



2010

www.hanbell.com.cn

emily_huai@hanbell.cn
ir@hanbell.cn

021-51365368

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.

“ ”

” :2015

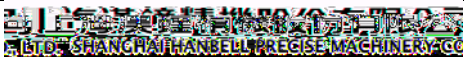
50%

520

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

2011

9%



7. 2011

8.

9.

10.

1.

2.

3.

4.

5.

6.

7. 2010

8. H&M

9.

1. 10 14

2.

3.

4.

5.

6.

7. 10 28 (4)

8.

9.

1

2010

2010

2010

75

2009

14%

2010

GDP

11.9%

(2009

)

5.7

1.2

2009

3.2

19.6%

14.5

1.6

17.9%

1.3

2.9

2010

2010

"

"

;

;

2010

75

2009

14%

2009

4

2010

2010

20%

(

)

“

”

2009

4

http://www.china-ics.cn/html/2010-10-27/251_7212.html Top ↑

2

“

”

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2010

2010 2009 8 2010 7

31.45%

2010 8

9 683 40.3% 447

29.5% 7 15

8

8

(AVC) 2010

3392

2.8%

5000 2599 1.5

9.9% 6.3%

7.1%

20.8

2010

“ ”

75.68%

5

3

http://www.china-ics.cn/html/2010-10-28/251_7262.html Top ↑

3

60%

”

”

"

"

"

10% "

"

"

"

8

32

" 3 5
2

2

5

"

"

"

"

"

http://www.china-ics.cn/html/2010-10-29/251_7385.html Top ↑

4

20 ° C-26 ° C

24

"

"

20 ° C-26 ° C

24

"

"

?

100 /

100

40%

30-50%

40%

60%

40%

http://www.china-ics.cn/html/2010-10-25/433_6941.html Top ↑

5

“ ”

1800 “ ”

600 2010 3500

2008 358 “ ” 69

168 121 9 ;4

3

“ ”

“ ” “ ”

200 26.7% 168

20

1600

2006 9 29 “ ”

2006

11 11 “

“ () 312

2008 1600

1000 600 2008

2900 2010 6500

32.5%

;

;

;

B3/01

4

3000

30%

15%~20%;

800

;

900

2006

9

60

“ ”

2003

197

67

51

26

80%

65%

http://www.china-ics.cn/html/2010-09-20/433_4557.html Top ↑

6

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()

”

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“

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“

”

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2500

6000

5%

;

2000

1000

20%

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4000

150

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1500

800

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4400

4%

2.6

4

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" "

10~20

5~10

2000

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" "

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" "

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2000

7000

?

"

”

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”

”

http://www.china-ics.cn/html/2010-09-29/441_5249.html Top ↑

7

11

5

1/3

30%

95%

6%

3%

<http://www.chinesevacuum.com/ShowArticle.aspx?id=34301&pid=39> Top ↑

8

8 16

9 15
25 3 220
8 3 2011
2011
6
2009 9

TFT-LCD()

(" ") 27

3 0.5mm

4

“

”

17%

<http://www.chinesevacuum.com/ShowArticle.aspx?id=34125&pid=39> Top ↑

9

8

12

6000 8000

/

3000

400 500

“ ”

2009

5 5

1000 8

20 10 2.49 2010 5 21

2010 12

20 5.51

4 16

36

“ 1.6 2

30% 50%

”

<http://www.chinesevacuum.com/ShowArticle.aspx?id=33854&pid=39> Top ↑

11 “ ” :2015

50%

2010 .

10 27 -31

“ ”

“ 2015 50% ”

21

“

“ 2010

50

37

46

“ ”

21

“ 2010 ” 5

“ ” . .

“ 1+X ” “ 1 ” “ 2010

“ “ X ” ()

4

Gary Bridge

5-10

75%

6

"

" Gary Bridge

"

"

<http://www.chinesevacuum.com/ShowArticle.aspx?id=34315&pid=39>

Top ↑

12 2015

520

5

8%

2015

520

5

5%

2015

5300

40%

2014

24%

5

	2010	20.94	2015	25.46
	30.07	33.27		110.42
142.32	9.62	10.49		35.34
39.51		106.58	117.03	
31.88	41.44	90.63	95.51	
http://www.51comp.com/news/2010/1103/article_13874071.html				Top ↑

13

HCFC

HCFC

HCFC

HCFC

2009-2010

2013

HCFC

R22

HCFC

Godwin

SNAP

HCFC

F - GAS

HCFC

HCFC

HCFC

(UNEP)

