohenstein 15
 59889 Eslohe-Kückelheim, Germany
 ☎ +49 2973 801-0 Fax +49 2973 801-228
 www.kettenwulf.com

15510 Magnets, Magnetic Systems

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

15560 Separation Magnets

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
 office@ife-bulk.com, www.ife-bulk.com

20 Electrical Engineering and Automation**15680 Engineering and Technical Assistance**

Badische Stahl-Engineering GmbH
 Robert-Koch-Str. 13
 77694 Kehl, Germany
 ☎ +49 7851 877-0
 info@bse-kehl.de
 www.bse-kehl.de

20.01 Electrical Equipment for Metallurgical Plants and Rolling Mills**15760 Energy Supply for Movable Consumers**

Conductix-Wampfler GmbH
 info.de@conductix.com, www.conductix.com

15770 Spring Cable Reels

Conductix-Wampfler GmbH
info.de@conductix.com, www.conductix.com

15780 Spring Hose Reels

Conductix-Wampfler GmbH
info.de@conductix.com, www.conductix.com

15850 Motor Wire Reels

Conductix-Wampfler GmbH
info.de@conductix.com, www.conductix.com

15880 Slipping Assemblies

Conductix-Wampfler GmbH
info.de@conductix.com, www.conductix.com

15965 Speed and Position Measurement Encoders

Johannes Hübner
Fabrik elektrischer Maschinen GmbH
Siemensstr. 7, 35394 Giessen, Germany
☎ +49 641 7969-0 Fax +49 641 73645
www.huebner-giessen.com

20.02 Automation**15970 Automation, in general**

Kranbau Köthen GmbH
06366 Köthen, Germany
☎ +49 3496 7000
www.kranbau.de, info@kranbau.de

16010 Automation Systems for Cold-Rolling Mills

Laser Coil Joining of Strip
- Ideal Welding Systems USA
www.idealweld.com

16050 Automation Lines and Process Control Systems for Metallurgical Plants

Küttner GmbH & Co. KG, Essen/Germany
info@kuettnr.com www.kuettnr.com

SMS group GmbH
Steelmaking Plants
Eduard-Schloemann-Str. 4
40237 Düsseldorf, Germany
☎ +49 211 881-0
Fax +49 211 881-4841
communications@sms-group.com
www.sms-group.com

16055 Automation of Strip Processing Lines

Laser Coil Joining of Strip
- Ideal Welding Systems USA
www.idealweld.com

16070 Data Transmission Systems

Conductix-Wampfler GmbH
info.de@conductix.com, www.conductix.com

16160 Process Automation

SMS group GmbH
Cold Rolling Mills
Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0
Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

16162 Process Automation for Strip Processing Lines

Laser Coil Joining of Strip
- Ideal Welding Systems USA
www.idealweld.com

20.03 Data Processing**16330 Data Processing**

S+P Samson GmbH
 Industriestr. 32, 86438 Kissing, Germany
 ☎ +49 8233 846-0 Fax +49 8233 846-299
 Computer-Tags and Labels,
 heat resistant up to 580 °C

20.04 Software**16390 Software for Simulations**

MAGMA Giessereitechnologie GmbH
 Kackertstr. 11, 52072 Aachen, Germany
 ☎ +49 241 88901-0
 Fax +49 241 88901-60
 www.magmasoft.com
 info@magmasoft.de

21 Measuring and Testing Techniques**21.01 Measuring and Testing Techniques, in general****16508 Corrosion Testing Sets**

Gebr. Liebisch GmbH & Co. KG
 Eisenstr. 34, 33649 Bielefeld, Germany
 ☎ +49 521 94647-0
 Fax +49 521 94647-90
 sales@liebisch.com
 www.liebisch.de

16566 Breakout Detection and Residual Wall Thickness Testing (Refractory Relining)

Saveway GmbH & Co. KG
 Wümbacher Str. 8
 98704 Langewiesen, Germany
 ☎ +49 3677 8060-0, Fax +49 3677 8060-99
 www.saveway-germany.de

