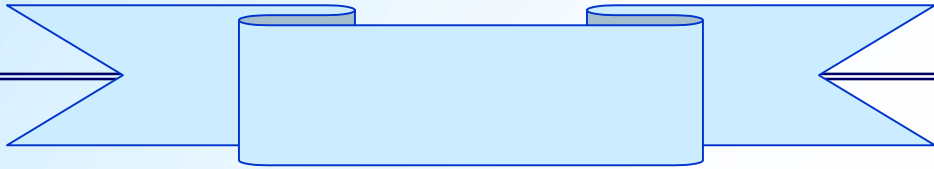


Introduction

*Rolling, Drawing and Extruding,
Machining of Non-ferrous Metals*



Hanametal Co., Ltd



1. Introduce & Products	-----	2
2. History of The Company	-----	3
3. List of Main Equipment & Facility	---	4
4. Business Performance Record	-----	5
5. Work Process	-----	6
6. Copper Material	-----	7
7. Copper Cooling Work	-----	8
8. Copper BusBar Electrical Line Work		
A.	--	10
B.	--	14
9. Electrical Material	-----	15
10. Welding	-----	19
11. SUS Cathode Blank	-----	21
12. MAP	-----	23

1. Introduce & Products

() PLANT			
	가		가가
() PLANT		KNOW-HOW	가

(Sheet)	, ,
(BusBar)	, ,
(Strips)	
	, ,
	() () 가

2. History of The Company

Year	Desc
1996. 2	
1996. 3	LG (LUCKY GOLD STAR)
1997. 2	(92-208)
1997. 4	Contact Bar
1998. 9	(132295) ()
1998. 11	(KS F 4519)
2000. 8	
2001. 8	Fumer Copper Block
2002. 2	(0326591) (Contact Bar)
2002. 3	(, Strip)
2002. 5	
2002. 10	
2002. 12	. ()
2003. 2	ISO 9001-2000

3. List of Main Equipment & Facility

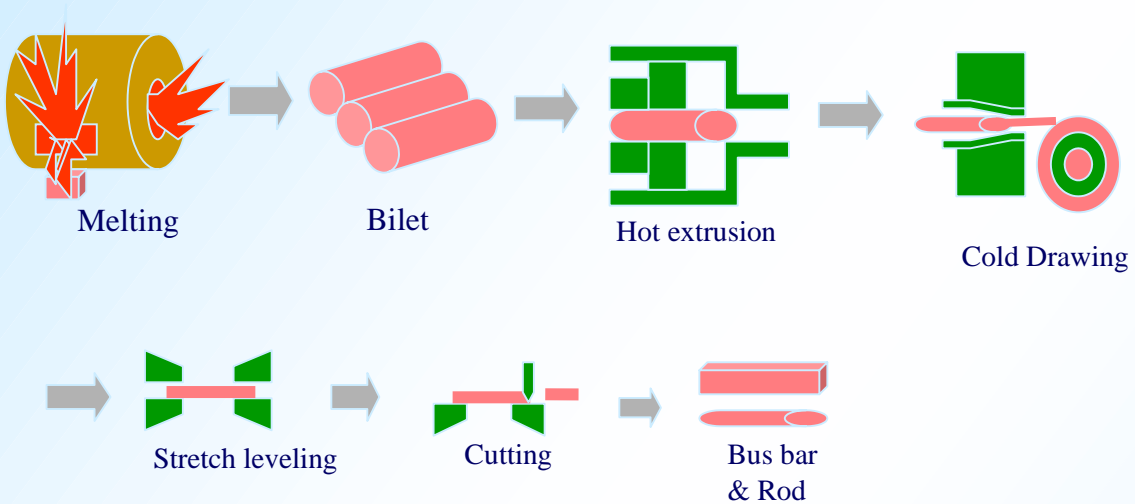
	/	
/	1~3	
	2, 4	
Coil	6, 4, 4	
	, , , MCT,	

