

# GLYCE<sup>TM</sup>R<sub>X</sub>

## The Next Generation in BioDiesel Dry Wash Technology

### Introduction

GlyceRx™ is a chemically inert adsorptive media, designed for ease of use and landfill disposal.

This product is engineered for optimal purification efficiency, attracting water soluble compounds, glycerin, soaps, glycerides and solids. The media will also adsorb excess methanol from the matrix although we recommend removal of the methanol PRIOR to the GlyceRx™ process. This ensures the longest bed life possible for the media.

### Fast Facts:

- GlyceRx™ was designed specifically to meet the ASTM and EN specifications
- Ease of Use – GlyceRx™ is easy in – easy out. No more filter press, dusty loading or messy resins to handle while eliminating the inconsistencies of cellulose and other organic processes.
- Feedstock Flexibility – Tests have shown GlyceRx™ works equally well within a full range of biodiesel feedstock, from soy through yellow grease.
- Low Cost Solution – GlyceRx™ has been designed to keep treatment costs low. For typical applications, treatment cost estimates are between \$0.03 and \$0.04 per gallon of biodiesel processed.



GlyceRx™ Media



GlyceRx™ Vessel

### The GlyceRx™ System

In existing systems, GlyceRx™ media can be housed in equipment once used for dry wash including resin towers, other dry wash media tanks and activated carbon vessels.

For new GlyceRx™ systems we offer a range of filter housings, including both single and dual vessel systems ranging in size from 1.5 GPM, up to 50 GPM. Based on carbon steel, lined vessels, these ranges allow the user to select the most economical solution for their operation.

For large scale applications, we offer carbon steel vessels with biofuel compatible lining, elliptical man-ways of 18" x 14" located on top of tank for easy access and leg & fork channels.

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An ISO 9001:2008 Certified Company

**GlyceRx™ Cost Per Gallon Analysis:**

Part Number	Qty	Description	Gallons Treated	Cost/Gallon	
GLY-50-PB	1	50 lb plastic bag	4,500	0.05	
GLY-400-D	1	400 lb plastic drum	28,500	0.046	Direct Ship
GLY-50-PPB	20	50 lb plastic bag pallet	90,000	0.041	
GLY-2000-SS	1	2000 lb super sack	142,500	0.033	Direct Ship

**Carbon Steel Vessel Overview:**

Model	Max Flow (gpm)	Max Press (psig)	Max Temp (deg F)	Inlet/Outlet (in)	Dia/Height (in)	Standard Adsorbent Fill (lbs)	Contact Time @ Max Flow (min)	Shipping Weight (lbs)
GLY-200	1.5 - 3	50	130	3/4 NPT	12 / 80	200	5	300
GLY-1800	15 - 20	75	130	2/2 Flange	38 / 79.5	1830	10	1075
GLY-3200	20 - 35	75	130	3/3 Flange	46 / 93.5	3200	10	1860
GLY-4000	35 - 50	75	130	3/3 Flange	56 / 97	4000	10	3150

