

High-Precision Billet (Cut-by-Weight) Cut-to-Length System

Contact: Floria Liang

Email: sales@whzfy.com

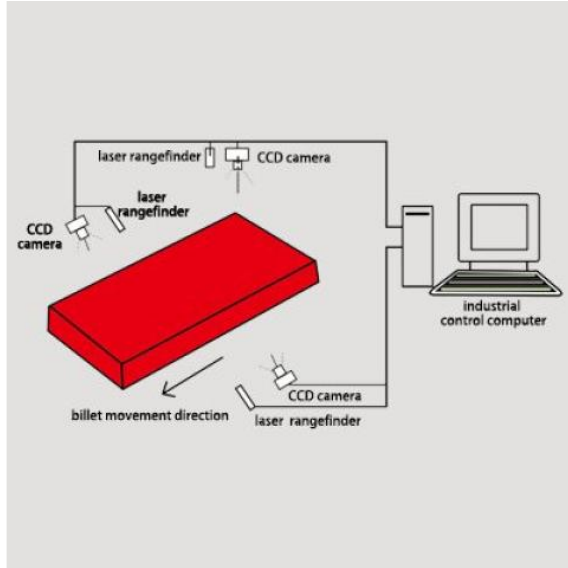
https://postlister.com/business-industry/industrial-machinery-tools/high-precision-billet-cut-by-weight-cut-to-length-system_i3238

Address:

Wuhan

Price:

Check with seller



Overview

The system realizes the fixed-length measurement of the width, thickness and length of the continuously cast product through machine vision and laser ranging system. The measured data is transmitted to the host system through the optical fiber. The host system calculates the weight of each billet according to different steel grades and specific gravity, so that we can realize the fixed length measurement and fixed weight control of the cast products and the precise control of the steelmaking process in the production process. After cutting the billets by fixed weight and length, the fixed weight cut-to-length system is checked by the online weighing measurement system, so as to give feedback to the fixed length model of control system.

The slab number (automatic checking) can also be automatically identified online by using machine vision, and the weight and slab number can be automatically stored in the local database for use in the production and management system.

The measuring principle of the system

On the upper surface of the billet, a set of linear CCD cameras and a laser ranging instrument are respectively installed. Through machine vision and laser correction, we can achieve precise measurement of the cast products' shape. Through accurate cast products'

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>

**High-Precision
(Cut-by-Weight)
Billet
System**
sales@whzfy.com
<http://tinyurl.com/yplqzcco>