4. Business Performance Record

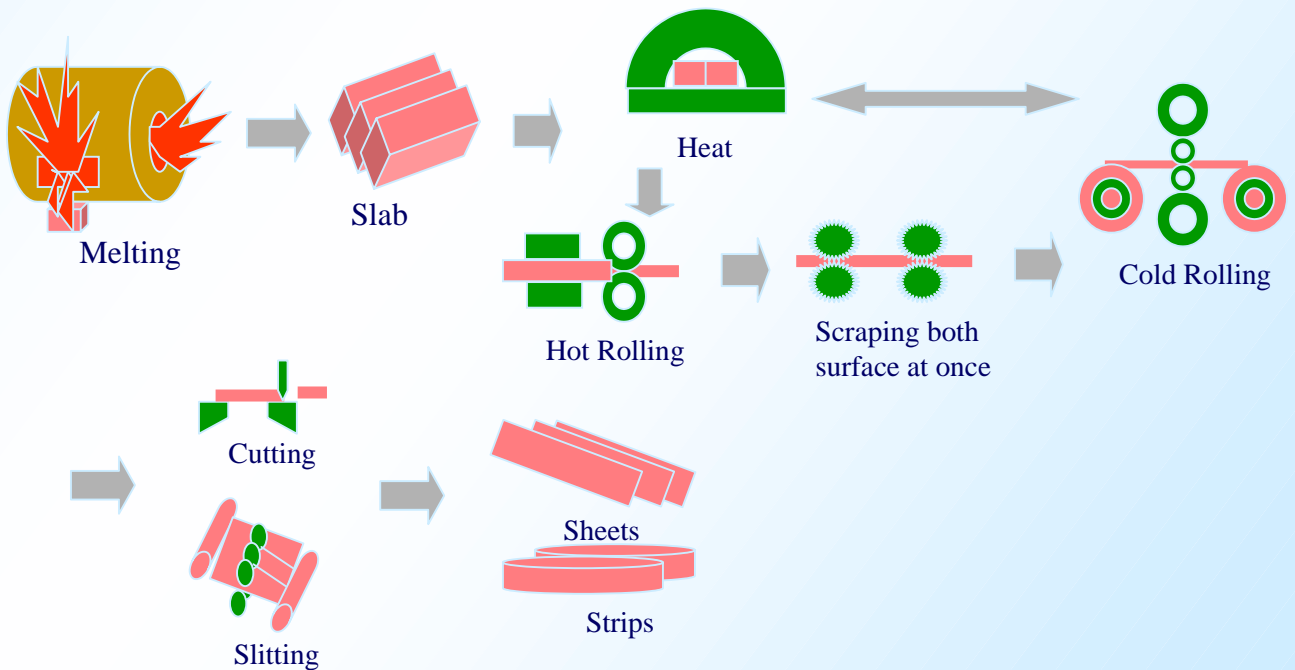
1		DC 12,000A(24V~48V) 50 (ETL, CGL CAL, ECL, Bus-Bar Line , Leflow)
		(CAD) Bus-Bar
2		Copper Block Colling Plant equipment () (DC 160,000A)
		1 가 Check Test (Test, RT,UT,PT Check Test)
3		- Contact bar (OF- Copper , O2 5ppm~8ppm, Cu 99.98%) Pb anode plate Main Bus-Bar Special alloy Copper (Bus-Bar)
4		POSTIN Electric Tin plate Line plant (DC 8,000A , 15,000A)
		Bus-Bar .

5. Work Process

BusBar & Rod Line



Sheets & Strips Line



7. Copper Cooling Work

1.



•

2.



•

/

3.



4.



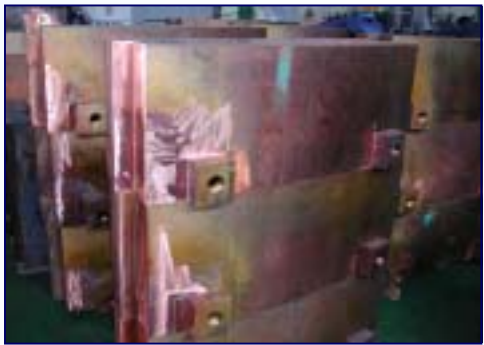
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**5.
Flow**



- Cooling

6.



