

Constant Feed Weigher & Conveyor Scale

Newly designed DAEDO Constant Feed Weigher & Belt Scale DDC series features high performance & wide application for Steel plant, Power plant, Cement plant, Chemical plant & fertilizer plant.



A Load cell type Constant Feed Weigher & conveyor scales that is easy to maintain, high accuracy and stable in performance



정량공급피더 Constant Feed Weigher

높은 공급 정확도와 안정성 유지 관리가 용이한 로드셀 방식의 정량 공급 feeder

대도계기(주)의 정량공급 feeder는 원료 저장용 hopper에서 벨트로 이송되는 분, 입체의 이송량이 일정하도록 자동제어 하는 장치입니다. 피계량물의 투입량의 변화도는 다른 요소의 영향을 받는 원료의 실제 이송량이 목표량이 되도록 벨트의 속도를 제어하여 일정하게 연속 공급 합니다. 생산 현장에서의 배합관리 및 생산 관리 등에 반드시 필요하며 높은 생산성 향상에 기여 하게 됩니다.

형식기호 How to select model No.

DD-CFW-D2-800-1-T0-1

Load cell 적용 A2:ALC2개 / D2:DLC2개

벨트폭 600,750,900,1050,1200.....

구동부 1:일체형, 2:분리형±

밀폐구조 T0:open, FC:full covered

속도검출기 1:belt touch type 2:Pulley mounting type

SPECIFICATIONS

Model	Refer above table
Capacity	Max.1200t/hr
Control Range	Max. 1:10
Weighing Accuracy	± 1/200 of F.S.
Control Accuracy	± 1/100 of F.S
Motor control method	AC inverter