16568 Roll Measuring Instruments

Maschinenfabrik Herkules GmbH & Co. KG
 Eisenhüttenstr. 21
 57074 Siegen, Germany
 ☎ +49 271 6906-0
 www.herkules-machinetools.com

21.02 Measurement Physical Properties**16580 Distance Sensors for Positioning and Length Measurement (Laser, Ultrasonic, and Inductive)**

DELTA S.A.S.
 67960 ENTZHEIM, France
 ☎ +33 38878 21 01 - Fax +33 38876 02 29
 info@deltasensor.eu - www.deltasensor.eu

16605 Coating Measurement Systems

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
 www.ndc.com/metals

Rayonic Sensor Systems GmbH
 Trettlachstr. 1
 91301 Forchheim, Germany
 ☎ +49 9191 72818-0
 Fax +49 9191 72818-88
 sales@rayonic.de
 www.rayonic.de

16608 Automatic Gauge Control (AGC)

SMS group GmbH
 Cold Rolling Mills
 Wiesenstr. 30
 57271 Hilchenbach, Germany
 ☎ +49 2733 29-0
 Fax +49 2733 29-2852
 communications@sms-group.com
 www.sms-group.com

16612 Strip Flatness Gauges

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH
 47051 Duisburg, Germany
 www.bwg-online.com

16630 Width Gauges

DELTA S.A.S
67960 ENTZHEIM, France
☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

16660 Thickness Measuring Devices and Gauges

Rayonic Sensor Systems GmbH
Trettlachstr. 1
91301 Forchheim, Germany
☎ +49 9191 72818-0
Fax +49 9191 72818-88
sales@rayonic.de - www.rayonic.de

16670 Thickness Gauge

Rayonic Sensor Systems GmbH
Trettlachstr. 1
91301 Forchheim, Germany
☎ +49 9191 72818-0
Fax +49 9191 72818-88
sales@rayonic.de - www.rayonic.de

16704 Section and Profile Measurement for Rods and Bars

Zumbach Electronic AG
2552 Orpund, Switzerland
☎ +41 32 356 0400
sales@zumbach.ch - www.zumbach.com

16721 Flow Meters, e. g. for Coal Injection

DYNA Instruments GmbH
Tempowerkring 7, 21079 Hamburg, Germany
☎ +49 40 790185-0 Fax -18
www.dynainstruments.com

16730 Flow Control

DYNA Instruments GmbH
Tempowerkring 7, 21079 Hamburg, Germany
☎ +49 40 790185-0 Fax -18
www.dynainstruments.com

16740 Measuring of Diameter

Zumbach Electronic AG
2552 Orpund, Switzerland
☎ +41 32 356 0400
sales@zumbach.ch - www.zumbach.com

16830 Speed Gauges

BETA LaserMike (NDC Technologies)
Bates Road, Maldon, Essex, CM9 5FA, UK
☎ +44 1621 852 244
www.ndc.com/metals

DELTA S.A.S
67960 ENTZHEIM, France
☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

DYNA Instruments GmbH
Tempowerkring 7, 21079 Hamburg, Germany
☎ +49 40 790185-0 Fax -18
www.dynainstruments.com

NDC Technologies Ltd.
Bates Road, Maldon, Essex, CM9 5FA, UK
☎ +44 1621 852 244
www.ndc.com/metals

POLYTEC GMBH
Polytec-Platz 1-7
76337 Waldbronn, Germany
☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

16870 IR-Radiation Pyrometers with Scanner

Fluke Process Instruments GmbH
Infrared pyrometer: ☎ +49 30 4780080
Temperature profile: ☎ +49 6922 2220212
info@flukeyprocessinstruments.de
www.flukeprocessinstruments.de

