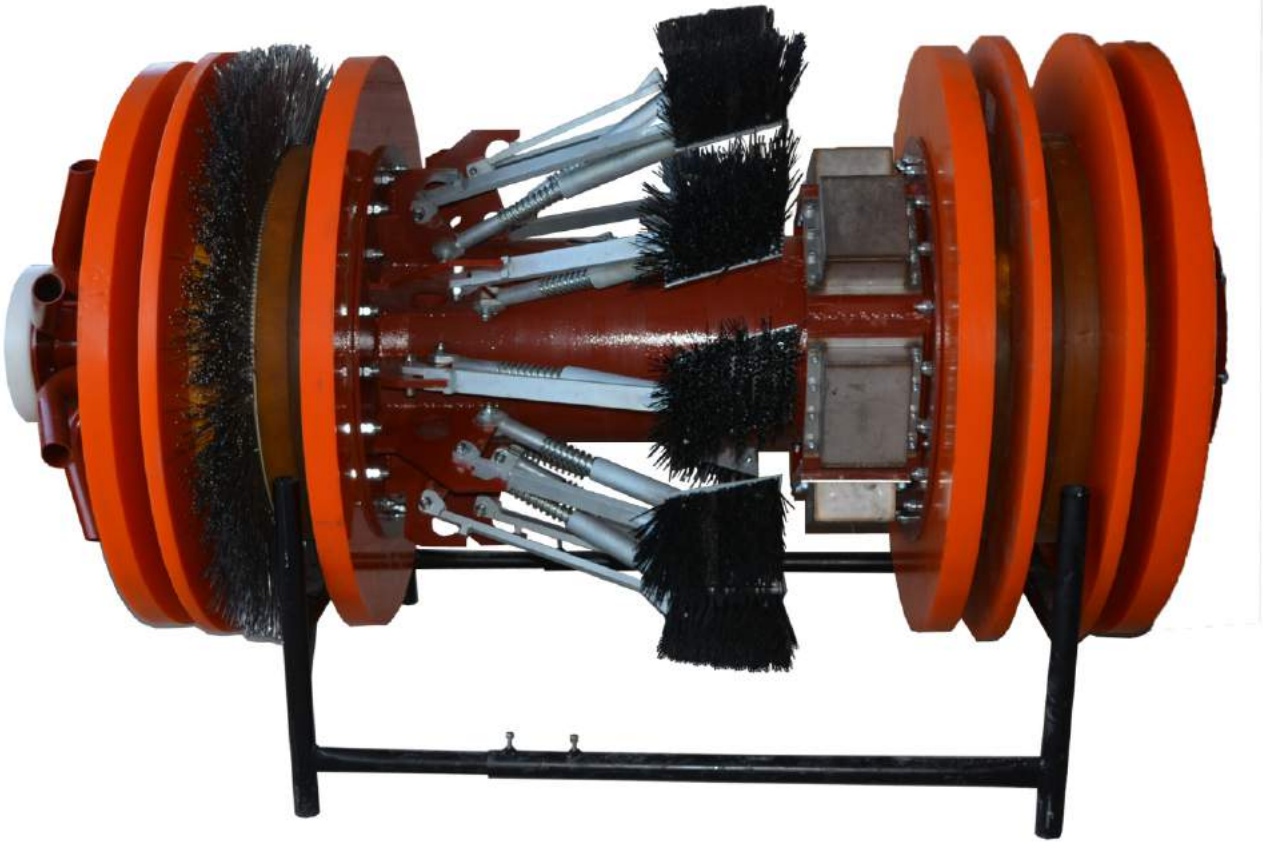


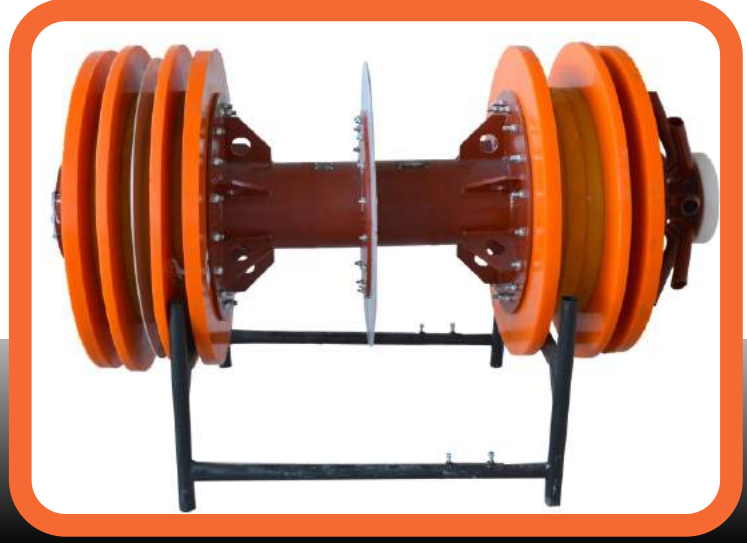
HIGH LEVEL INNOVATIVE PIPELINE CLEANING TOOLS





CLEANING PIGS

Cleaning Pigs are used for cleaning the internal wall of pipes to remove debris ,black powders,waxes, sands, sludges and welding electrodes from gas and oil pipelines.



PROFIL PIGS

Profile pigs (gauge/bend plate) are materials that are used and produced in order to determine whether or not dents, ovalities and turning diameters of pipelines are in accordance with the 5D standard.

ABOUT US

Enermak has been in pipeline field since 2000. We provide widely solutions

for the customers about pipelines as a distributor and manufacturer.

Enermak has ISO 9001, 14001, 18001 quality certificates . After the years of experience and shortcoming of the market, we proud to launch our innovative pig tools to world market.

Our pig systems provides the highest degree of durability for all kind of pipelines.

Thanks to innovative and flexible design it gives satisfying results for all type of applications.

AREAS OF USAGE

Our tools are generally use in heavy duty cleaning applications such as;

- Wax, sand, sludge, dust and black powder removal
- Metallic and ferous debris removal
- Maintanance and construction equipment removal
- Corrosion products removal

FEATURE OF OUR EQUIPMENTS

