



## UNMATCHED PERFORMANCE AND PROVEN RESULTS

# STEEL MANDREL PIGS



Girard's simple bolted construction allows for easy replacement of cups and discs.



The GBC is available with 2, 3 or 4 scraper cups.



The GCC is available with 2, 3 or 4 conical cups.

*Cup & Disc pigs are available with scraper cups, conical cups, discs or a combination of cups and discs.*

## CUP & DISC PIGS

Girard Steel Mandrel Pigs can be configured to meet your specific pipeline needs. Brushes, magnets, gauge plates and transmitter housings are also available.



The GBDX6 is a six disc bi-directional pig with 2 guide discs and 4 sealing discs providing exceptional performance.



Girard brushes are made of the highest quality spring steel enabling them to perform in most diameter variations.



The GWWC Brush Pig with double-knotted wire wheel brushes is the most aggressive cleaning pig available for sizes 4" to 16."



The ring brush circular design allows for full 360 degree contact along the pipe wall and is excellent for bi-directional applications.



Cantilever style brush assemblies allow for significant diameter changes while maintaining effective brushing action.

*All brush pigs are available with scraper cups, conical cups, discs or a combination of cups and discs.*

## BRUSH PIGS

The GBDX6-BR with leaf spring supported "Z" brushes is the most aggressive cleaning pig available for sizes 16" through 60."



# SOLID CAST POLYURETHANE PIGS



The Girard Turbo-Magnum™ is a one piece, all polyurethane pig available with either 3 or 4 cups. The hollow center allows for maximum flexibility while negotiating tight radius bends and other pipeline features.



The 4 cup Turbo-Magnum™ is available for 6" through 24" pipe.

The Turbo-Magnum™ is also available with wrap around brushes to help with removal of hard pipeline deposits.



Most sizes available in three durometers for special applications.

*Hollow center allows for easy installation of transmitters for pig tracking.*



Girard Turbo-Flex® is a one piece polyurethane constructed pig configured with both cups and discs. Available in 2" through 36."



The Turbo-Flex® 2 is configured with a front cup design for easier launching and smoother running through most pipeline features.



Most sizes available in three durometers for special applications.



The Turbo-Flex® is also available with wrap brushes for removal of hard deposits.

*Hollow center allows for easy installation of transmitters for pig tracking.*

## TURBO-FLEX® PIGS





# FOAM PIGS



Girard Polly-Pigs, constructed of open cell polyurethane foam, are available in light, medium and heavy densities. They are designed to negotiate pipeline configurations that other pigs cannot, such as "tees," elbows and multiple diameter changes.



The Yellow Bare Swab is designed for line proving and drying.

The Double Dish Polly-Pig is designed for bi-directional use.



Wire Brushes are available on both medium and heavy density Polly-Pigs for removal of hard deposits and scale.

*Ropes, Cables, Extended Lengths, Magnets and Transmitter Cavities are also available.*

## POLLY PIGS



These foam pigs are designed to handle special pipeline applications such as hard scale and mill scale removal, cleaning plastic and internally coated pipelines, pig tracking, etc.



Transmitter cavities for pig tracking are available for most Polly-Pigs.

The Foam Disc Pig multi-disc design has more points of contact with the pipe wall resulting in an exceptional seal and making it highly effective at removing liquids.



The Maxi-Brush heavy density all wire foam pig is excellent for removing rust and scale.



The PlaSteel® pig has aggressive non-metallic brushes for use in plastic pipe and internally coated pipelines.

*Ropes, Cables, Extended Lengths, Magnets and Transmitter Cavities are also available.*

## SPECIAL APPLICATION PIGS





Girard Scraper Cups and Conical Cups range in size from 2" to 56". Both are available in most of these sizes.

Girard Polyurethane cups and discs are designed for maximum abrasion resistance, elongation, shear strength and chemical resistance. This assures peak performance under the largest variety of pipeline conditions.



Girard Replacement Cups and Discs are available with different center-hole and bolt circles to fit most pigs on the market.

Girard Guide Discs, Sealing Discs, Scraper Discs and Multi-Diameter Discs range in size from 2" to 56". Most discs are available in different durometers to meet specific application needs.

## CUPS & DISCS

Girard manufactures the most complete range of inflatable polyurethane spheres available today. With up to 5 different sizes per nominal pipe diameter, inflation is not required for most applications. Simply fill and run. This feature significantly increases the life and performance of Girard Spheres.

Solid Spheres available for 2" to 4". Inflatable Spheres available for 6" to 42".



Girard Spheres are manufactured in three durometer ranges for both pipeline and meter proving applications.

Sphere inflation pumps, filling tools and sizing rings are available.

## SPHERES

**To Learn More About Girard Pig Options, Please Contact:**

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