



DCS-SERIES

PORTABLE DRYING/CONVEYING SYSTEM
15 to 220 lbs./hr.

*High Performance Products For The Plastics Industry
Backed By A 2 Year Warranty*

Portable drying, conveying system designed for single processing applications. The DCS Drying/Conveying System utilizes the unique MD Series Micro Dryers and a close conveying system to supply dried material to the process machine.

For larger applications, the DCS System the MPC Series twin tower dehumidifier. A 1/8 cu. ft. or 1/3 cu. ft. stainless steel receiver eliminates the need for opening hoppers and allows for quick, material changes. The integrated system includes indicated regenerative blower package. Loop conveying directly from the dryer to the machine throat. A VL Series Vacuum Loader is also included as standard to supply material to the drying hopper. Proportional loading can also be provided for as an option. All drying and conveying functions of both the closed loop system and the VL Loader are controlled through the advanced microprocessor control, the MCD-3000. The MCD-3000 employs a 40 character numeric LCD display and includes continuous monitoring of dew point with a sensor as standard. A material line purge cycle is supplied as part of the package for clean material applications and is also controlled by the MCD-3000.



DCS-25M



MCD-3000 Microprocessor Controller

Novatec DCS System

Fast Material Changovers/Maximized Productivity/Increased Profitability

FEATURES

1. VI-Vacuum Loader (VL-4 Proportional Loader optional) with loading functions controlled by MCD-3000, supplied as standard.
2. MCD-3000 Microprocessor Control—Controls functions of the DCS System including drying, closed loop conveying system, line purge and VL Loader.
3. Tubing package for VL Loader supplied as standard.
4. MD Dryer assembly.
5. DCS Stand with casters and push bar standard.
6. 1.5 hp Regenerative Blower for closed loop conveying of dried material to machine mount J.I.T. Loader.
7. Closed Loop conveying connection.
8. Standard Line Purge Device/Vacuum Box assembly. The Purge Device is controlled by

the MCD-3000 Microprocessor Controller.

9. Material level control cable with quick connect twist plug supplied pro-wired.
10. 1/8 cu. ft. Stainless Steel J.I.T. Machine Mount Vacuum Chamber (1/3 cu. ft. J.I.T. on DCS-100M to 220M) supplied as standard.
11. Quick disconnects for vacuum and material lines for easy removal and clean out.
12. Static wire PVC hose for material and vacuum connections.
13. Novatec Modular Drying Hopper with optional insulation, available in 15 lb. to 800 lb. depending upon DCS size and configuration.
14. 20 ft. Power Cable (customer supplied plug)
15. (Not shown) MPC Dryer Assembly also available for rates of 100 lbs/hr, 150 lbs/hr and 200 lbs/hr

CAPACITIES/MODELS

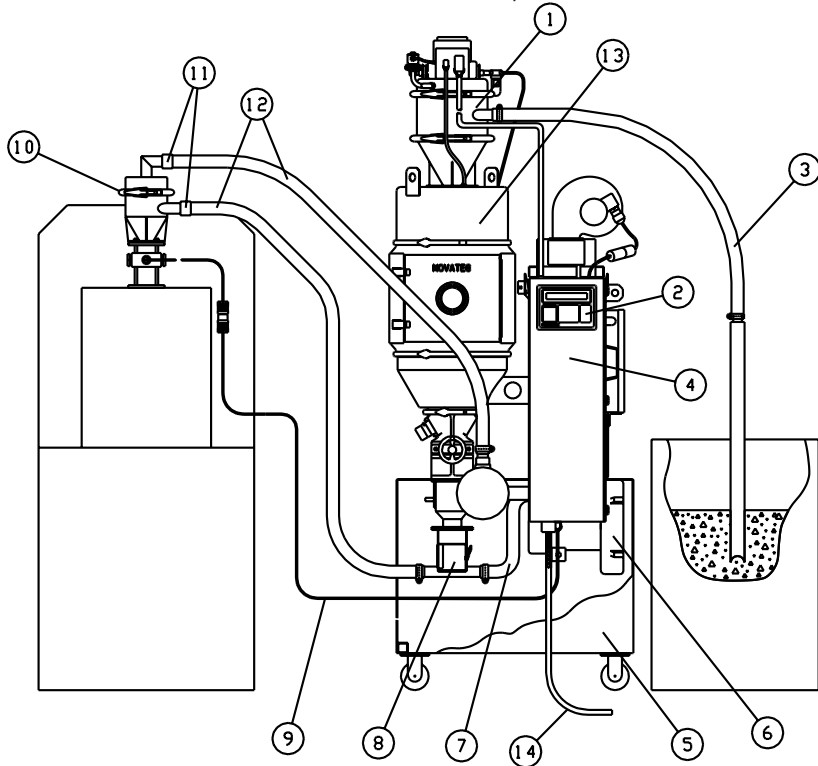
15 lbs/hr	DCS-15M
25 lbs/hr	DCS-25M
50 lbs/hr	DCS-50M
100 lbs/hr	DCS-100M
150 lbs/hr	DCS-150M
220 lbs/hr	DCS-220M

OPTIONS

- High Heat (to 4000°F)
- Special Material Application
- Cooling Coil
- Endress & Hauser Dew point
- Sensor range: -130°F to +50°F
- Hopper Insulation
- Elongated sight glass with material level control on Hopper
- Drawer Magnet
- Precision Slide Gate
- Special Paint

OPTION

- Elongated Sight Glass with Adjustable Level Control



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