- 다양한 선택형 Controller (3종류중 선택 가능) -



UNIPULSE
MODEL : F805AT



KUBOTA
MODEL : KF-C3000+KF-OT



KF-OT-P



KF-OT-H

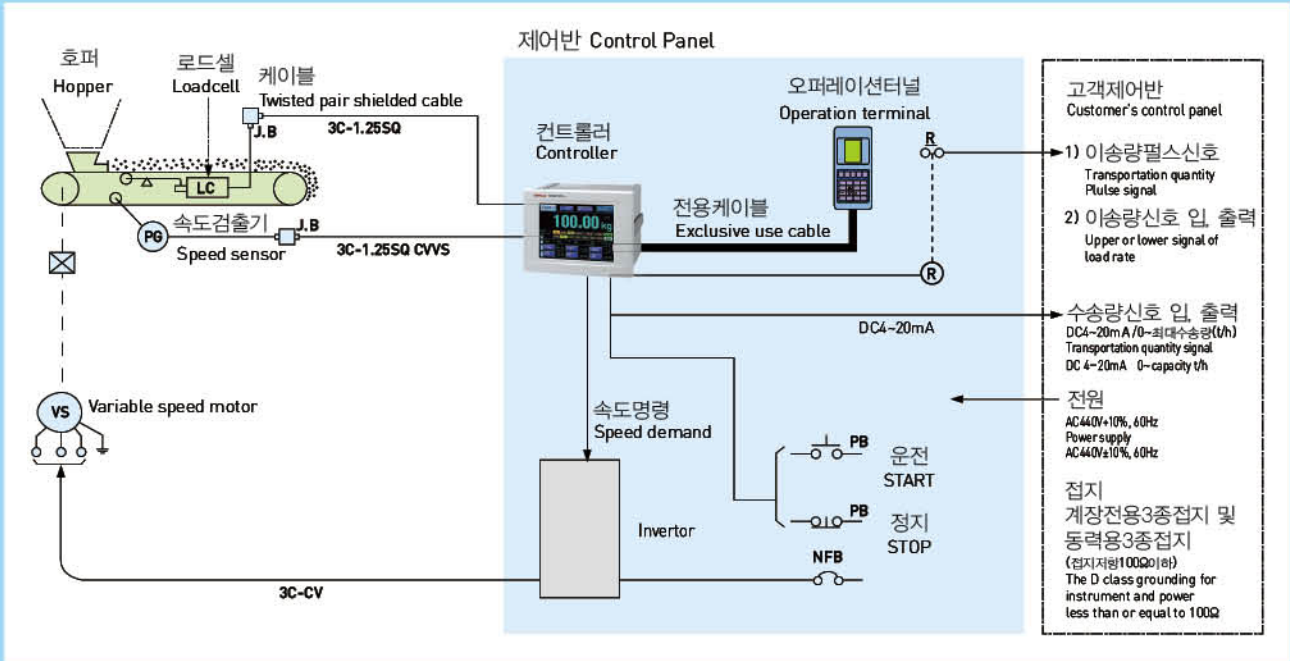
제어반
취부형

현장
거치형

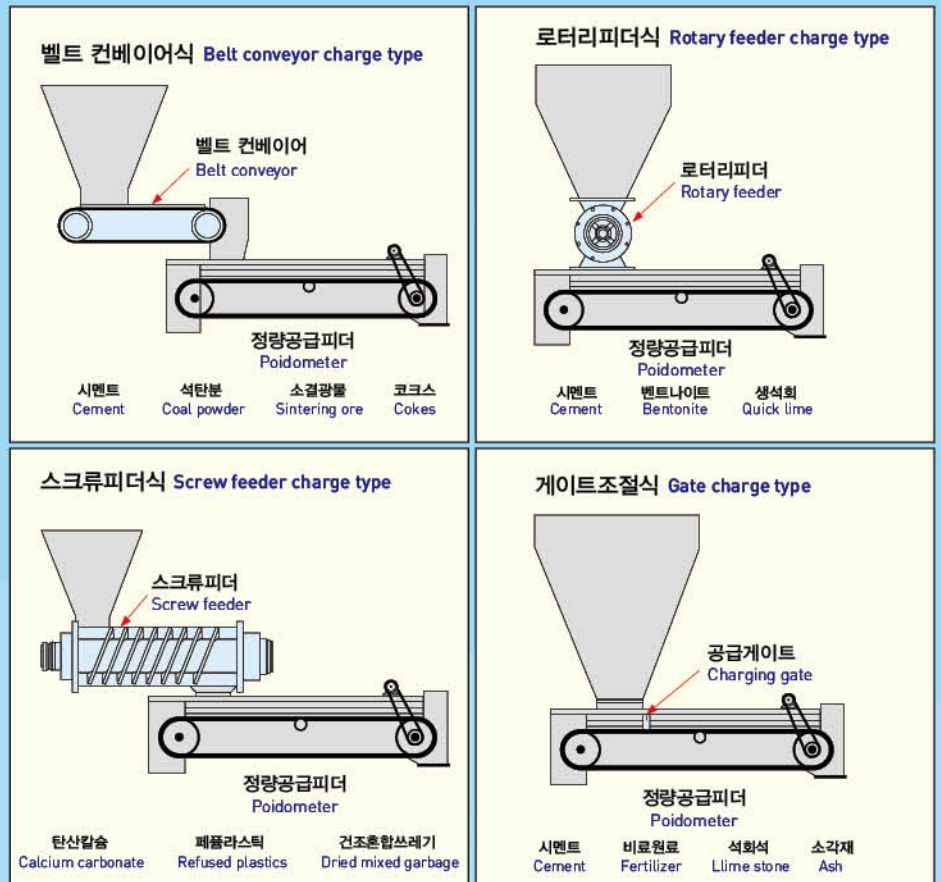


EMC
MODEL : MD-1

표준제어구성도 Control Block Diagram



적용사례





**CONTROLS PLATFORM
FOR WEIGHING & FEEDING**

THE INTELLIGENT EVOLUTION OF PROCESS EQUIPMENT

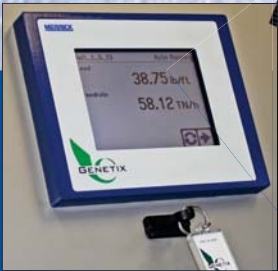


MERRICK

The Merrick logo features a stylized, grey, semi-circular gear or sprocket shape positioned above the word "MERRICK". The word is written in a bold, blue, sans-serif font with a thick horizontal bar underneath it.

Genetix® has the flexibility to accommodate both simple and complex system configurations. With Genetix® you can choose where to add intelligence to your process and the best method to seamlessly integrate the information into your plant control system. You can adapt Genetix® to your system and application needs.

- Single Board Control provides smaller size while improving capabilities and performance.
- Superior Weighing Resolution of 16,000,000 Divisions (24-bit A/D Conversion)
- Based on latest embedded technology ARM Processor
- Programmable USB, RS-232 and RS-485 Serial Communications Ports
- Fully equipped with Analog and Digital Inputs and Outputs (Pluggable Terminals)
- Available in a multitude of NEMA and IP Rated Enclosures



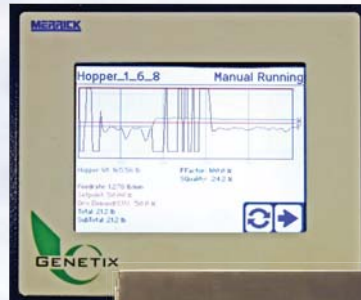
PROCESS DEVICE

Belt Feeder
Belt Batcher
Loss-in-Weight Feeder
Weigh Out Batcher
Belt Scale
Bulk Bag System
Flowmeter
Bin Weigher

