

# **MPD** Control Systems Inc.

## **YOUR FEEDER EXPERT**

SCREW FEEDERS  
 VIBRATORY FEEDERS  
 BELT FEEDERS  
 LIQUID FEEDERS  
 CONVEYORS  
 VACUUM LOADERS  
 BULK BAG STATIONS

## **CONTROLS**

BATCHING  
 RATE CONTROL  
 PID GRAVIMETRIC  
 PLC SYSTEMS  
 PC BASED CONTROLS  
 LOAD CELLS

## **APPLICATIONS**

PLASTIC  
 FOOD  
 CHEMICAL  
 WASTE WATER PLANTS  
 PHARMACEUTICAL  
 CONSTRUCTION  
 CERAMIC  
 COSMETIC  
 PACKAGING

## **GRAVIMETRIC SINGLE SCREW FEEDERS MPD-GSS**

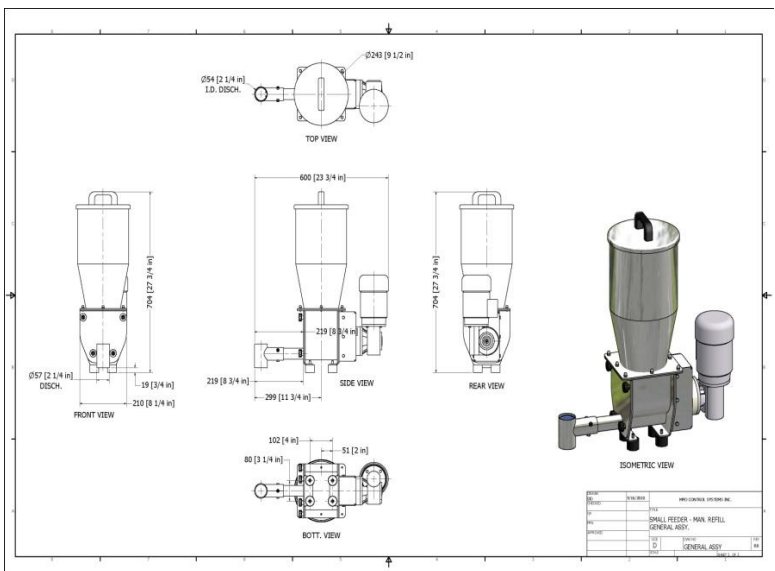


- The Gravimetric Single Screw Dosing Feeders are the newest family of feeder development by **MPD**
- The GSS Feeder It is a compact SS 304 2 B Finish build.
- The GSS is equipped with 2 separate gear motors. One motor is for the dosing screw and the other for the agitator.
- Quick Access for screw and or gearbox change over

This feeder was developed to fulfill market demands for a simple yet cost effective single screw feeder

The GSS is a Feeder that can easily change to a Loss In Weight Continuous feeding system complete with Automatic Refill.

The GSS is suitable for a wide variety of powders ranging from spices and food powders and chemicals.



# ***MPD*** Control Systems Inc.

## **TECHNICAL SUPPORT**

CALL OUR SERVICE CENTER  
24/7/365 FOR YOUR FEEDER  
ASSISTANCE  
+1-416-230-2934

## **ZERO DOWNTIME**

OUR FEEDERS ARE BUILT TO  
WORK!  
NO PROPRIETARY  
COMPONENTS!  
OEM STANDARD PARTS!  
OVERNIGHT PARTS DELIVERY

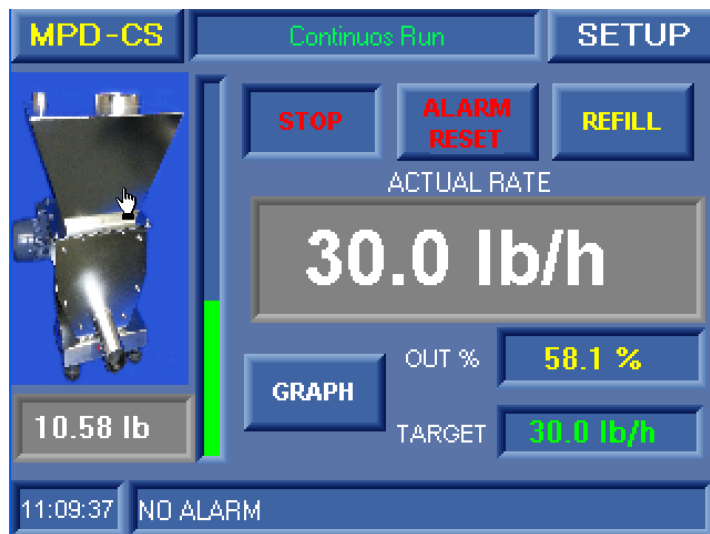
## **TURNKEY SOLUTIONS**

WE OFFER COMPLETE  
SOLUTION FOR YOUR  
APPLICATION NEEDS;

1. DESIGN 3D
2. CUSTOM FEEDER S
3. PLC PROGRAMING

For more information on any of  
our products or services please  
visit us on the Web at:  
[www.mpd-cs.com](http://www.mpd-cs.com)

### **MPD-GSS GRAVIMETRIC PLC CONTROL SYSTEM**



***MPD-CS*** Inc.

SERVICES AVAILABLE

- Feeder Design
- Technical Support
- Installation and Setup
- Feeder Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty

- **The MPD-GSS feeder comes in three sizes S, M, L and can achieve rates from 0.5 Lbs/Hr up to 15,000 Lbs/Hr.**
- **NEMA 12 or NEMA 4X SS enclosure available Complete with Power Disconnect**
- **LCD Touch screen instrument type MPD-PLC for LIW applications or the F805 A for batching applications.**
- **Selectable Modes of Operation as Local /Remote were the operator can enter the LIW Rate locally or Remote from a Remote DCS Plant System**
- **Feed rate Low and High Levels are selectable along with Refill levels and sequence.**



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