Shende

HCFC

HCFC

R290

R161

C02

R290

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Pega

C02

i

GWP



(000651,) (000651,) R290

R290

R290

R290

R290

R290

R290

2011

HCFC

(HPMP) 2013 HCFC 85%

R410a ;

15% R290 R161 HCFC

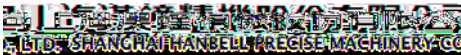
<http://www.chinaiol.com/html/article/2010-11/165211.asp?hy=3> Top ↑

14

2010

2011 LDK

1GW



“ ”

2010-2015

http://www.semi.org.cn/pv/news_show.aspx?ID=7782&classid=12 Top ↑

1

6 100

2009

2010 4 950

2010 7 2008 8380 2010 9000 2009 8

2009 2010

800 2010 1300 2006

07 2010 40 1100

2000 2009 30%

600 1100 2010 600

280

2009 2010

2011

2009 2010

5%—10%

2009 6

2010 3

R410A

30

40 50% 2009

300 2010

500 2010

75

50

2009 4X POWER 4
/4 /4 1 3 R134a
R417A

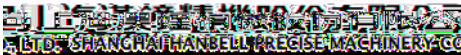
5 10 5 8000
1173 12,000 1760
2008 16,000 2,350 10
15,000 2200 20,000 2940

----- JARN 2010 8 Top ↑

2

Eurovent EMI
EMEA

2009 EMEA 15 50
5000
2008



15	2010				2				
				2010	2			2009	
							2010		
		2008		2010		20			
2009				180		80	2		
					50				
1/10			2009						
20	2010								
					2010			2010	
		10							
2009		43,200	1/3	29-72KW	20		72KW		
		13	22						
								2009	
					20	2010			
			5						
2010									
					2010				
	2010								
2009					110,000		50KW		
			50,000	50KW					
			12,000	700KW					
			2700				2000		
	water-to-water								towater

air-towater

2010

0

5

2009

80

EMI

75

90

JARN 2010 9

Top ↑

3

10 17 " ' '

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10 17 " ' '

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100

3.3-3.5

“ ”

200 , 26.7% 168

20

: 1600

2006 9 29 , “ ” ,

2006

11 11 , “

” () 312

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: 2008 , 1600

, 1000 , 600 2008 ,

2900 , 2010 , 6500 ,

32.5%. :

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B3/01

4

, 3000 ,

30%

15%~20%;

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2006
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X 9006

5

2500

2500 1000 5600 ;

2000 850 ; 1000 1000 ;

1500 800 ; 4120 1500

GDP2

GDP 4000

2010 GDP

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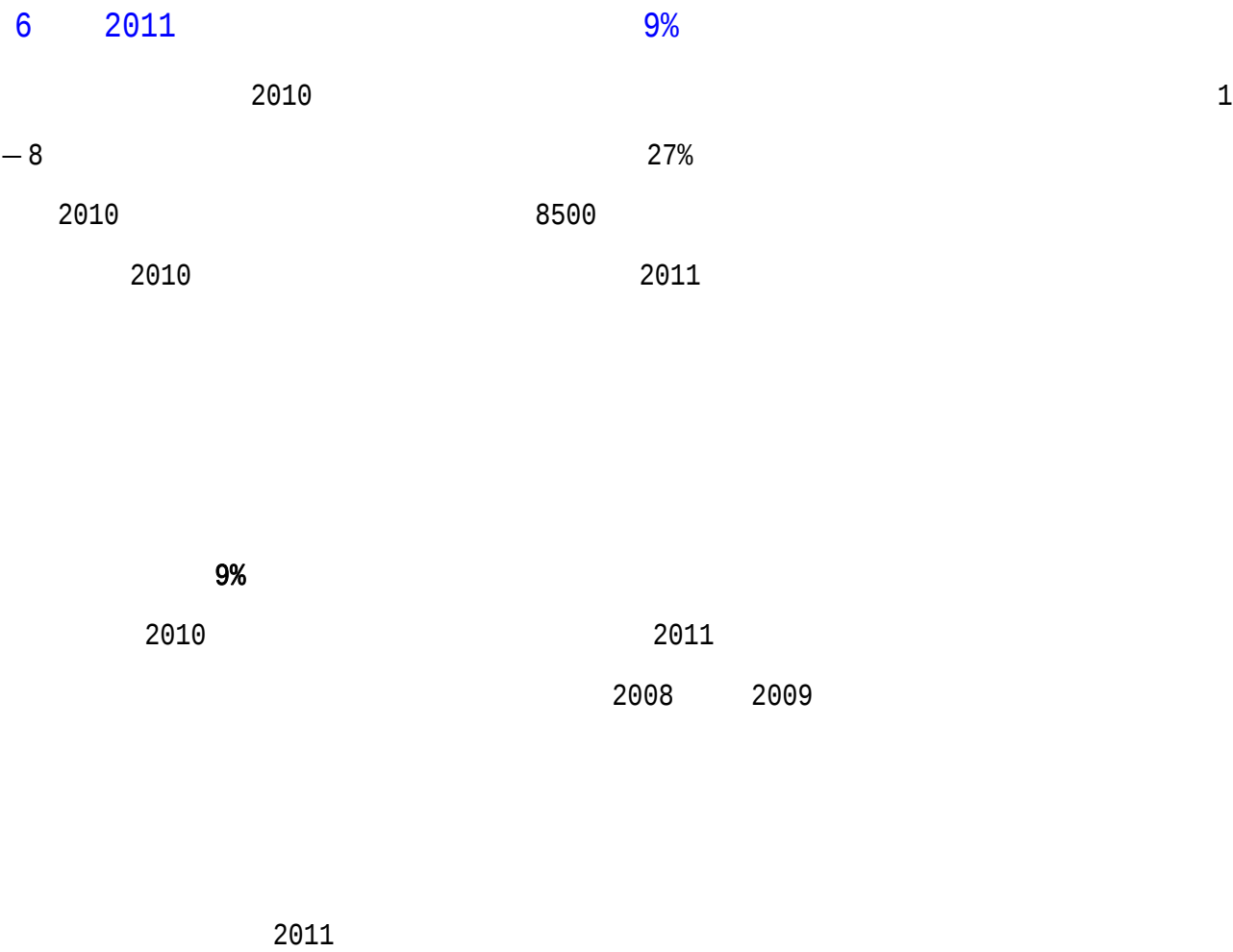
?

