



# SELMERS

PIPE BLASTING AND COATING SYSTEMS  
PIPE HANDLING EQUIPMENT



## Field joint blasting & coating systems

[www.selmers.com](http://www.selmers.com)



Vacuum blaster on site

## The company

**Selmers is a leading manufacturer of plants and equipment for internal and external pipe cleaning, pipe coating and pipe handling. Established in 1966, the company has become a renowned supplier of comprehensive yet flexible pipe cleaning, coating and handling solutions with a high reliability and operational efficiency.**

Selmers represents a highly educated, compact team of engineers, perfectly skilled to provide innovative and reliable tailor-made solutions, dedicated to make projects a success for all who are involved.

With 50 years of experience in pipe coating equipment supply, Selmers is the leading solution provider in this industry and dedicated to make your project successful.

Selmers anticipates the challenges involved with working in remote locations at virtually any place in the world and emphasizes to have the necessary knowledge, experience, company strength and commitment to supply plant solutions, spares, after sales services, quality assurance and technology transfer packages that are crucial to the success in running a pipe coating venture in your country.

## Field Joint equipment

Field joints are coated to protect the pipe joint against corrosion, mechanical damage and/or heat loss.

Selmers manufactures blasting and coating devices for both onshore and offshore pipe laying. As per request field joint equipment is designed in accordance with customer's requirements to be implemented on specific projects.



J-lay wheel blaster

## Field Joint Blasting

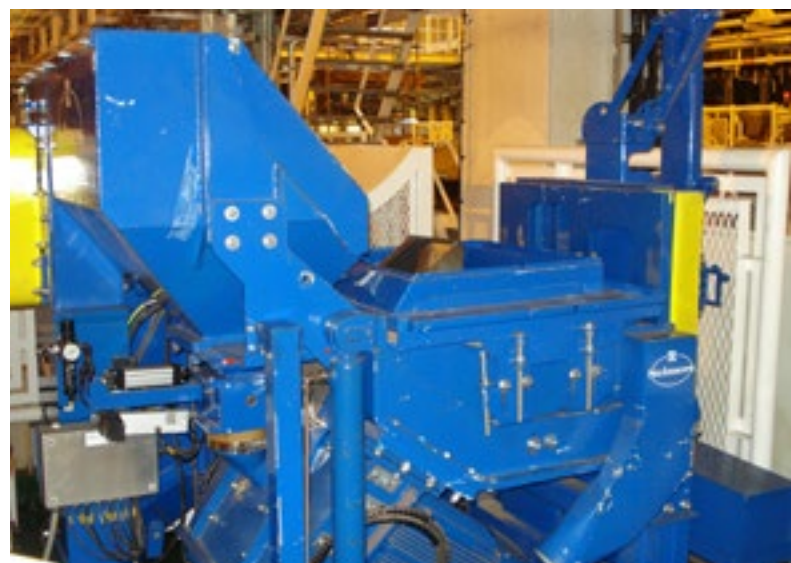
The field joint blasters are based on clam-shell or horseshoe type devices configured for vacuum blast or wheel blast, both with integrated grit recovery.

The blaster configurations can meet requirements for onshore projects, spoolbases, S-lay or J-lay vessels, vacuum blast or wheel blast technology, stand-alone or integrated.

Selmers field joint blasters are developed to improve cycle times and to produce identical blasted joints considering roughness and cleanliness. The devices Selmers offer are based on an automatic blast sequence, reliability and repeatability are on a high level.



Spoolbase vacuum blaster



S-lay wheel blaster

## Field Joint Coaters

Selmers manufacture a wide range of coating devices, which can be with a high level of automation to secure a high degree of repeatability of the coating joint.

The field joint coater configurations Selmers supplies are; single and dual layer FBE coaters, FBE/CMPP coaters, liquid coaters and combined heat & coat units. Semi automated cycles, constant quality, track & trace systems, low dust levels and a safe work environment are design features for Selmers' field joint equipment.

All this equipment can be configured for onshore projects, spoolbases, multi jointing facilities and for offshore S-lay or J-lay vessels.

