

Chinese Steel Capacity 2005-2010

An overview of crude steel and steel products

Review 2001-2005

- 1 . Chinese steel industry boomed during the 10th Five Year Plan period, when capacity and output grew significantly with the launching of a great number of rolling machines. The output of crude steel grew by 170% between 2000 and 2005.
- 2 . Chinese steel capacity was much larger than that of crude steel between 2000 and 2003. During 2004 and 2005, crude steel was oversupplied with the great expansion of capacity. Thus China had to export steel billets to balance crude steel supply against the production of steel products.
- 3 . Between 2001 and 2004, the new capacities of long products exceeded that of flat products, with the proportion at 3:2.
- 4 . Products which have the self-sufficiency over 100% include wire rod, DeBar, bar, large section, super heavy plat, medium and heavy plate (rolled), steel strip, seamless pipe, and welded pipe etc. Those which could not meet domestic demand are mainly plates, such as electrical steel, coated plate, and cold rolled steel sheet etc. The self-sufficiency of these products was only 2/3- 3/4.

Forecast 2006-2010

- 1 . The annual output growth rate will reach nearly 10% before 2008. The capacity of crude steel will eventually reach 540-550mmtpa.
- 2 . The capacity of steel products will grow much quicker than that of crude steel after 2006. The capacities of steel products and crude steel will reach a balance in 2007. From 2008, the capacity of steel products will exceed crude steel, making it easier for steel mills to limit output by adjusting product mix.
- 3 . The capacity of flat products will increase at the pace 2-3 times of long

Major 30 Steel Mills (kt pa)	Steel Product	2005	2005	2006e	2007e	2008e	2009e	2010e
		Production	Capacity	Capacity	Capacity	Capacity	Capacity	Capacity
宝钢集团 Baosteel Group	Pig Iron	19,357	XX	XX	XX	XX	XX	XX
	Crude Steel	22,726	XX	XX	XX	XX	XX	XX
	HR	8,851	XX	XX	XX	XX	XX	XX
	CR	3,047	XX	XX	XX	XX	XX	XX
	M & H Plate	396	XX	XX	XX	XX	XX	XX
	GI	1,018	XX	XX	XX	XX	XX	XX
	Coated	612	XX	XX	XX	XX	XX	XX
鞍钢 Angang	Pig Iron	12,507	XX	XX	XX	XX	XX	XX
	Crude Steel	11,902	XX	XX	XX	XX	XX	XX
	HR	3,310	XX	XX	XX	XX	XX	XX
	CR	1,648	XX	XX	XX	XX	XX	XX
	M & H Plate	2,256	XX	XX	XX	XX	XX	XX
	GI	623	XX	XX	XX	XX	XX	XX
	Coated	41	XX	XX	XX	XX	XX	XX
本钢 Benxi I/S	Pig Iron	6,535	XX	XX	XX	XX	XX	XX
	Crude Steel	6,507	XX	XX	XX	XX	XX	XX
	HR	4,025	XX	XX	XX	XX	XX	XX
	CR	752	XX	XX	XX	XX	XX	XX
	M & H Plate	0	XX	XX	XX	XX	XX	XX
	GI	351	XX	XX	XX	XX	XX	XX
	Coated	17	XX	XX	XX	XX	XX	XX
唐钢 Tangshan I/S	Pig Iron	9,700	XX	XX	XX	XX	XX	XX
	Crude Steel	10,060	XX	XX	XX	XX	XX	XX
	HR	2,855	XX	XX	XX	XX	XX	XX
	CR	128	XX	XX	XX	XX	XX	XX
	M & H Plate	0	XX	XX	XX	XX	XX	XX
	GI	6	XX	XX	XX	XX	XX	XX
	Coated	0	XX	XX	XX	XX	XX	XX
宣钢 Xuanhua I/S	Pig Iron	3,246	XX	XX	XX	XX	XX	XX
	Crude Steel	3,594	XX	XX	XX	XX	XX	XX
	HR	0	XX	XX	XX	XX	XX	XX
	CR	0	XX	XX	XX	XX	XX	XX
	M & H Plate	0	XX	XX	XX	XX	XX	XX
	GI	0	XX	XX	XX	XX	XX	XX
	Coated	0	XX	XX	XX	XX	XX	XX
承钢 Chengde I/S	Pig Iron	2,460	XX	XX	XX	XX	XX	XX
	Crude Steel	2,500	XX	XX	XX	XX	XX	XX
	HR	0	XX	XX	XX	XX	XX	XX
	CR	0	XX	XX	XX	XX	XX	XX
	M & H Plate	0	XX	XX	XX	XX	XX	XX
	GI	0	XX	XX	XX	XX	XX	XX
	Coated	0	XX	XX	XX	XX	XX	XX
武钢集团 Wuhan I/S	Pig Iron	12,301	XX	XX	XX	XX	XX	XX
	Crude Steel	13,045	XX	XX	XX	XX	XX	XX
	HR	4,764	XX	XX	XX	XX	XX	XX
	CR	915	XX	XX	XX	XX	XX	XX
	M & H Plate	710	XX	XX	XX	XX	XX	XX
	GI	129	XX	XX	XX	XX	XX	XX
	Coated	38	XX	XX	XX	XX	XX	XX
沙钢 Shagang	Pig Iron	7,890	XX	XX	XX	XX	XX	XX
	Crude Steel	10,450	XX	XX	XX	XX	XX	XX
	HR	907	XX	XX	XX	XX	XX	XX
	CR	0	XX	XX	XX	XX	XX	XX
	M & H Plate	0	XX	XX	XX	XX	XX	XX
	GI	137	XX	XX	XX	XX	XX	XX
	Coated	0	XX	XX	XX	XX	XX	XX

