

Blast Furnaces Reference List

Location	Furnace	Current Owner	Working Volume(m ³)	Hearth Diam.(m)	GrafTech Supply
ARGENTINA					
San Nicolas	1	Siderar Exiros	1428	8.8	Hearth Wall Repair
AUSTRIA					
Donawitz	4	Voest-Alpine	1137	7.5	Bosh
BELGIUM					
Charleroi	4	Carsid	1779	9.8	Taphole
BULGARIA					
Kremikovtzi	3	Ispat International	1100	8.0	Hearth Wall, Tuyeres
CANADA					
Saulte Ste. Marie, Ontario	7	Algoma	2477	10.7	Hearth Bottom & Wall, Tuyeres, Bosh
Hamilton, Ontario	Dofasco 3	ArcelorMittal	905	6.6	Hearth Wall, Bosh
Hamilton, Ontario	Dofasco 4	ArcelorMittal	1595	8.5	Hearth Wall
Hamilton, Ontario	Hilton D	US Steel	1529	8.8	Hearth Bottom & Wall, Tuyeres
Hamilton, Ontario	Hilton E	US Steel	1841	9.5	Hearth Bottom & Wall, Tuyeres
Nanticoke, Ontario	Lake Erie 1	US Steel	2429	10.3	Hearth Bottom & Wall, Tuyeres
CHILE					
Concepción	CAP 1	Chilean Steel	712	6.3	Hearth Bottom & Wall, Tuyeres
Concepción	CAP 2	Chilean Steel	818	7.0	Hearth Bottom & Wall, Tuyeres
CHINA					
Anshan, Liaoning	New 2	Anben Group	3200	12.0	Hearth Wall
Anshan, Liaoning	New 3	Anben Group	3200	12.0	Hearth Wall
Anshan, Liaoning	10	Anben Group	2580	11.4	Bosh
Baotou, Mongolia	3	Baotou Iron & Steel	2200	10.6	Hearth Wall
Baotou, Mongolia	4	Baotou Iron & Steel	2200	10.6	Hearth Wall
Bayuquan, Liaoning	1	Anben Group	4000	13.3	Hearth Bottom & Wall
Bayuquan, Liaoning	2	Anben Group	4000	13.3	Hearth Bottom & Wall
Beijing, Beijing	Shoudu 1	Shougang (Shoudu)	2500	11.6	Hearth Wall
Beijing, Beijing	Shoudu 2	Shougang (Shoudu)	1726	9.7	Hearth Wall