## Other Field Joint Equipment

In addition to the field joint blasters and coaters, Selmers can supply Injection Mould Polypropylene (IMPP) systems, including accumulator and extruder to apply PP around the pipe joint. Other systems are IR-heaters for heating the cut-back insulation of the joint and PU foam infill to cast infill into the joint.

Integration of the field joint equipment, whether it is onshore or offshore, part of existing or new systems, is within our program.



Dual layer FBE coater

## Quality, Safety, Health & Environment

Due to the fact that all activities take place in house, Selmers is able to maintain a very high quality level. For all projects the internal QA/QC system is in place, which is in line with the quality assurance requirements. However, specific customer required QA procedures, such as Lloyds or DNV can also be accommodated.

The Quality Management system was initiated with the goal to maintain a high quality level of the equipment, though against as low as possible costs and with limited staff. Additional modules to our QM system, often used for offshore projects include procedures for material traceability, conditioned storage of welding materials, NDT checks and external reporting.

Special attention is given to equipment design in order to assure safe operation of the plant and machinery. The products are manufactured and assembled in modern workshops during which the quality is constantly monitored and documented. All direct purchase components are carefully selected to meet Selmers' quality level.

The combination of all the disciplines in the Selmers organization, together with the many years of experience gained in a very large number of completed projects all over the world, allows Selmers to handle a wide variety of projects with well proven, reliable and superior quality equipment.



J-lay FBE/CMPP coater



Spoolbase FBE/CMPP coater



Enclosed spoolbase FBE/CMPP coater



Testing of J-lay blasting and coating equipment at Selmers facility

## Control and instrumentation

The controls and instrumentation are an important part of the final equipment configuration. Selmers recognizes this and has an integrated electrical and software department, capable to design control systems to a highly advanced level. These control systems may include HMI panels, SCADA systems with data logging, UPS-systems, redundancy circuits and a comprehensive PLC program.

## Services

Through our after sales and support organization, Selmers provides a full range of engineering and operational services for both existing and new clients. The services can be provided on a contract or ad-hoc basis and include:

- Supply of spare parts
- Plant erection supervision & commissioning
- Technical assistance for maintenance
- Training of personnel
- Technical consultancy
- QC / QA programmes
- Project management
- Repair services

## Selmers equipment programme

Besides field joint blasting and coating equipment, Selmers also supplies plants and equipment suitable for:

- Internal and external abrasive blasting (mechanical or pneumatical)
- Multi-layer coatings based on powder fusion and side- or cross head die extrusion
- Single or double layer FBE coatings or other powder fusion coatings (PE-sinter, Nylon etc.)
- Internal and external epoxies (powder & liquid) and polyurethane coatings
- Concrete weight coating
- Cement lining
- Offshore pipe handling equipment
- Spoolbases and multi jointing equipment
- Pipeline rehabilitation
- Tape wrapping
- Rock shield cement wrapping
- Foam insulation of pipe
- Threading plant
- Rebar blasting and coating
- Coating of fittings, tees, valves and bends (custom coating)
- (modified) Bitumen enamel and coal-tar enamel coating



Induction heating equipment



Extruder for IMPP connected to accumulator



Spoolbase rollers



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PIPE HANDLING EQUIPMENT



External blasting



External coating



Internal blasting & lining



Concrete weight coating



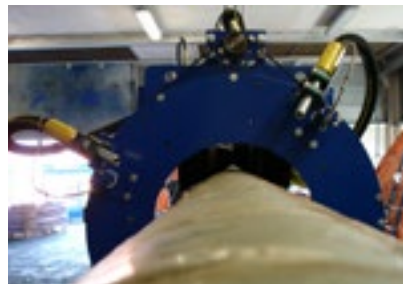
Spool base equipment



Offshore pipe handling



Pipeline rehabilitation



Field joint blast & coat



Installation services

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## SELMERS

Biesland 3 · 1948 RJ Beverwijk · The Netherlands  
telephone +31 251 211 999 · [www.selmers.com](http://www.selmers.com) · [sales@selmers.com](mailto:sales@selmers.com)