



Advanced Resin Handling, Drying and
Downstream Extrusion Systems for
the Plastics Industry

Experience the Power of Touch



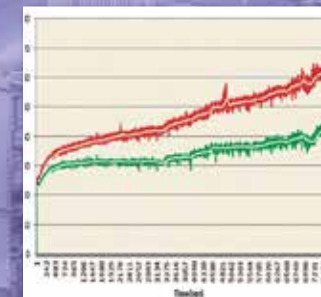
The Power of **Personal and Intuitive Touch**

Our people are plastics professionals who know and speak the process. We visit your plant, make recommendations, audit your equipment/power consumption and help you implement the best system for your application needs.

Most of our equipment features intuitive PLC touchscreen technology with simple graphical interface, on-board alarms, diagnostics and solutions... all through the "Power of Touch"!



Patent Pending
Machine Component
Wearables



Wireless Data Capture
and Cloud Based
Data Analytics



Actionable Desktop
and Mobile App for
Predictive Conditions



Prioritized Maintenance
Condition Reports for
Management

The Power of **Predictive and Prescriptive Maintenance**

Air, vacuum, water or electricity flow are critical to every plastic processor's operations. NOVATEC, using proprietary Prophecy Sensorlytics™ technology coordinates predictive maintenance with your production schedule to increase uptime and help you avoid run to failure situations.



Resin Handling & Conveying

Vacuum Pumps

Up to 25 hp



System Valves & Accessories



Vacuum Receivers

For Powder, Pellets & Regrind
Up to 114 lb Capacity



Self Contained Loaders

For Powder & Pellets Up
to 1,000 lbs/hr



Filters & Dust Collectors



Resin Handling & Conveying



Materials Selection & Identification

Quick Selection Material Manifold
w/ Optional "Proofing"

QSM

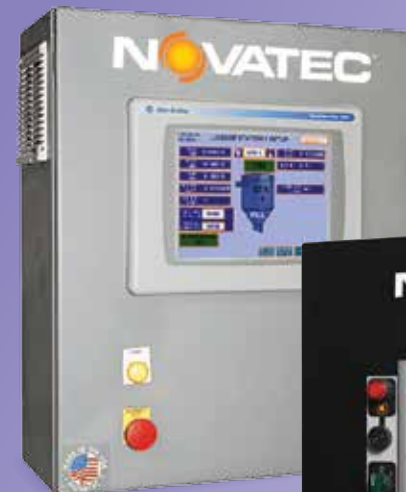
Railcar Unloading Systems

4" - 6" O.D. Line
Up to 50 HP



Silo Storage

Up to 15,000 cubic ft



For up to 96 receivers
and 16 pumps

MCS-600



For up to 34 receivers
and 3 pumps

FTS

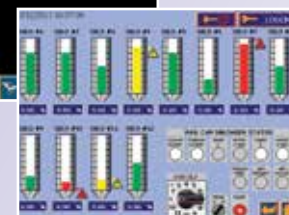


For up to 160 receivers
and 20 pumps

FX2



**FX2 Connects with up to 34
WSB blenders and 12 silos**



Central Conveying Controls

Surge Bins

Up to 450 cubic ft



Modular
Surge Bin
MSB



Gaylord
Sweeper System
SW



Tilt Tables
TT

Resin Drying Technology

Throughputs
Up to 5000 lbs/hr



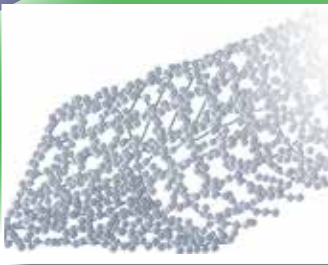
Desiccant Wheel Dryers
NovaWheel™



All NovaWheel™
Dryers Come Standard
with NovaTouch™
Color PLC's



The Desiccant Wheel is Built for Efficiency



100% Pure crystalline desiccant
is embedded in a woven
substrate.



The result is 100% pure
molecular sieve desiccant that
is permanently bonded onto the
substrate, delivering a uniform
-40°F dew point.



This desiccant impregnated
substrate is then formed into a
tightly woven wheel that contains
more pure desiccant than a twin
tower of 3 times its size.

Press Side Throughputs
Up to 200 lbs/hr



Patented Membrane Resin Dryer
Up to 225 lbs/hr
NovaDrier™



Compact Medical
Membrane Resin Dryer
Up to 5 lbs/hr
NDM Series



Dual Bed Desiccant Dryers
Up to 5,000 lbs/hr
NDB Series



Portable Drying & Conveying
Up to 300 lbs/hr
NovaWheel™ Series

Resin Drying Technology



Crystallizing



*Infrared PET Crystallizer/Dryer
Up to 4,000 lbs/hr
IRD*

*PET Crystallizer System
Up to 5,000 lbs/hr
CCR Series*



*Central Drying Hoppers
CDA Series*

Central Drying Solutions



*On-Board or Central
Drying Controls*



Gas Fired Heater



*Gas Fired Process Heater
180,000 - 1,350,000 btu/hr
GFH*



- Avoid Rejected Parts & Downtime
- Eliminate Off-line Moisture Checks
- Save Energy with Moisture Level Controlled Drying

MoistureMaster™
Precision Online Moisture Analyzer

Gravimetric Blenders & Feeders

Gravimetric Blenders

Up to 12,000 lbs/hr (5,500 kg/hr)
MaxiBatch™ Blenders
Series 2400 and 3000

Up to 5,000 lbs/hr (2,270 kg/hr)
Series 1800

Up to 1,450 lbs/hr (650 kg/hr)
Series 400

Up to 900 lbs/hr (400 kg/hr)
Series 200

Up to 450 lbs/hr (200 kg/hr)
Series 100

Up to 140 lbs/hr (64 kg/hr)
Micro Blender

350 lbs/hr (160 kg/hr)
Micro Plus Blender

Now Up to 4,000 lbs/hr (1,800 kg/hr)
Series 900

High Capacity Blender

Up to 12,000 lbs/hr (5,500 kg/hr)
MAXIBATCH™

Accessories

Hopper Extension
Increased Hopper Capacity

Vacuum Take-Off with Stand
Up to 3 cubic ft
VTA

Feeders

Regrind Feeder
1.8 - 1,000 lbs/hr (.8 - 450 kg/hr)
MRF

Gravimetric Feeder
Up to 120 lbs/hr (18 kg/hr)
MGF

Color Feeder
.05 - 600 lbs/hr (.025 - 270 kg/hr)
MCF

Downstream Tubing/Profile Equipment



Self-Sealing Poly Tank
Sections Bolt Together to Expand
The Tank Size as Needed



Total Systems Responsibility

Complete Design, Installation and Start-up Available

Whether you need a central resin handling system, central drying or a downstream extrusion system, NOVATEC has professional plastics engineers with in-plant experience to evaluate and determine your factory-wide system and help you plan for the future.

There are no cookie cutter approaches from our salespeople. Instead, we focus on the personal touch of peer level plastics engineers to help you design, integrate and install the best system possible for your plant.



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