Hot Rolled (kt pa)

	2005 Production	2005 Capacity	2006e Capacity	2007e Capacity	2008e Capacity	2009e Capacity	2010e Capacity
鞍钢	3,310	XX	XX	XX	XX	XX	XX
鞍钢/Anshan	8,851	XX	XX	XX	XX	XX	XX
宝钢集团/Baosteel	751	XX	XX	XX	XX	XX	XX
马钢Magang	4,764	XX	XX	XX	XX	XX	XX
武钢/Wuhan	0	XX	XX	XX	XX	XX	XX
武钢柳钢防城港/Wuhan & Liuzhou in Fangchenggang	0	XX	XX	XX	XX	XX	XX
宝钢湛江/Baosteel & Shaoguan in Zhanjiang	0	XX	XX	XX	XX	XX	XX
首钢曹妃甸/Shougang & Tanggang in Chaofeidian	1,690	XX	XX	XX	XX	XX	XX
太钢/Taiyuan	4,025	XX	XX	XX	XX	XX	XX
本钢/Benxi	1,530	XX	XX	XX	XX	XX	XX
邯钢/Handan	2,855	XX	XX	XX	XX	XX	XX
唐钢/Tanggang	2,450	XX	XX	XX	XX	XX	XX
涟钢/Lianyuan	0	XX	XX	XX	XX	XX	XX
唐山国丰/Tangshan Guofeng	907	XX	XX	XX	XX	XX	XX
沙钢/Shagang	200	XX	XX	XX	XX	XX	XX
八钢/Bayi	0	XX	XX	XX	XX	XX	XX
北台/Beitai	0	XX	XX	XX	XX	XX	XX
首钢/Shougang	1,576	XX	XX	XX	XX	XX	XX
珠钢/Zhujiang	920	XX	XX	XX	XX	XX	XX
酒钢/Jiuquan	0	XX	XX	XX	XX	XX	XX
安阳/Anyang	0	XX	XX	XX	XX	XX	XX
通化/Tonghua	0	XX	XX	XX	XX	XX	XX
唐山港陆/Tangshan Ganglu	2,580	XX	XX	XX	XX	XX	XX
包钢/Baotou	0	XX	XX	XX	XX	XX	XX
济钢/Jinan	100	XX	XX	XX	XX	XX	XX
柳钢/Liuzhou	1,242	XX	XX	XX	XX	XX	XX
攀钢/Panzhuhua	0	XX	XX	XX	XX	XX	XX
莱钢/Laiwu	380	XX	XX	XX	XX	XX	XX
昆钢/Kunming	868	XX	XX	XX	XX	XX	XX
Total	39,000	XX	XX	XX	XX	XX	XX

