

# GraviMac-C电缆米重在线测控系统

## GraviMac-C series of Gravimetric Control System



沃思GraviMac-C米重在线测控系统（简称“沃思米重系统”），通过测量并自动控制电缆挤出生产过程，使得产品米重恒定在设定的目标值范围，从而促进产品的质量目标、效率目标、成本目标和能耗目标的科学实现。

GraviMac-C series of Gravimetric Control System for Cable, keep the meter weight within the target value range settings by measuring and automatically controlling the cable extrusion production process, so as to improve some targets of product quality, efficiency, cost saving and energy consumption.

### 适用范围

适用行业：电缆、光缆的护套及绝缘层的生产过程控制与测量。

适用塑料制品材料及添加剂形状：粉末状、小球状/颗粒状、细粉状及其混合物。

### Applications

Industry: Production process control and measurement of the sheath and insulation layer of cables and optical cables.

Applicable Additive shape : powder, globular/granule, fine powder and the mixture.

### 本系统对生产带来的效益

- 确保线缆升降速过程中，线径的稳定控制；
- 缩短升降速时间，提高生产效率；
- 生产全过程保障线径稳定, 节省原料1%-5%；
- 降低生产能耗成本；
- 降低人工成本；
- 降低对工人能力与素质的要求，方便产线扩充。

### Benefits

- Ensure the stable control of line diameter in the process of hauling speed rise and down.
- Shorten the time of speed rise and down, improve the production efficiency.
- Ensure the stable line diameter in whole production process and saves 1% - 5% of raw materials.
- Reduce energy consumption cost.
- Reduce labor cost.
- Reduce the requirements of experienced workers, benefit for enlarging production lines.

## 作用—实现真正意义的全过程线径与米重控制

Function - realize the true control of the whole process liner and meter weight

- 全自动化生产：全自动控制生产线的稳速生产，并全程控制高低速生产过程切换；
  - 产品质量提升：生产全过程控制线缆外径的一致性；
  - 物料用量节约：在满足线径工艺要求的前提下，实现物料用量的节约，并提供用料统计；
  - 设备维护决策：提供生产设备的生产能力与设备稳定性的定性分析数据。
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- Completely automatic production: fully automatic control of stable production of the production line, and full control of high and low speed production process switching.
  - Product quality improvement: control the consistency of cable outer diameter throughout the production process.
  - Raw material saving: On the premise of meeting the requirements of wire diameter process, the material consumption is saved and the material consumption statistics will be provided.
  - Equipment maintenance decision: provide qualitative analysis data of production capacity and stability of production equipment.



## 产品配置 Product Configuration

型号 Model	产量* ( kg/hr) Output	尺寸 (mm) Size
GMS-02-C	1~90	350*220*632
GMS-04-C	1~150	665*345*649
GMS-08-C	10~350	665*345*775
GMS-12-C	25~500	665*345*900
GMS-20-C	35~900	665*345*1009
GMS-30-C	60~1250	665*345*1251

产量\*：基于特定原料和沃思特定方法测定。

Output\*: Based on specific raw materials and the specific methods of WalthMac.