**SGM MAGNETICS ENQUIRY FORM**



**Billets and Bars**

**General Information:**

|  |  |
| --- | --- |
| Company name |  |
| Person to contact |  |
| E-mail address |  |
| Phone no. |  |
| Address |  |
| Your SGM Contact | Name: | Phone no.: |

**Specifications:**

|  |  |  |
| --- | --- | --- |
| 🞎 Standard billets | 🞎 H Billets H | 🞎 Bars |
| length | Min. mm | Max. mm |
| section | Min. mm x mm | Max. mm x mm |
| Maximum weight of the billet layer | Min. kg | Max. kg |
| Size of the H-shaped billet flanges | Min. mm | Max. mm |
| Number of billets to be handled | Qty. | Per section |
| Qty. | Per section |
| Qty. | Per section |
| Temperature | 🞎 Room | 🞎 Hot (>150°C/300°F) |
| **For hot slabs & blooms only** |
| Standard surface temperature °C/°F |
| Maximum surface temperature °C/°F |
| Standard time per magnet lifting cycle seconds |
| Magnet operating time hours/day for days/week |
| Slab caster capacity per hour (8 hours) tons/US tons |
| Melting furnace capacity per hour tons/hour |
| Are there pauses in operations? 🞎 No 🞎 Yes, every hh/mm to hh/mm |
| **Straightness of billets, bars** |
| 🞎 good | 🞎 Other, maximum deflection within the central three metres mm |



**Crane specifications:**

|  |  |  |
| --- | --- | --- |
| Crane rated voltage |  🞎 Vac 🞎 Vdc |  |
| Crane working environment | 🞎 Indoor 🞎 Outdoor |  |
| **Crane type and capacity** |  |  |
| 🞎 Single hoist | 🞎Two hoists (set distance) | 🞎Two independent hoists |



|  |  |  |
| --- | --- | --- |
| Capacity tons | Capacity 1 tons | Capacity 1 tons |
|  | Capacity 2 tons | Capacity 2 tons |
|  | Set distancemm/inches |  |

**Remarks**:

|  |
| --- |
| **Preferred solution:** |
| 🞎 Electro-magnet  |
| 🞎 Electro-permanent magnet |
|  🞎 No preference |
| **For Electro-magnet only** |
| Battery back-up requested:  | 🞎 Lead Acid Type  | 🞎 Gel Type | 🞎 Not requested |
| Battery back-up duration: | 🞎 20 minutes | 🞎 30 minutes | 🞎 Other |
| **Lifting area environment:** |
| 🞎 Slab yard |
| 🞎 Truck or railcar loading |
| 🞎 Vessel loading |
| 🞎 Else |