



TOP QUALITY TOP ENTERPRISE

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MULTI-FUNCTIONAL STOKING MACHINE

- ★ Diesel engine or AC motor driven
- ★ High efficiency and reliability
- ★ 14 years of experiences in heavy machine for metallurgical industry

Changsha CARRIE Heavy Industry Machinery Co., Ltd.

High-tech enterprises · CE certificate · ISO9001 ·

MSM

MULTI-FUNCTIONAL STOKING MACHINE

Introduction

The multifunction stoking machine, or called stoking car, is a special vehicle for ferroalloy production enterprises. The car is driven either by AC motor or diesel engine and equipped with a hydraulically operated charging and stoking facilities. In

Features

◆ Multifunctions

In case of tube charging, the material can be distributed by the stoking tool. Deep stoking, crushing of slag bridges and opening of gas bubbles are easily possible either.



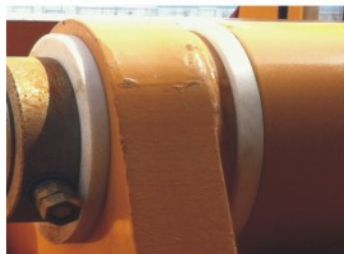
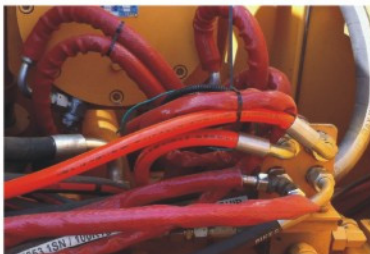
◆ Safety & Reliability

- ★ Water-cooled system uses patented technology to extend the life of the hydraulic system
- ★ The hydraulic system uses high-temperature design, adapt to long-term operation in ferro alloy making plant
- ★ Bare hose with high temperature protection assure long service life
- ★ Electrical insulation using patented technology protects the operator

▼ Bare hose with high temperature protection

▼ Electrical insulation using patented technology

▼ Cylinder with water-cooling system



◆ Durability

- ★ Designed for heavy duty
- ★ Frame is made of high strength steel
- ★ Operation tools are of heat-resistant steel manufacturing

▼ Heavy load test

▼ Frame

▼ Frame



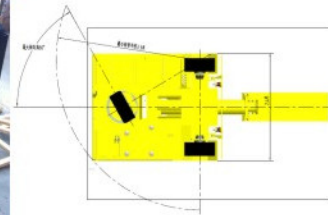
Focus on quality, Fully optimized

◆ Efficiency

- ★ Fast action : Large flow hydraulic pump / motor
- ★ Maneuverability : Small turning radius
- ★ Power : Diesel engine or AC motor



▲ Powerful Engine



▲ Small rotating radius

◆ Man-machine Engineering

- ★ Comfortable cab with a large space and wide vision
- ★ Fire-retardant insulation layer, chain link fence and lift seat are installed in the cab.
- ★ Air conditioner optional.



▲ Dashboard



▲ Chain link fence

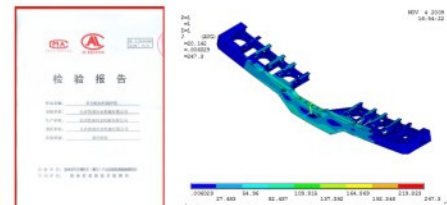
▲ Air conditioner

Specification

Description	AC Motor Driven MSM-E25000	Diesel Engine Driven MSM-D25000
Machine weight	8t	8.5t
Full Load weight	10t	10.5t
Machine height	2150mm	2150mm
Machine length	3130mm	3130mm
Machine width	2300mm	2300mm
Charging box capacity	0.5m ³	0.5m ³
Speed	0~120m/min	0~120m/min
Thrust force	45kN	45kN
Push Force	53kN	53kN
Swing angle	+3° ~-30°	+3° ~-30°

◆ Company profile

Established in 2000, Changsha Carrie Heavy Industry Machinery co.,ltd is a high-tech enterprise, located in the Changsha Lugu High&New technology zone, and has a metallurgical industry center in Ningxiang state level high technology development zone, covering 67,000m² land and over 100 staff members.



3rd party test report



Customer test



Honor & Certificates / Customers

◆ Innovation

- ☐ 2 patents in Stoking machine
- ☐ The patent on the tractor-type and U-frame Slag Pot Carrier is the only one of this kind among Chinese suppliers
- ☐ 11 patents in other fields
- ☐ The manufacturer of the biggest Slag Pot Carrier and Ladle Carrier in Asia



◆ Research cooperation

Expand cooperation with Central South University, Hunan University, Changsha University of Science and Technology on safety of high-temperature liquid metal transportation

◆ National manufacturing license for special equipment

The only enterprise in the same industry which acquires the national manufacturing license for special equipment



◆ Customers

CARRIE supplies four types of product: slag pot carriers, pallet transporters, tractors and stoking machine. We have provided products for customers from China, South Korea, India, Malaysia, Egypt, Vietnam and other countries.



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