



ovolifts

In-service pipe lifts

EASIER SAFER FASTER



**Proven lifting solution for in-service
pipeline inspections and
maintenance, deferring asset
replacement and plant shutdowns**

We provide in-service access solutions for pipes, deferring asset replacement and costly maintenance programs

Extend the service life of your pipe infrastructure safely and cost-effectively

Plant operators face known and unknown risks concerning the integrity of their assets, especially at CUPS (Corrosion Under Pipe Supports). These supports are exposed to galvanic corrosion which reduces pipe wall thickness over time. This results in a safety risk to the environment and especially personnel.



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THE OVOLIFTS DIFFERENCE

ELIMINATE CRANES

Cranes are expensive, cumbersome to use and have a large operating footprint.

MULTIPLE / SINGLE LINES

Lift any number of lines on a pipe rack in a single lifting operation.

REMOTE LIFTING

Lifting is done remotely while personnel stand at a safe distance.

LIFTING FROM THE SUPPORT

No clearance is required beneath the pipe supports. This enables ground level lifts and lifting without an above rack, structure or crane.

STATIC STRUCTURES

A safety lockout mechanism restricts the motion of the OVOLIFTS in both directions.

IN-SERVICE EXPERIENCE

Proven safe to use on pipes that are in-service.



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Innovative and Cost-Effective Engineered Solution to a Complex Problem

APPLICATIONS



CUPS INSPECTIONS AND MAINTENANCE



OFFSHORE



SLURRY PIPE ROTATIONS



INSERTING SHOES ON NEW PIPE INSTALLATIONS

We work with your plant maintenance contractor to engineer a safe lifting solution. This provides clearance between the pipe and the entire top section of the pipe support, while the lines are still in-service. This gives free access and workability to conduct maintenance in a single step. A lift plan is provided to determine the number and positioning of lifting devices. A pipe stress analysis is conducted to determine the allowable bending profile for each pipe under live conditions. Our systems achieves lifting heights of up to 6" (project specific for greater heights), which is ideal to perform NDT, maintenance or improvements. Lifting is done remotely using hydraulic rams to avoid personnel exposure and risks. The lift is then vertically secured, declared a static structure (rather than a suspended load) and therefore safe to conduct work underneath.



MEGA-PIPE LIFTER (ref: OVO-20M)

- 20 Ton lifting capacity
- Lifts single or multiple pipes
- Any pipe diameter



MULTI-PIPE LIFTER (ref: OVO-10M)

- 10 Ton lifting capacity
- Lifts single or multiple pipes
- Any pipe diameter



UNI-PIPE LIFTER (ref: OVO-1S6)

- 1 Ton lifting capacity
- Single pipe lifts
- 10" pipes and less

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**WE ENGINEER TO THE SPECIFIC REGULATIONS
OF YOUR JURISDICTION AND PLANT ENVIRONMENT**

DELIVERS A COMPLETE SOLUTION

- Significant cost savings
- Timely access to corrosion at the supports
- Quantified information & maintenance
- Greatly reduces unexpected failures and production downtime

**WE ARE ADVOCATES FOR SAFE AND
COST-EFFECTIVE OPERATIONS ON IN-SERVICE PIPES**

BENEFITS TO PLANT OPERATORS

- Operational oversight
- Upfront engineering analysis
- Complete Lifting Study
- Pipe stress analysis and lift locations
- Safe lifting procedures
- Training for personnel
- Client safety & general safety procedures

BENEFITS TO CONTRACTORS

- Cost savings and unique service offerings to your clients

LARGE DIAMETER
PIPES



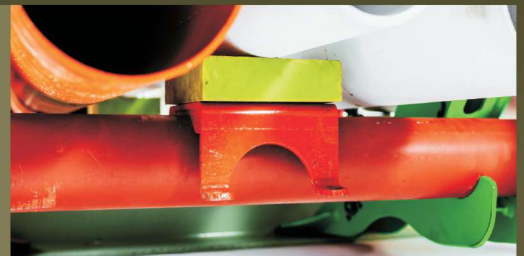
MULTIPLE PIPES



SINGLE PIPES



SHIM PIPES



BENEATH
OBSTACLES



GROUND-LEVEL
LIFTS



The OVOLIFTS unique and patented technology was developed in conjunction with the petro-chemical industry.

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