16910 Length-Measuring Devices for Tubes

DELTA S.A.S
67960 ENTZHEIM, France
☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

POLYTEC GMBH
Polytec-Platz 1-7, 76337 Waldbronn, Germany
☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

16920 Length Gauges

BETA LaserMike (NDC Technologies)
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

POLYTEC GMBH
 Polytec-Platz 1-7, 76337 Waldbronn, Germany
 ☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

16950 Length and Speed Measuring Systems (Optical)

BETA LaserMike (NDC Technologies)
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

DELTA S.A.S
 67960 ENTZHEIM, France
 ☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

POLYTEC GMBH
 Polytec-Platz 1-7, 76337 Waldbronn, Germany
 ☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

16955 Speed and Position Measurement Units

BETA LaserMike (NDC Technologies)
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

DELTA S.A.S
 67960 ENTZHEIM, France
 ☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

16956 Speed and Position Measurement Encoders

BETA LaserMike (NDC Technologies)
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

Johannes Hübner
 Fabrik elektrischer Maschinen GmbH
 Siemensstr. 7, 35394 Giessen, Germany
 ☎ +49 641 7969-0 Fax +49 641 73645
www.huebner-giessen.com

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

16960 Laser Speed and Length Measuring Instruments

BETA LaserMike (NDC Technologies)
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

NDC Technologies Ltd.
 Bates Road, Maldon, Essex, CM9 5FA, UK
 ☎ +44 1621 852 244
www.ndc.com/metals

POLYTEC GMBH
 Polytec-Platz 1-7, 76337 Waldbronn, Germany
 ☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

17000 Measuring of Refractory Linings (under Operating Conditions)

Saveway GmbH & Co. KG
 Wümbacher Str. 8
 98704 Langewiesen, Germany
 ☎ +49 3677 8060-0, Fax +49 3677 8060-99
www.saveway-germany.de

17050 Flatness Measuring Devices

BWG Bergwerk- und Walzwerk-
 Maschinenbau GmbH,
 47051 Duisburg, Germany
www.bwg-online.com

SMS group GmbH
Cold Rolling Mills, Wiesenstr. 30
57271 Hilchenbach, Germany
☎ +49 2733 29-0, Fax +49 2733 29-2852
communications@sms-group.com
www.sms-group.com

17057 Profile Measuring Gauges

Zumbach Electronic AG
2552 Orpund, Switzerland
☎ +41 32 356 0400
sales@zumbach.ch - www.zumbach.com

17080 Pyrometers

Fluke Process Instruments GmbH
Infrared pyrometer: ☎ +49 30 4780080
Temperature profile: ☎ +49 6922 2220212
info@flukeprocessinstruments.de
www.flukeprocessinstruments.de

KELLER HCW GmbH
Infrared Temperature Solutions (ITS)
☎ +49 5451 85-0
www.keller.de its@keller.de

17100 Quotient Pyrometers

KELLER HCW GmbH
Infrared Temperature Solutions (ITS)
☎ +49 5451 85-0
www.keller.de its@keller.de

17110 Hot Metal Detectors, HMD

DELTA S.A.S
67960 ENTZHEIM, France
☎ +33 38878 21 01 - Fax +33 38876 02 29
info@deltasensor.eu - www.deltasensor.eu

17180 Vibration Measuring Devices

POLYTEC GMBH
Polytec-Platz 1-7
76337 Walddbronn, Germany
☎ +49 7243 604-0 Fax +49 7243 69944
lm@polytec.de - www.polytec.com

17200 Dust Measuring Devices

DYNA Instruments GmbH
Tempowerkring 7, 21079 Hamburg, Germany
☎ +49 40 790185-0 Fax -18
www.dynainstruments.com

17230 Immersion Thermocouples

MINKON GmbH
Heinrich-Hertz-Str. 30-32
40699 Erkrath, Germany
☎ +49 211 209908-0 Fax 209908-0
info@minkon.de - www.minkon.de

