



# **FLOMAX**

## **PRODUCT RANGE OVERVIEW**

Revolutionary Designed Product



Quality Engineered Systems



## FLOMAX CONNECTORS

Flomax provide a host of connectors that meet industry standards with their Standard Series and R-Series connectors that are fully compatible and interchangeable with other industry standard couplers. Both these ranges from Flomax are 100% metal being manufactured from aircraft grade anodised aluminium and stainless steel to withstand the harshest of conditions.

**FLOMAX**  
INTERNATIONAL

COLOUR CODED TO  
MATCH INDUSTRY  
STANDARDS

ERGONOMIC,  
COMPACT DESIGN

AVAILABLE WITH PLUGS/  
CAPS TO PREVENT DEBRIS  
INGRESS



## SPECTRIX FLUSH FACE SERIES

Flomax patented Spectrix range of Flush Face connectors ensure that cross contamination is eliminated throughout the life-cycle of the plant equipment. Each of its 12 colours are uniquely keyed so that incorrectly interchanging connections during a service is prevented, thus eliminating unscheduled maintenance.

- Flush face design prevents debris from entering the process line and is easy to wipe clean before use
- One black evacuation nozzle with inbuilt check valve works with every coloured receiver to simplify the waste fluid removal from machinery
- Machined to precision to ensure long life span without leaks



## GREASE COUPLER

Flomax has taken its tried and tested design of the Flush Face couplers and have now applied it to greasing applications. The Flush Face Grease Coupler is designed for bulk grease transfer applications to ensure that foreign particles do not enter the process line that often lead to down time of machinery.

- Durable Stainless Steel design to withstand the elements
- High performance, up to 5000psi operating pressures
- Compact design suitable for field use



## FUELLING SYSTEMS

Non-Pressure fuelling systems have been known to be notoriously complicated requiring many components and parts to work together systematically in a host of vehicles and machinery. The Flomax answer to this is to offer a simple Non-Pressure System that does not require a vast amount of components and still delivers the safe results required.

These systems are available for both internal and external setups and made from high quality materials such as aircraft grade aluminium and stainless steel to produce the best possible life span. Each component in these systems are rigorously tested at time of manufacture to ensure it works flawlessly, first time and every time afterwards.

- Simplistic modular design allows for limitless installation possibilities
- No more than 3 components required
- Fast filling capability (up to 1500LPM on external systems)
- Different size vents available to suit all types of installations and tank sizes