Product Overview

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CHINA (continued)					
Beijing, Beijing	Shoudu 3	Shougang (Shoudu)	2500	11.6	Hearth Wall
Beijing, Beijing	Shoudu 4	Shougang (Shoudu)	2100	10.4	Hearth Wall
Benxi, Liaoning	4	Anben Group	1070	7.5	Hearth Wall
Benxi, Liaoning	5	Anben Group	2600	11.4	Hearth Wall
Benxi, Liaoning	6	Anben Group	2600	12.2	Hearth Wall
Benxi, Liaoning	7	Anben Group	2600	12.2	Hearth Wall
Benxi, Liaoning	8	Anben Group	4350	14.2	Hearth Wall
Chaoyang, Liaoning	1	Anben Group	2600	11.8	Hearth Wall
Handan, Hebei	New 1	Handan Iron & Steel	3200	13.2	Hearth Wall
Handan, Hebei	New 2	Handan Iron & Steel	3200	13.2	Hearth Wall
Handan, Hebei	5	Handan Iron & Steel	1071	8.1	Hearth Wall
Handan, Hebei	7	Handan Iron & Steel	3200	13.2	Hearth Wall
Hangzhou, Zhejiang	1	Hangzhou I & S	420	5.7	Hearth Wall
Jingtang, Hebei	1	Shougang (Shoudu)	5500	15.5	Hearth Wall
Jingtang, Hebei	2	Shougang (Shoudu)	5500	15.5	Hearth Wall
Laiwu, Shandong	1	ShandongSteelGroup	2000	10.5	Hearth Wall
Laiwu, Shandong	3	ShandongSteelGroup	3900	13.9	Hearth Wall
Nanjing, Jiangsu	New 1	Nanjing Iron & Steel	2000	11.8	Hearth Wall
Nanjing, Jiangsu	New 2	Nanjing Iron & Steel	2000	10.3	Hearth Wall
Qian'an, Hebei	Shouqian 1	Shougang (Shoudu)	2650	11.5	Hearth Wall
Qian'an, Hebei	Shouqian 2	Shougang (Shoudu)	2650	11.5	Hearth Wall
Qian'an, Hebei	Shouqian 3	Shougang (Shoudu)	4000	13.5	Hearth Wall
Qinhuangdao, Hebei	Shouqin 1	Shougang (Shoudu)	1200	8.1	Hearth Wall
Qinhuangdao, Hebei	Shouqin 2	Shougang (Shoudu)	1780	9.7	Hearth Wall
Shanghai	1	Baoshan Iron & Steel	5000	14.5	Hearth Wall
Shanghai	2	Baoshan Iron & Steel	4800	14.5	Hearth Bottom & Wall
Shanghai	3	Baoshan Iron & Steel	4360	14.5	Hearth Bottom & Wall, Tuyeres
Shanghai	4	Baoshan Iron & Steel	4800	14.5	Hearth Bottom & Wall
Shaoguan, Guangdong	1	SGIS Songshan	3200	12.6	Hearth Wall
Taiyuan, Shanxi	3	Taiyuan Iron & Steel	1020	8.0	Hearth Wall
Taiyuan, Shanxi	New 3	Taiyuan Iron & Steel	4350	14.2	Hearth Wall
Tangshan, Hebei	Tangshan 1	Hebei Iron & Steel	2000	10.2	Hearth Wall
Tangshan, Hebei	Tangshan 2	Hebei Iron & Steel	2000	10.2	Hearth Wall
Tangshan, Hebei	Tangshan 3	Hebei Iron & Steel	3200	12.6	Hearth Wall
Tianjin, Tianjin	Tiantie	Tiantie	2800	12.2	Hearth Wall
Tianjin, Tianjin	Tianjin 1	Tianjin Iron & Steel	2000	10.0	Hearth Wall
Tianjin, Tianjin	Tianjin 2	Tianjin Iron & Steel	3600	12.9	Hearth Bottom & Wall
Xiangtan, Hunan	1	HunanValinXiangtan	2500	11.3	Hearth Wall
Xiangtan, Hunan	4	HunanValinXiangtan	1800	9.6	Hearth Wall
Xiangtan, Hunan	3	HunanValinXiangtan	2580	11.4	Hearth Wall
Xuanhua, Hebei	8	Xuanhua Iron & St	1200	8.1	Hearth Wall
Xuanhua, Hebei	10	Xuanhua Iron & St	2500	11.5	Hearth Wall

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COLOMBIA					
Belencito, Boyacá	Acerias 1	Votorantim Group	689	6.3	Hearth Bottom & Wall
CZECH REPUBLIC					
Ostrava	1	ArcelorMittal	1100	7.4	Taphole
Ostrava	2	ArcelorMittal	1300	8.2	Taphole
Ostrava	3	ArcelorMittal	1300	8.2	Taphole
Ostrava	4	ArcelorMittal	1300	8.2	Taphole
FINLAND					
Koverhar	1	Ovako Wire Oy Ab	574	6.8	Iron Notch/Wall repair
GERMANY					
Duisburg	A	Huttenwerke Krupp Mannesmann2081		10.3	Heart Wall Repair
Salzgitter	B	Salzgitter Flachstahl	2530	11.2	Hearth Bottom & Wall
Salzgitter	C	Salzgitter Flachstahl	1606	9.5	Taphole
Hamborn	4	ThyssenKrupp AG	1800	10.7	Hearth Wall
MEXICO					
Las Truchas	Sicartsa	ArcelorMittal	1728	8.9	Hearth Wall & Bosh
Monclova, Coahuila	3	Altos Hornos de México	1163	7.5	Hearth Bottom& Wall, Bosh
Monclova, Coahuila	4	Altos Hornos de México	1152	7.5	Hearth Bottom& Wall, Bosh
Monclova, Coahuila	5	Altos Hornos de México	2210	11.5	Hearth Bottom& Wall, Tuyere, Bosh
Monclova, Coahuila	6	Altos Hornos de México	1371	8.4	Hearth Bottom& Wall, Tuyere, Bosh
PERU					
Chimbote, Senati	Teresa	Gerdau	531	5.4	Hearth Bottom& Wall, Tuyere, Bosh
ROMANIA					
Galati Wall & Tuyere	4	ArcelorMittal	1700	9.1	Partial Hearth Bottom, Hearth
RUSSIA					
Tula	1	JSC Tulachermét	1386	9.0	Hearth Wall
SOUTH AFRICA					
Newcastle	N-5	ArcelorMittal	2017	10.1	Hearth Wall
Vanderbijlpark	C	ArcelorMittal	1500	9.1	Heart Wall, Tuyere & Bosh
Vanderbijlpark	D	ArcelorMittal	2007	10.1	Heart Wall
SOUTH KOREA					
Gwangyang	2	POSCO E&C	3700	14.0	Bosh
Gwangyang	3	POSCO E&C	3700	14.0	Bosh