17250 Thermometers

Fluke Process Instruments GmbH
Infrared pyrometer: ☎ +49 30 4780080
Temperature profile: ☎ +49 6922 2220212
info@flukeprocessinstruments.de
www.flukeprocessinstruments.de

MINKON GmbH
Heinrich-Hertz-Str. 30-32,
40699 Erkrath, Germany
☎ +49 211 209908-0 Fax 209908-90
info@minkon.de - www.minkon.de

17260 Thermocouples

Fluke Process Instruments GmbH
Infrared pyrometer: ☎ +49 30 4780080
Temperature profile: ☎ +49 6922 2220212
info@flukeprocessinstruments.de
www.flukeprocessinstruments.de

17325 2-Colour Pyrometers with Glass Fibre Optics

KELLER HCW GmbH
Infrared Temperature Solutions (ITS)
☎ +49 5451 85-0
www.keller.de its@keller.de

21.03 Quality Management

17380 Measuring Instruments for Quality Management

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0, Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17390 Length, Speed, and Profile Measuring Systems

BETA LaserMike (NDC Technologies)
Bates Road, Maldon, Essex, CM9 5FA, UK
☎ +44 1621 852 244
www.ndc.com/metals

NDC Technologies Ltd.
Bates Road, Maldon, Essex, CM9 5FA, UK
☎ +44 1621 852 244
www.ndc.com/metals

17395 Pinhole Detection

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0, Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17400 Pit Detection

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0, Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17408 Surface Inspection

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17410 Surface Inspection

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17415 Surface Inspection of Strip Steel

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17430 On-line Optical Surface Inspection

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17432 Online Surface Quality Control, Optical

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

21.04 Quality Control

17447 Surface Inspection of Strip Steel, automatic and complete

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

17450 Quality Control, visual

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

21.05 Services

17470 Measuring Techniques, Services

ISRA VISION PARSYTEC AG
Pascalstr. 16, 57076 Aachen, Germany
☎ +49 2408 92700-0,
Fax +49 2408 92700-500
info@isravision.com - www.isravision.com

22 Materials Testing

22.01 Non-destructive Testing

17500 Demagnetising Facilities

Vallon GmbH
Arbachtalstr. 10, 72800 Eningen, Germany
☎ +49 7121 9855-0, Fax +49 7121 9855-100
info@vallon.de/degaussing
www.vallon-degaussing.com

17540 Ultrasonic Testing Instruments/Machines

Actemium Cegelec GmbH
Gutenstetter Str. 14 a, 90449 Nürnberg,
Germany
☎ +49 9943-131 Fax -200
www.actemium-nds.de

NORDINKRAFT AG
75196 Remchingen, Germany
☎ +49 7232 31335-0
www.nordinkraft.de

17570 Non-Destructive Tube Testing Devices

Actemium Cegelec GmbH
Gutenstetter Str. 14 a, 90449 Nürnberg,
Germany
☎ +49 9943-131 Fax -200
www.actemium-nds.de

17580 Non-Destructive Materials Testing Instruments, in general

NORDINKRAFT AG
75196 Remchingen, Germany
☎ +49 7232 31335-0
www.nordinkraft.de

17650 Ultrasonic Testing

Actemium Cegelec GmbH
Gutenstetter Str. 14 a
90449 Nürnberg, Germany
☎ +49 9943-131 Fax -200
www.actemium-nds.de

17660 Non-Destructive Materials Testing

NORDINKRAFT AG
75196 Remchingen, Germany
☎ +49 7232 31335-0
www.nordinkraft.de

17670 Non-Destructive Materials Testing with Ultrasonic Excitation without Coupling Agent

NORDINKRAFT AG
75196 Remchingen, Germany
☎ +49 7232 31335-0
www.nordinkraft.de

23 Analysis and Laboratory Equipment

23.01 Sampling and Preparation

17915 Sampling

MINKON GmbH
Heinrich-Hertz-Str. 30-32
40699 Erkrath, Germany
☎ +49 211 209908-0 Fax 209908-90
info@minkon.de - www.minkon.de

