



**PROCLAD**  
INDUCTION BENDING LTD

DANGER  
MOVING  
MACHINERY  
KEEP OUT

The top image shows a large, dark-colored industrial pipe being bent into a curve by a machine in a factory. The pipe is supported by rollers and various mechanical components. A warning sign is visible on the right side of the machine.



**AUTOMATED PIPE BENDING SOLUTIONS**





# INDUCTION BENDING SPECIALISTS



Proclad is one of the world's leading suppliers of induction bend solutions with a unique combination of capability and capacity which is only matched by the skills and experience of our team.

Our Intelli-Bend 2.0 Automatic Temperature Control (ATC) system now offers full automation of the pipe bending process, making us to be one of the few companies in the world to be able to guarantee 100% repeatability and quality control in every bend.

As part of the Proclad Group, we are accredited to supply our solutions to virtually every quality standard.

## BENDING CAPACITIES

- 2" to 42"
- Non-clad bends in sizes from 2"(50mm)
- Clad bends from 6" (150mm)
- Pipe thickness ranging from 0.25"(6mm) to 4" (100mm)

## MATERIAL CAPABILITIES

- any grade of carbon
- low alloy steels
- stainless steels
- duplex
- super duplex
- clad materials

## SECTORS SERVED

- Oil and Gas
- Power
- Renewable
- Chemical Processing
- Nuclear



5 induction bending machines capable of handling 2" to 42"







## PROCLAD INTELLIBEND 2.0 – QUALITY & REPEATABILITY GUARANTEED

The Proclad Intelli-Bend System 2.0 Automatic Temperature Control (ATC) system, enables the induction bending process to be fully automated as well as continually measures and records the critical manufacturing essential variables of Feed, Speed, Temperature (Intrados and Extrados), Air Pressure, Water Pressure and Power used.

This provides you with an unrivalled level of quality assurance that meets the most stringent of requirements and accreditations, but, most importantly, guarantees exact repeatability.

### LASER INSPECTION

As well as our internal material testing equipment for hardness inspections, we are able to offer unbeatable accuracy and absolute quality for even the most stringent quality standards and accreditations thanks to our full laser inspection process which produces an exact 3D measurement of the pipes and bends. The technology is able to dramatically improve the quality process by removing the risk of manual errors.

### SHOT BLASTING

With a large demand for the shot blasting of finished pipework, Proclad has invested in creating a dedicated shot blasting facility which can comfortably blast internal bores as small as 2" NB.

### HEAT TREATMENT

With continued investment in our world class heat treatment facility, we can take full control over the process, providing you with enhance benefits in terms of costs, lead times and quality control.

### MACHINING SOLUTIONS

Our dedicated in house machining facilities enable us to carry out any client specific machining work to supply bends with either plain ends, machined weld preparation ends or internally bored ends to achieve strict dimensional tolerances for fit up on site as specified by our client. However, we can also call upon the extensive machining capability and capacity of the full Proclad Group to deliver complex components. Check out the website for full details.



SEE OUR FULL RANGE OF SERVICES AT >



**SPECIALIST PIPEWORK SOLUTIONS**

# ONE ORDER : ONE SUPPLIER

As part of the global Proclad Group, we bring significant economies of scale and project management expertise, which enables us to offer clients cost effectiveness, total quality and most importantly, complete control of the delivery schedule.



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