### INTERNAL SYSTEM KEY COMPONENTS



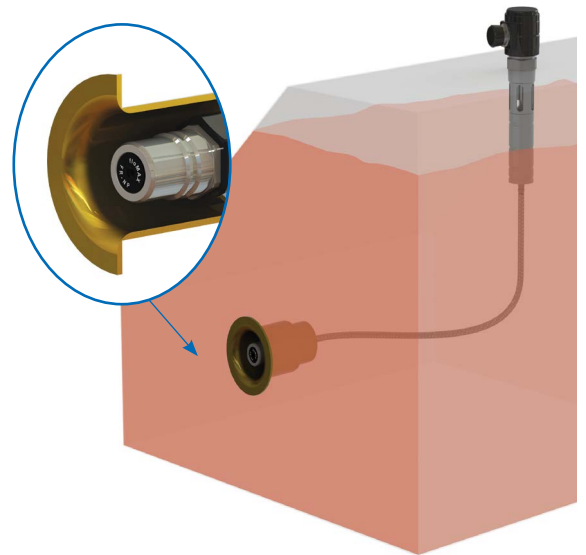
Diesel fuel receiver  
low pressure



Internal diesel  
fuel valve



Internal diesel  
fuel vent



### EXTERNAL SYSTEM KEY COMPONENTS



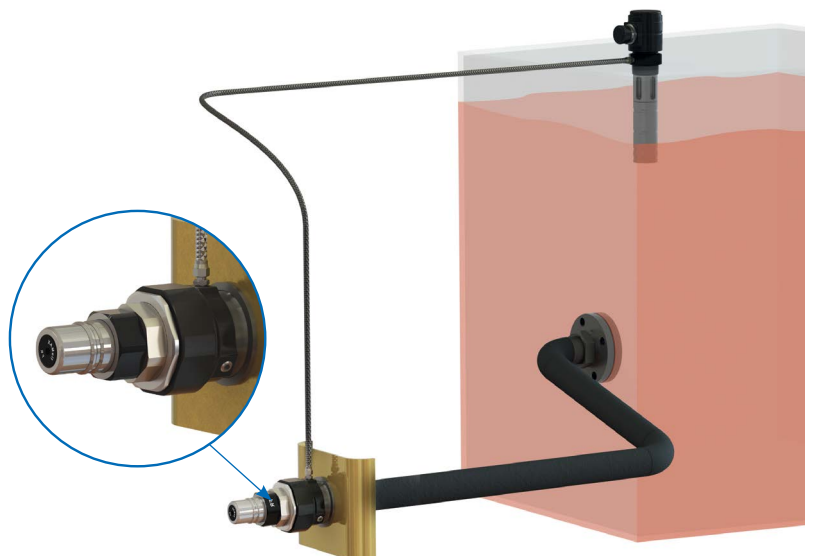
External non-pressure  
valve



Diesel fuel receiver  
low pressure



External diesel  
fuel vent



## FUEL NOZZLES

The Flomax fuel nozzle range is an all metal construction with nickel plated steel piston cylinder for greater wear resistance. The stainless steel nozzle is one of the strongest in the industry to survive harsh mining conditions. Nozzles can be purchased with or without a sealing plug and swivel and are available in 680LPM , 800LPM and 1500LPM models.

Nozzle features:

- Patented with a unique back pressure mechanical shut-off system
- A patented removable piston assembly which allows easy cylinder removal for rebuilding
- Tested thoroughly prior to shipment
- Uses lightweight components to improve ergonomics
- Adjustable shut-off pressures
- Compatible with industry standard receivers (680LPM and 800LPM models)



FN800 2" Fuel Nozzle  
w/ Ball Lock Nose Available  
with sealing plug or swivel



FN600BL 1 1/2" Fuel Nozzle  
w/ Ball Lock Nose  
Available with sealing plug or swivel



1 1/2" Fuel Nozzle  
w/ Dog Lock Nose  
Available with Sealing Plug or Swivel

## FUEL RECEIVERS

Fuel receivers by Flomax are designed and manufactured with one thing in mind, durability. Flomax patented receivers are built in such a manner that reduces fuel frothing thanks to its enclosed poppet stem assembly which holds the spring. By smoothing the fuel path, fuel flow is increased and back pressure is decreased.

Adding to this unique design, Flomax nozzles has the option of having a removable sleeve made from stainless steel which drastically reduces the maintenance costs after an exhaustive life of wear and tear.

- Patented design to increase durability
- Compatible with industry standard nozzles
- Optional removable sleeve
- Available as an Anti-Theft variant



Bulk Diesel Fuel Receiver  
with Anti-Theft Technology



Bulk Diesel Fuel Receiver  
with removable sleeve

## ACCESSORIES

Flomax offers a unique range of accessories for their expansive core products to improve the installation process, reduce installation/operating costs or ease the day to day operations of the equipment whilst being used in the field.

### FUEL SWIVELS

- All metal construction with stainless steel ball bearings
- Flow rate 37% greater than other industry standard swivels
- Available in various threaded bases including 1 1/2", 2" & 2.5 NPT



### BELL HOUSINGS

- For mounting receivers
- Mild steel construction with 2" pipe coupling
- Available in bolt-on or weld-on configurations



### BREAKAWAY VALVES

- Protect expensive re-fuelling equipment in the event of drive-away
- Nickel-plated steel & aluminium construction available in 2" & 3" sizes
- Shear studs break at a designated force, valve shuts to prevent spillage



### BREATHER FILTERS

- Reduces fuel contamination by filtering air entering the tank breather
- Filtration to 3 microns.
- Includes bracket for easy remote mounting



### GRAVITY FILL RECEIVERS

- Made from anodized aircraft grade aluminum
- 2 diameters, the standard 1 1/2" and the 1" for use in filling smaller opening fuel tanks
- Comes in either straight, with a 45 degree bend, or with a 90° bend



### SPLIT FLANGE ADAPTER

- Allows installation of Non-Pressure systems to plastic tanks
- Accepts 2" NPT threaded vent
- Split flange design for easy installation and no plastic welding required



Example of a Vent installed in Plastic Tank

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JSG FLOMAX CATALOGUE