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SOUTH KOREA <i>(continued)</i>					
Gwangyang	4	POSCO E&C	3650	14.0	Bosh
Pohang	3	POSCO E&C	3650	14.0	Bosh
SPAIN					
Gijon	B	ArcelorMittal	2349	11.3	Taphole
SWEDEN					
Oxelösund	2	SSAB Swedish Steel	760	8.0	Hearth Bottom & Wall, Tuyere, Bosh
Oxelösund	4	SSAB Swedish Steel	970	7.6	Taphole, Tuyere & Bosh
UNITED KINGDOM					
Scunthorpe	Queen Anne	Tata Steel	1537	9.0	Hearth Wall & ½ Tuyeres
Scunthorpe	Q. Bess	Tata Steel	1360	8.3	Hearth Wall & ½ Tuyeres
Scunthorpe	Q. Mary	Tata Steel	1255	8.3	Hearth Wall & ½ Tuyeres
Scunthorpe	Q. Victoria	Tata Steel	1537	9.0	Hearth Wall & ½ Tuyeres
Redcar	1	Tata Steel	3628	14.0	Hearth Wall repair
UNITED STATES					
Ashland, Kentucky	Amanda	AK Steel	1956	10.0	Hearth Bottom & Wall, Tuyere, Bosh
Braddock, Pennsylvania	ET 1	US Steel	1620	8.8	Hearth Bottom & Wall, Tuyere, Bosh
Braddock, Pennsylvania	ET 3	US Steel	1218	7.7	Hearth Wall & Tuyere
Burns Harbor, Indiana	C	ArcelorMittal	2515	11.7	Hearth Bottom & Wall, Bosh
Burns Harbor, Indiana	D	ArcelorMittal	2446	10.9	Hearth Bottom & Wall
Cleveland, Ohio	C5	ArcelorMittal	1546	9.0	Hearth Bottom & Wall, Tuyere, Bosh
Cleveland, Ohio	C6	ArcelorMittal	1595	9.0	Hearth Bottom & Wall, Tuyere, Bosh
Dearborn, Michigan	Rouge B	OAO Severstal	791	6.1	Hearth Bottom & Wall
Dearborn, Michigan	Rouge C	OAO Severstal	1506	8.8	Hearth Bottom & Wall
East Chicago, Illinois	Inland 5	ArcelorMittal	1304	8.1	Hearth Wall & Tuyere
East Chicago, Illinois	Inland 6	ArcelorMittal	1301	8.1	Hearth Wall
Ecorse, Michigan	GreatLakesA	US Steel	1721	9.3	Hearth Wall & Tuyere
Ecorse, Michigan	GreatLakesB	US Steel	1585	8.5	Hearth Bottom & Wall, Tuyere
Ecorse, Michigan	GreatLakesD	US Steel	1507	8.5	Hearth Wall & Tuyere
Fairfield, Alabama	8	US Steel	2195	9.8	Hearth Bottom & Wall
Gary, Indiana	4	US Steel	1496	8.8	Hearth Bottom & Wall, Tuyere, Bosh
Gary, Indiana	6	US Steel	1506	8.5	Hearth Wall, Tuyere, & Bosh
Gary, Indiana	8	US Steel	1293	8.1	Hearth Bottom& Wall, Tuyere, Bosh

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UNITED STATES <i>(continued)</i>					
Granite City, Illinois	A	US Steel	1435	8.3	Hearth Bottom & Wall
Granite City, Illinois	B	US Steel	1434	8.3	Hearth Bottom
Indiana Harbor, Indiana	H-3	ArcelorMittal	1622	9.0	Hearth Wall & Tuyere
Lorain, Ohio	3	Republic Tech.	1443	8.7	Hearth Bottom & Wall, Tuyere, Bosh
Lorain, Ohio	4	Republic Tech.	1425	8.8	Hearth Bottom & Wall
Middletown, Ohio	3	AK Steel	1462	8.9	Hearth Bottom & Wall, Tuyere, Bosh
Sparrows Point, Maryland	L	OAO Severstal	3763	13.5	Hearth Bottom & Wall
Steubenville/ Mingo Junction, Ohio	Wheeling Pitt-1	OAO Severstal	1069	7.6	Hearth Wall, Tuyere & Bosh
Steubenville, Ohio	WP-3	OAO Severstal	1069	7.3	Hearth Wall & Tuyere
Steubenville, Ohio	WP-5	OAO Severstal	1148	7.1	Hearth Bottom & Wall, Tuyere
Warren, Ohio	WCI-1	OAO Severstal	1530	8.7	Hearth Bottom & Wall, Tuyere, Bosh

REDEFINING LIMITS