We are so flexible in manufacturing side and we can provide custumize products related to your needs:

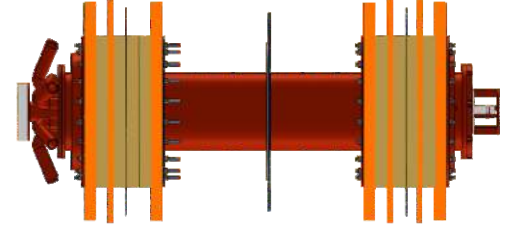
- cylinder ,bi-directional and multi bolt pig design
- highly wear resistant polyurethane materials
- carbon style body , designed for high pressures
- special cage for protect pigging transmitters
- hardness shore A more than 85
- widely ISO standarts (ISO 4649 / ISO 37 / ISO 34-1 METHOD B)
- widely and high quality brushes
- self-locking nuts and bolts

Technical Specifications

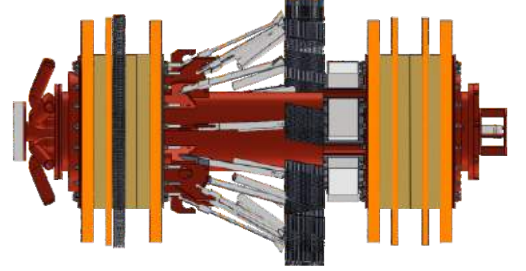
Product Type	Gas or Petroluem
Available Sizes	2" - 64"
Operating Speed	Up to 10m/s
Min / Max Pipeline Bend Radius	3D to 5D
Temprature Range	-40°C to +80°C
Operation Range	Up to 150 bar

Tool Options

- Standart and long-run tools
- Bend plate tools
- Gauge tools
- Brushing tools (spring type & customized types)
- High performance magnet tools
- Combinations of the whole tools



PROFILE PIGS



CLEANING PIGS

Accessories

Pig tool accesories can be changed depend on the pipeline type and condition.

We can provide widely custumized accesories :

- special cage for protect pigging transmitters
- spider nose for debris suspension and flow bypass
- high quality pig receiver and transmitter
- high quality pig tracking satellite system
- portable pig stations for tracking the system



Application Photos