23.02 Analytical Equipment

18040 Gas Analysing Instruments

AMS Analysen-, Mess- und
Systemtechnik GmbH
69234 Dielheim, Germany
☎ +49 6222 788-770
www.ams-dielheim.com

18080 Optical Emission Spectrometers

SPECTRO Analytical Instruments GmbH
Boschstr. 10, 47533 Kleve, Germany
☎ +49 2821 892-2100
spectro.info@ametek.com

18090 Analytical Equipment for O₂

AMS Analysen-, Mess- und
Systemtechnik GmbH
69234 Dielheim, Germany
☎ +49 6222 788-770
www.ams-dielheim.com

18130 Oxygen Probes

MINKON GmbH
Heinrich-Hertz-Str. 30-32
40699 Erkrath, Germany
☎ +49 211 209908-0 Fax 209908-90
info@minkon.de - www.minkon.de

18170 Hydrogen Probes

MINKON GmbH
Heinrich-Hertz-Str. 30-32
40699 Erkrath, Germany
☎ +49 211 209908-0 Fax 209908-90
info@minkon.de - www.minkon.de

**24 Environmental Protection
and Disposal****24.01 Dust Removal and
Gas Purification****18348 Oxygen Probes for Flue Gas**

AMS Analysen-, Mess- und
Systemtechnik GmbH
69234 Dielheim, Germany
☎ +49 6222 788-770
www.ams-dielheim.com

18360 Waste-Gas Cooling Facilities

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

18370 Waste-Gas Purification Plants

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

**18375 Secondary Waste Gas Cleaning
Systems**

Rheinbraun Brennstoff GmbH
Stüttgenweg 2, 50935 Köln, Germany
☎ +49 221 480-25424
hok@rwe.com www.hok.de

**18376 Sintering Waste Gas Cleaning
Systems**

Rheinbraun Brennstoff GmbH
Stüttgenweg 2, 50935 Köln, Germany
☎ +49 221 480-25424
hok@rwe.com www.hok.de

**18400 Agglomeration of Fines from
Foundries and Steelworks**

Maschinenfabrik Gustav Eirich GmbH & Co KG
Walldürner Str. 50
74736 Hardheim, Germany
☎ +49 6283 51-0 Fax +49 6283 51-325
eirich@eirich.de, www.eirich.de

Köppern GmbH & Co. KG
P.O.Box 80 06 53, 45506 Hattingen,
Germany
☎ +49 2324 207-0 Fax +49 2324 207-207
info@koepfern.de, www.koepfern.de

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

**18420 Dust Removal and
Gas Purification**

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

Rheinbraun Brennstoff GmbH
Stüttgenweg 2, 50935 Köln, Germany
☎ +49 221 480-25424
hok@rwe.com www.hok.de

18434 Dedusting Systems

Badische Stahl-Engineering GmbH
Robert-Koch-Str. 13
77694 Kehl, Germany
☎ +49 7851 877-0
info@bse-kehl.de
www.bse-kehl.de

18440 Dust Removal Filters and Installations (Cartridge, Circular and Hose Filters)

Freudenberg Filtration Technologies
SE & Co. KG
69465 Weinheim, Germany
☎ +49 6201 80-6264
Fax +49 6201 88-6299
www.freudenberg-filter.com

18510 Casthouse Dust-Removal

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

18645 Recycling of Steel Mill Wastes

Befesa Steel Services GmbH
Balcke-Dürr-Allee 1
40882 Ratingen, Germany
☎ +49 2102 1001-0 Fax +49 2102 195
www.befesa.com
befesa.steel.services@befesa.com

Maschinenfabrik Gustav Eirich GmbH & Co KG
Walldürmer Str. 50
74736 Hardheim, Germany
☎ +49 6283 51-0 Fax +49 6283 51-325
eirich@eirich.de, www.eirich.de

