POT EQUIPMENTS, AIR KNIFE & FURNACE ITEMS

FOR GALVANISING AND GALVALUME LINES

Gujarat Nippon International Pvt. Ltd.
THE AGENT AUTHORIZATION

TO WHOMSOEVER IT MAY CONCERN

We hereby state that M/s Gujarat Nippon International Pvt Ltd having its registered office at 21, Navyug Industrial Estate, MIDC Cross Road, J.B.Nagar, Andheri (East), Mumbai-59, India are our Authorised Representative to represent us and take orders on behalf of us for all Pot Equipments like Sink and Stabiliser Rolls, Bushes, Arms, Air knives and Furnace items like Ceramic Coated Rolls, Radiant tubes, Hot Bridggle Rolls, Water cooled Rolls, Earth Rolls, Snouts etc for Galvalume / Galvanising and Coating Lines. This agreement is valid from 01st April, 2013 till 31st March, 2016 subject to renewable hereafter.

Maker Metallurgy Technology Co., Ltd
上海军棠机械科技有限公司

(Signed and stamp)

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www.sinkrolls.com
Gujarat Nippon International Pvt. Ltd.

Company Profile

Company Name: Maker Metallurgy Technology Co., Ltd
Date of Establishment: MAIER = 1999, MMT = 2000
Enterprise Type: Private
Total Registered Capital: Al calorie USD 740,000
Total Plant/Workshop Area: 46,000 m² = 794000 ft²
Number of Employees: 260
Engineer & Technicians: 30
Capability: DD45mm - DD1600mm (Centrifugal Casting Tube)
Process: Centrifugal Casting, Co-Wrapping, Sand Casting, etc.
Detection: Ultrasound, Gage, FT Test, Magnetic Test, X-ray Test, etc.
Total Sales 2011: Approx. USD 16 Million
Local/Export (Lt): 95/10
Address: MAIER No. 1080 Jingong Road, Shanghai, China
Factory: Daping Industrial Park, Jiangsu, China
Contact Person: Mike Wang (Manager)
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Website: www.sinkrolls.com

Maker Metallurgy

With 10 years of production experience of heat-resistant and wear-resistant alloy products. Was invested by Maker in China.

Focus on becoming a professional supplier of metallurgical accessories

Application:
- Hot dip galvanizing line (both wet flux and gas reduction type)
- Strip Continuous galvanizing line
- Strip Continuous galvanaline
- Strip Continuous galvanumine
- Strip Continuous Color coating line
- Strip Continuous annealing line

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Pot equipments

Zinc pot is one of the key sectors of the GI and GA line. The spare parts determine the quality of the product and production costs.

We can provide all the spare parts related with the zinc pot:

- Sink roll
- Stabilizing roll
- Arms
- Bush and sleeves
- Snout
- Arm tension rod
- Center protection cap
- Drossers
- Stopper and slider
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- **Pot equipments**
  - **Sink roll**

- **Part Name**
  - Sink roll

- **Material**
  - SS316L ferrite free
  - CF-3M

- **Production Process**
  - Centrifugal casting
  - Solid solution treatment

- **Inspection**
  - Melting material inspection
  - PT inspection
  - Balance test

- **Comments**
  - Surface could be smooth, groove, hole, drum and etc.

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Pot equipments
- Stabilizing roll

- Part Name
  Stabilizing roll

- Material
  SS316L ferrite free
  CF-3M

- Production Process
  Centrifugal casting
  Forging
  Solid solution treatment

- Inspection
  Melting material inspection
  PT inspection
  Balance test

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Pot equipments

- Arms

- Part Name
  - Sink roll arm
  - Stabilizing roll arm

- Material
  - SS316L ferrite free
  - CF-3M

- Production Process
  - Sand casting

- Inspection
  - Melting material inspection
  - PT inspection
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**Pot equipments**

- **Bush & Sleeve**

  - **Part Name**
    - Sink roll bush & sleeve
    - Stabilizing roll bush & sleeve
  
  - **Material**
    - Maker-1 (Private formula)
    - Maker-2 (Private formula)
    - Canalloy
    - Stellite 6

  - **Production Process**
    - Centrifugal casting
      - (Much better than sand casting or lost wax casting)

  - **Inspection**
    - Melting material inspection

[Image of bush & sleeve components]

[Image of pot equipment packaging]

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- Pot equipments
  - Snout

- Part Name
  - Snout

- Material
  - SS316L
  - CF-3M
  - Carbon steel for flange

- Production Process
  - Sand casting

- Inspection
  - Melting material inspection

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- Pot equipments
  - Arm tension rod
  - Drosser
  - Center protection cap
  - Stopper and slider
  - Arms assembly
  - Zinc pump
  - Others

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Annealing furnace is one of the key sectors of GI/GA line.

Annealing furnace was also widely used in other steel continuous annealing lines.

We can provide the following products:
- Furnace roll
- Water cooled hearth roll
- Hot bridge roll / Deflector roll
- Gas radiant tube
- Electric radiant tube
- Electric radiant tube ceramic heater
- Gas Burner
- Heating elements

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Annealing furnace

- Furnace roll

- Material
  - 1Cr18Ni9Ti
  - 3Cr24Ni7NSiRe
  - Cr25Ni20
  - Cr25Ni35 (Nb)
  - Cr28Ni48
  - Cr28Ni48W5
  - MORE series
  - HK HH series
  - SCH series
  - ...

- Production Process
  - Centrifugal casting

- Inspection
  - Melting material inspection
  - PT inspection
  - Balance test

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Annealing furnace
   Water cooled roll

- Part Name
  Water cooled hearth roll

- Material
  Cr28Ni48W5
  Cr25Ni12
  SS304

- Production Process
  Centrifugal casting

- Inspection
  Melting material inspection
  PT inspection
  Balance test

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Annealing furnace
- Hot bridle/Deflector roll

- Part Name
  Hot bridle roll
  Deflector roll

- Material
  3Cr24Ni7SiRe
  SS316L
  CF-3M

- Production Process
  Centrifugal casting

- Inspection
  Melting material inspection
  PT inspection
  Balance test

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Annealing furnace

- Radiant tube

- Part Name
  - Furnace roll

- Material
  - Cr25Ni20Cr25
  - Cr25Ni35 (Nb)
  - Cr28Ni48
  - Cr28Ni48W5

- Shape type
  - U, W, Straight Pipe...

- Heat type
  - Gas burn
  - Electric

- Production Process
  - Centrifugal casting

- Inspection
  - Melting material inspection
  - PT inspection
  - Hydraulic pressure test

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Air knife

We mainly provide 3 types of air knife with different structures.
The minimum coated weight could reach 40g/sqm (Double surface).

- **Maker-AK01 type:** Basic structure, absorb and combine the technology from Kohler air knife.
- **Maker-AK02 type:** Advance structure, absorb and combine the technology from FOEN and DUMA air knife. Multi-joint air injection.
- **Maker-AK03 type:** Advance structure, Private design. Double-joint air injection.

We can provide below products,
- Full set air knife
- Air knife assembly
- Air knife nozzle assembly
- Side baffle
- Lips
- Lifting device
- Mobile device
- ...

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Contact

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