

# The surface as difference

Clean lines of good craftsmanship



Scan Bejds



Scan Bejds Steel A/S.

## Pickling, passivating and glasspeening of stainless steel

### Facilities and capacities at Scan Bejds Steel A/S:

- Pickle bath 1: 17 m long, 3 m wide and 2.5 m deep
- Pickle bath 2: 8 m long, 3 m wide and 2.5 m deep
- 1.000 m<sup>2</sup> pickling plant for spray pickling
- 5+5 t suspension cranes throughout the pickling plant
- 5.3 m high and 8.1 m wide plant mega door ®
- Forklifts: 3.5 t, 3.5 t with push out forks and a big 7 t

### All on-site tasks performed by: Scan Bejds Offshore A/S

- Indoor and outdoor pickling jobs, inside and outside surfaces
- Passivation, cleaning and decontamination
- Documented Health and Environmental Safety

### Clean lines of good craftsmanship...

- is the foundation of our company.

We stand by what we make. The right quality delivered at the right time - every time.

Our large capacity allows great flexibility, and we always deliver standard stainless steel AISI 304/316 from day to day. Passivation and glass-peening is often handled during a short wait.

### Cooperation meeting the customer demands

Our industrial customers are serviced several times a day as in-line production, with full tracking for LEAN.

Our own trucks daily collect greater volumes, heavy freights or delicate parts that need careful or special treatment.

### Bath pickling, for quality and environment

Bath pickling is the optimal surface treatment of stainless steel. This treatment always covers the entire surface, including the non visible areas - and the resulting protective chromiumoxide skin is completely uniform throughout the entire part.

Bath pickled subjects is afterwards pre-rinsed in our 8 m long, 3 m wide and 2.5 m deep rinsing bath.



On-site job – refinery.



Glassblown valve battery.



Glasspeening in cabin.



Our 17m pickling vascular.



Hangar door for large items.



Pickling of 12m item.

## Spray pickling is used for very large items or partial pickling

With spray pickling you can execute a very targeted and controlled pickling of nearly every subject size, all specific areas on the subject, special shapes and all stainless steel types.

If the items are transportable, we prefer to treat them in our big pickle plant. Alternatively we work on-site using our mobile equipment of foil covers, perimeter fences and warning signs.

## Passivation

Immediately after the pickling, the steel surface is - on a microscopic level - very open and receptive to dirt and corrosion provoking materials. Therefore the goods are always passivated following the pickling. On machine parts without darkened heating zones, for example, a passivation treatment is often enough to form a permanent protection against oxidation.

## Glass Blowing

With glass-peening most of the iron particles are removed from the steel surface, and it becomes very smooth and uniform as a result of this treatment which involves being blasted by microscopic glass beads.

If the glass blown parts are to be used in wet or aggressive environments, a subsequent light pickling is recommended to improve rust resistance.

## How we work

- All tasks are special to us and offers are made by agreement
- In case of regular deliveries we can often rationalize and make a very attractive offer
- All offers are made and all our deliveries are handled according to our sales-and-delivery terms
- Price rates on spools can be obtained
- The sales-and-delivery terms can be found on our website

[www.scanbejds.dk](http://www.scanbejds.dk)



Scanbejds also provide transportation.



## Sustainable business

When we plan our in-house production setup, or plan a new onsite task, **HES** - Health, Environment and Safety is always our top priority when selecting equipment, methods and procedures.

As a longstanding and active member of Green Network®, we seek to continuously reduce our environmentally damaging consumption. For instance we rinse and recycle all our waste water from the process.



Inddampningsanlæg.



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