Cold Rolled (kt pa)

	2005 Production	2005 Capacity	2006e Capacity	2007e Capacity	2008e Capacity	2009e Capacity	2010e Capacity
宝钢集团/Baosteel	3,047	XX	XX	XX	XX	XX	XX
宝钢湛江/Baosteel & Shaoguan in Zhanjiang	0	XX	XX	XX	XX	XX	XX
武钢/Wuhan	915	XX	XX	XX	XX	XX	XX
鞍钢/Angang	1,648	XX	XX	XX	XX	XX	XX
首钢曹妃甸/Shougang & Tanggang in Caofeidian	0	XX	XX	XX	XX	XX	XX
武钢柳钢防城港/Wuhan & Liuzhou in Fangchenggang	100	XX	XX	XX	XX	XX	XX
首钢/Shougang	0	XX	XX	XX	XX	XX	XX
酒钢/Jiuquan	0	XX	XX	XX	XX	XX	XX
沙钢/Shagang	0	XX	XX	XX	XX	XX	XX
北台/Beitai	0	XX	XX	XX	XX	XX	XX
邯钢/Handan	60	XX	XX	XX	XX	XX	XX
高明基业/Gaoming Jiye	250	XX	XX	XX	XX	XX	XX
莱钢/Laiwu	0	XX	XX	XX	XX	XX	XX
马钢/Magang	1,055	XX	XX	XX	XX	XX	XX
涟钢/Lianyuan	27	XX	XX	XX	XX	XX	XX
安阳/Anyang	0	XX	XX	XX	XX	XX	XX
无锡长江/Wuxi Yangzi River	230	XX	XX	XX	XX	XX	XX
本钢/Benxi	752	XX	XX	XX	XX	XX	XX
唐钢/Tanggang	128	XX	XX	XX	XX	XX	XX
包钢/Baotou	240	XX	XX	XX	XX	XX	XX
攀钢/Panzhuhua	571	XX	XX	XX	XX	XX	XX
河北中钢/Hebei Zhonggang	100	XX	XX	XX	XX	XX	XX
通钢/Tonghua	0	XX	XX	XX	XX	XX	XX
山东冠洲/Guanzhou	2	XX	XX	XX	XX	XX	XX
天冷/Tianjin Cold Rolled	250	XX	XX	XX	XX	XX	XX
江阴西城/Jiangyin Xicheng	80	XX	XX	XX	XX	XX	XX
福建凯西/Fujian Kaixi	200	XX	XX	XX	XX	XX	XX
昆钢/Kunming	360	XX	XX	XX	XX	XX	XX
八钢/Bayi	200	XX	XX	XX	XX	XX	XX
济钢/Jinan	0	XX	XX	XX	XX	XX	XX
重钢/Chonggang	100	XX	XX	XX	XX	XX	XX
天津北方/Tianjin Northern	300	XX	XX	XX	XX	XX	XX
温州大自然/Wnzhou Daziran	35	XX	XX	XX	XX	XX	XX
高明金兰/Gaoming Jinlan	80	XX	XX	XX	XX	XX	XX
广东华冠/Guangdong Huaguan	50	XX	XX	XX	XX	XX	XX
Others	720	XX	XX	XX	XX	XX	XX
Total	11,500	XX	XX	XX	XX	XX	XX