8

87.8%

è

http://www.china-ics.cn/html/2010-10-21/441_6829.html [Top ↑](#)



2011

9%

2010

100

1700

2011

TCL

“

”

2

“

”

1%

LG

“

”

10

5

”

”

<http://www.chinaiol.com/html/article/2010-11/165088.asp?hy=3>

Top ↑

7 2011

“ ”

2011

G-matrik

“ ”

8•36

R410A

“ ”

2011

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2011

0A

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I

2

2011

<http://www.chinaiol.com/html/article/2010-10/164247.asp?hy=3>

Top ↑

8

900

2200

33

2009

7

2500

520

;

500

(500)

2

(

)

250

900

2200

33

10

28%

30%

“

”

21

2009

http://www.china-ics.cn/html/2010-10-15/441_6354.html Top ↑

9

2010

Raman Chitkara

“

41%

50%

25% ”

2009

17%

40

670

Alison Wong

“

”

IDM

Ergun Genc

“

”

10%

25%

Chitkara

“

”

http://www.semi.org.cn/news/news_show.aspx?ID=26126&classid=117 Top ↑

10

2008

... ..

“ ”

“

”

“ ”

500

700-1000

1000-2000

3000

"

"

"

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"

"

"

"

“ ”

35%

2010 10

Top ↑

1

... ..

108

... ..

108

1

28

252

100

R290

R134a ODP 0

70

15

380%-600%

1/4

100%-150%

5%

R410A

R290

"

"

R290

VDE

VDE

R290

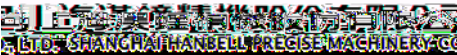
3.6

R22()

15%

A

,



1-8 80% 8-10

110% ,

, ,

10 18 93759 (106

) 6.91%; 8.3% 10

17 77.1 16.7% 9

http://www.china-ics.cn/html/2010-10-21/255_6828.html [Top ↑](#)

2

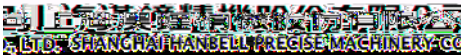
CMV-[V]

CMV-[V]

CMV-[V] 13 40

R410A

100KW ()



6 RFW65/T-PM ()

3

" " 1993

2

6

"

"

20

200

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"

1993

"

"

90

"

"

"

"

“

”

A

http://www.china-ics.cn/html/2010-10-12/255_5907.html [Top ↑](#)

4

“

”

“

”

40%

HX

“

”

49.7%

190

HX

5.2

COP 6.06 IPLV 7.05

" "

HEEP

7.0 40%

" "

2010 " "

" "

" "

80%-90%

“

”

http://www.china-ics.cn/html/2010-10-28/255_7333.html [Top ↑](#)

