

## Slag Pot Transport and Dumping



In order to ease the contradiction between steel slag transportation and the development of steel mills equipment technology of domestic, the GW90 slag pot carrier has been designed and developed.

The maximum rated load of GW90 Slag pot Carrier is 90 ton, which can cooperate with many kinds of bridge machine for the railway passenger transport special line to complete the corresponding works, and is the key equipment of steel slag handling production line, which can loading, transport and unloading the steel slag.

The operation of drive, steering, braking, and working devices are driven by electro hydraulic proportional control system, which can increase the reliability and interoperability of slag pot carrier, and is easy to realize power matching and energy saving. The hydrodynamic transmission system is adopted for drive, through the combination of the electro-hydraulic power shift control system and three-phase converter, have resolved frequent load changes in driving and the matching of engine.

Steering system is electro-hydraulic power steering, which can provide the right road feel to the driver and the solution for the realization of unmanned systems. The wet disc brake system based on electro-hydraulic control system is used, and can increased brake performance and reliability. The close-type load-sensing hydraulic system is used for working device, which improves the composite performance, so that the speed of the luffing and dumping can be controlled in real-time. In this foundation, GW bus is developed in the electronic control system,

and the questions of mechanical drive and control system information integration and disperser control have been solved.

At the same time, slag pot carrier also has intellectualized systems as the remote control, anti-collision, fault diagnosis and so on.

E-mail: [casting@chaeng.co](mailto:casting@chaeng.co)

Telephone: +86-371-55019608

Fax: +86-371-55019608

Skype: GreatWall1958