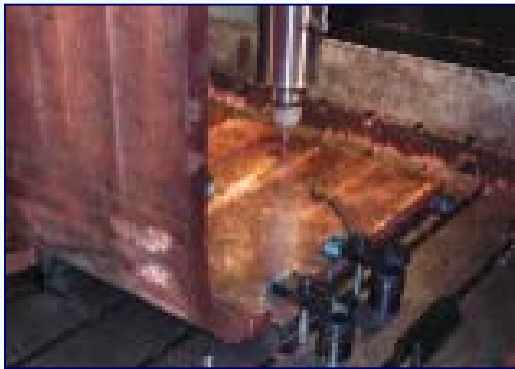
- Cooling Plant

8. Copper BusBar Electrical Line Work

A.



- Main BusBar Hole 가 (30~80T * 200~600T * Max 7000M)



**1.
Main
BusBar**



•



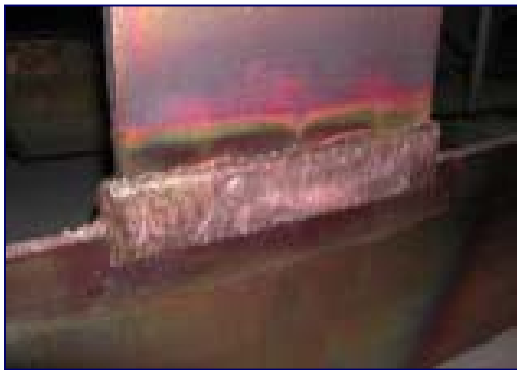
•

**1.
Main
BusBar**



- Main BusBar Hole 가

2.





3.

•

•

(15~ 30T& * 200~400W *
Max 15M)



•



**4.
Main
BusBar**



- Main BusBar



5.



B.

**1.
BusBar
Electrical
Line
Work**



- MAIN() BUS BAR



- BusBar Line

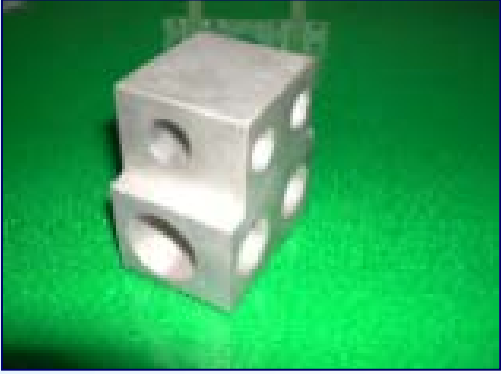





- BusBar Line



- Rubber Coating Flexible BusBar Line

9. Electrical Material

<p>1. Copper 가</p>		<ul style="list-style-type: none"> • 가 Tin coating
		<ul style="list-style-type: none"> • 가 Ag coating
<p>2. D</p>		<ul style="list-style-type: none"> • (D)
<p>3. Bi- Metal Contact</p>		<ul style="list-style-type: none"> • (Bi-Metal)

**4.
Equipotential
Bar**



- : BAR 150
가
- 가



- Final Product
- OFC
(40~60T * 50~200W
* Max 15000L)





**5.
Flexible**



- Copper Flexible
- (50T * 550W * 1500L)
- : 가
- Line



- AL Flexible
(6T * 400 * 750L)

<p>6. Head Bar</p>		<ul style="list-style-type: none"> 가 (80T * 550W * 3300L)
<p>7. BusBar</p>		<ul style="list-style-type: none"> BusBar Main Line (50~80T * 200~600W * 1000~8000L)
<p>8. PB Anode</p>		<ul style="list-style-type: none"> (+ Pb Plate)
<p>9. Short Bar</p>		<ul style="list-style-type: none">







- Diverter S/W
()



- Diverter S/W
()

**10.
Diverter
S/W**

10. Welding

1.		<ul style="list-style-type: none">• Jig Setting
		<ul style="list-style-type: none">• 가 ()
		<ul style="list-style-type: none">• (T) (35T * 60W * 300L)
		

**3.
AL
+
Cu
Welding**



-



- AL Bar + Cu Bar
가 ()

**4.
Cu
Welding**



-



Cu
BAg
Bcup

11. SUS Cathode Blank

A. SUS Cathode Blank (Type A)

Front



**The
Welding
Point Of
Sus**



B. SUS Cathode Blank (Type B)

Front



**The Contact
Point with
Cu and Sus**



12. MAP



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