5

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17.85 6

10 15

800

2004

2006

2010

10% 100%

30%

380V 10000V

T3

12

10000

7

IT

KPIT

Zimnicea

TreasureIsland

2008

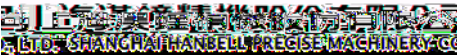
“ ”

http://www.china-ics.cn/html/2010-10-14/255_6121.html [Top ↑](#)

6

5

30



<http://www.chinaiol.com/html/article/2010-9/162655.asp?hy=52> [Top ↑](#)

7

2010

9 10

压缩机

--

"

-- 2010

"

200

60

1994

3

5

85

(BITZER)

COOLEST ()

()

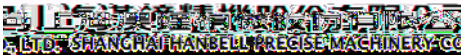
<http://www.chinaiol.com/html/article/2010-9/163347.asp?hy=52> Top ↑

8

H&M

2010 10 14

H&M



7 30

2 30

//

2004

7 30

Nelico

7 15

500

22000

H&M

2.5 7

20

40

23,000

13616417556

0531-83687276

<http://www.chinaiol.com/html/article/2010-11/165278.asp?hy=3> [Top ↑](#)

[1](#) [10](#) [14](#)

2010-10-14

... ..

002154	,
002155	,
002156	,
002157	,
002158	,
002159	,
002160	,
002161	,
002162	,
002163	,

... ..

<http://www.cnstock.com/index/gdbb/201010/919218.htm> [Top ↑](#)

2

2010-10-18

10 12 , A 814 , 614

814 75.43%

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,10

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50%,

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(600071,) *ST 100% 110% ;

d ò . Å

) (002123,) (000862,) (002169,)

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(002099,) (002020,) (002007,) *ST

(002399,) (600252,) (000423,) (002294,)

100%

,

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(000538,) (002412,) (002118,)

:

“ ” “ ”

,

(002304,) (600519,) A

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(000596,) (002220,) *ST

, *ST , 16000

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,

(002041,) (000713,)

, (000893,) (002234,)

175%

:96 ,38 ,

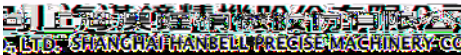
(600160,) (000049,) (002080,

) (002167,) (000973,) (600458,)

” , , 1500%

:

10 8 ,



, 18 , 2010 11 7 , 45.54
(600188,
) (002128,) (600348,) (600508,)
50%
:

, 2010
3000 , 2009 2280 31.5%,
(600584,)
(600654,) (000636,) (002141,)
(002189,) (002008,) (600460,)
(002241,) (002156,) (002129,) A
(002106,) (002056,) (002079,)
(002185,) (002138,) (300111,) (300115,
) (300077,) (600563,) (002119,
)
(310358,
) LED
(300088,) (300039,
) (002367,) (002308,)

<http://stock.hexun.com/2010-10-16/125146085.html> [Top ↑](#)

3

2010-10-20

	5	5
	3-5	4,000 -4,800
2020	1.6	
	C919	

F&G

<http://stock.cnstock.com/market/bkzz/201010/931751.htm> [Top ↑](#)

4

2010-10-25

... ..

002158 23488 26.37 27.50
2930

9781.06

2930

<http://news.163.com/10/1025/00/6JQ5HL9J00014AED.html> [Top ↑](#)

5

2010-10-24

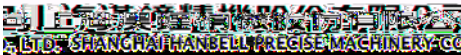
50% “ ”

2007

“ ”

“ 36 ”

“ 36 ”



2009

13

PE 20

“ ”

10 18

— —

5

3~5

4000 ~4800

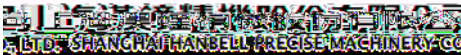
2015

79

2300

8820

F&G



<http://www.cnstock.com/index/gdbb/201010/942421.htm>

[Top ↑](#)

6

2010-10-28

		5 (%)	5 ()	20 ()	(%)
300019		19.57	61394	23645	159.65
300017		12.12	100207	38612	159.52
600618		15.63	247655	99540	148.8
600647		46.85	105767	42697	147.72
002276		17.58	154722	63662	143.04
600031		8.06	1325267	565769	134.24
002440		7.32	74008	31952	131.62
600483		13.57	123090	53385	130.57
600985		17.48	74710	32710	128.4
600783		39.98	116999	51364	127.78
600300		3.4	603657	266072	126.88
600983		-1.15	246377	110630	122.7
600237		19.64	419417	191288	119.26
002001		15.74	222875	101902	118.72
002207		6.54	53146	24371	118.07

600756		10.65	176489	81215	117.31
002158		14.12	25245	11750	114.85

9

2010-10-24

http://www.microbell.com/upfile/2010_10/20101024111916818.pdf [Top ↑](#)