WORKS WITH

USER INTERFACE

Color Touch Interface
LCD Membrane
Wireless



WORKS WITH

INDUSTRIAL NETWORKING

Ethernet
Modbus
PROFIBUS®
DeviceNet™
ControlNet™
Scalenet
DF-1



**PROFI
BUS**

WORKS WITH

SUPERVISORY CONTROLS

DCS
HMI & PLC
Recipe Blend System



INTERNAL OR EXTERNAL DNA KEY INTERFACE

Portable memory key
Simple and easy to use
Store and reload set-up parameters
Store material characteristics

GENETIX® PORTABLE WIRELESS DISPLAY

Bluetooth® equipped
Full function user interface
Remote calibration and set-up
Rechargeable battery



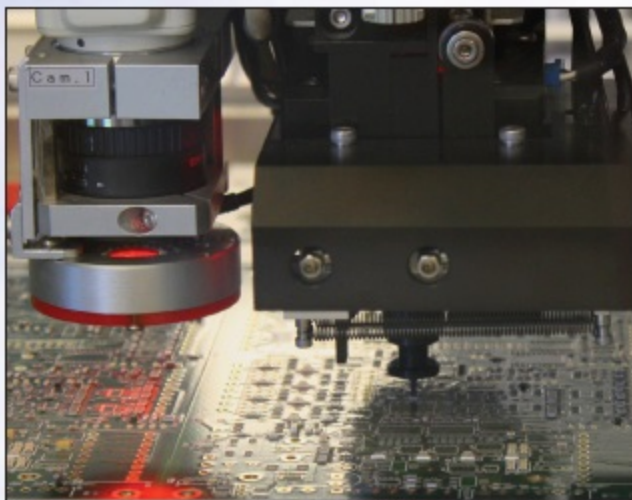
Genetix® is a registered trademark of MERRICK Industries, Inc. All other trademarks are the property of their respective owners.

MERRICK is unique in that we develop, produce and support our products within our company. For Genetix®, this even includes producing the intricate boards for the surface mount circuitry as well as mounting and the layout of other mechanical components.

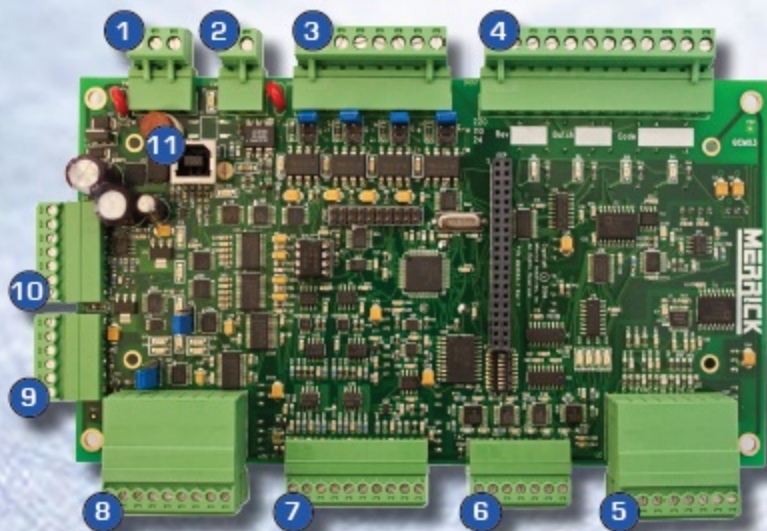
In addition, the software for the controller was developed by MERRICK engineers and programmed specifically for each weighing or feeding application. Our programmers rely on our more than 100 years of experience as a manufacturer of dynamic weighing equipment to ensure the software integrates with Genetix® hardware to provide the most effective solution for our customers' needs.

The stringent procedures followed for producing Genetix® ensure a quality product with an incredibly low failure rate in the field. Genetix® is aged in a climate-controlled chamber for an extended period of time while performance statistics are being collected by a computer network.

What this means to our customers is that MERRICK can provide Genetix® with superior reliability, expert support and the ability to adapt and refine Genetix® to match the needs of our customers.



INSIDE THE GENETIX® CORE MODULE (GCM)



1. 24V DC POWER
2. REMOTE TOTALIZER OUTPUT
3. FOUR DIGITAL INPUTS
24V DC / 120 / 240V AC
4. FOUR FORM C DIGITAL OUTPUTS
5. TWO LOAD CELL INPUTS
6. TWO ENCODER INPUTS
7. ANALOG I/O
ONE IN / TWO OUT
8. TWO SERIAL PORTS
RS232 / 422 / 485
9. DNA KEY INTERFACE
10. EXPANSION
11. USB TYPE B CONNECTOR

FAMILY OF
MERRICK
COMPANIES

10 ARTHUR DRIVE LYNN HAVEN, FL 32444 USA
CALL WORLDWIDE +1 850.265.3611
EN ESPAÑOL +1 850.271.7834
WWW.MERRICK-INC.COM