IFE Aufbereitungstechnik GmbH
Patertal 20, 3340 Waidhofen/Ybbs, Austria
☎ +43 7442 515-0
office@ife-bulk.com, www.ife-bulk.com

24.02 Sewage Clarification

18830 Sludge-draining Systems, mobile

FILTRATEC Mobile Schlammmentwässerung GmbH
Weseler Str. 100, 46562 Voerde, Germany
☎ +49 281 403-0, www.filtratec.com
info.filtratec@filtratec.com

18840 Sludge-Draining Systems, stationary

FILTRATEC Mobile Schlammmentwässerung GmbH
Weseler Str. 100, 46562 Voerde, Germany
☎ +49 281 403-0, www.filtratec.com
info.filtratec@filtratec.com

24.04 Disposal Plants

18920 Plants for Recycling of Raw Materials (Dusts)

Befesa Steel Services GmbH
Balcke-Dürr-Allee 1
40882 Ratingen, Germany
☎ +49 2102 1001-0 Fax +49 2102 195
www.befesa.com
befesa.steel.services@befesa.com

IFE Aufbereitungstechnik GmbH
Patertal 20, 3340 Waidhofen/Ybbs, Austria
☎ +43 7442 515-0
office@ife-bulk.com, www.ife-bulk.com

18921 Residue Recycling Plants

IFE Aufbereitungstechnik GmbH
Patertal 20, 3340 Waidhofen/Ybbs, Austria
☎ +43 7442 515-0
office@ife-bulk.com, www.ife-bulk.com

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

STEIN INJECTION TECHNOLOGY GmbH
Hagener Str. 20-24, 58285 Gevelsberg, Germany
☎ +49 2332 75742-0
Fax +49 2332 75742-40
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18923 Electric Arc Dust Utilisation

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Fax +49 203 31866-90
www.sudamin-rohstoff.com

18970 Injection Installations for Filter Residues

Küttner GmbH & Co. KG, Essen/Germany
info@kuettner.com www.kuettner.com

STEIN INJECTION TECHNOLOGY GmbH
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stein@sit-gmbh.net - www.sit-gmbh.net

19020 Separation of NF-Metals

IFE Aufbereitungstechnik GmbH
 Patertal 20, 3340 Waidhofen/Ybbs, Austria
 ☎ +43 7442 515-0
office@ife-bulk.com, www.ife-bulk.com

19080 Recovery of Valuable Materials

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24.06 Operating Materials**19170 Activated Carbon**

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 ☎ +49 221 480-25424
hok@rwe.com www.hok.de

19180 Lignite Coke

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hok@rwe.com www.hok.de

25 Accident Prevention and Ergonomics**25.01 Accident Prevention****19280 Heat Protective Clothing**

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www.aschua-uhlen.de

27 Consulting, Planning, Services**19715 Consulting, Planning, Services**

JUKoke & Carbon UG
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 Fax +49 2261 288-625
www.jukokecarbon.eu

19730 Consulting Services

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Studiengesellschaft für
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**19810 Consulting Engineers
(also start-up of iron and steel works equipment)**

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www.asku-scholten.de

19815 Technical Problem Solutions

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www.andritz.com · sundwig_welcome@andritz.com

19830 Logistic Consulting

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77694 Kehl, Germany
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info@bse-kehl.de
www.bse-kehl.de

19860 Management Consulting

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77694 Kehl, Germany
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19930 Simulation Studies and Software

MAGMA Giessereitechnologie GmbH
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Fax +49 241 88901-60
www.magmasoft.com
info@magmasoft.de

19940 Steel Industry Suppliers for Spare Parts, Machinery, and Equipment, in general

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30 Service concerning Steel Materials, in general**30.06 Heat Treatment and Drying****20374 Heat Treatment, Annealing**

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