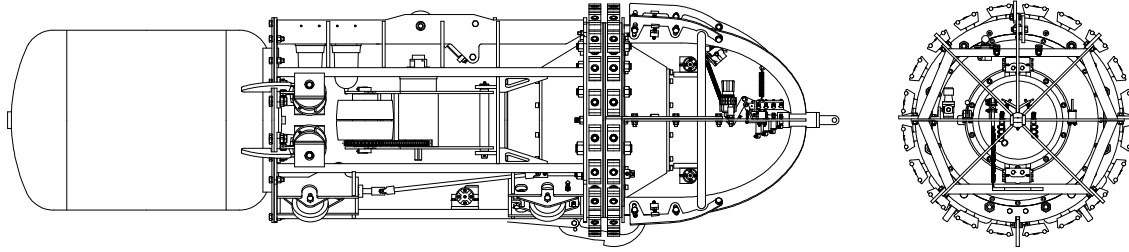


# NC4648 INTERNAL PNEUMATIC LINE-UP CLAMP (Self-Propelled Travel)



## FEATURES:

- The Proline NC4648 Internal Pneumatic Line-up Clamp assures a rapid, accurate alignment of two pipes prior to welding. It is designed using the latest in technology and materials to withstand the most extreme field conditions associated with pipeline construction.
- Large air cylinders power the expander sections of the clamp for superior clamping and alignment of the pipes.
- Expander sections operate independently to lock the clamp in position.
- Specially designed shoes on each expander section exert pressure uniformly around the inside circumference of the pipe to force it into roundness.
- Designed to traverse through tight bends.
- Easily adjustable for any wall thickness within specified range.
- Travels through the pipe to the next joint under its own power.
- Dual air motors for extreme grade in double-jointed pipes.
- Large capacity air tank for extended travel in double-jointed pipes.
- Positive heavy duty side drive travel for extreme grade capability.
- Side drag brakes for extreme grade.
- Comes with tubular reach rod for remote actuation of the air valves.

## SPECIFICATIONS:

- Pipe size range: 46 inch nominal (1168.4 mm) to 48 inch nominal (1219.2 mm)
- Pipe wall thickness range: 0.312-1.000 inch (7.9-25.4 mm) (for 46 inch pipe)  
0.312-2.000 inch (6.4-50.8 mm) (for 48 inch pipe)
- Length: 148 inches (3759 mm)
- Width: 48 inches (1219 mm)
- Height: 48 inches (1219 mm)
- Weight: 3750 pounds (1703 kg)
- Recommended working air pressure: 180-200 pounds/in." (12.4-13.8 bar)
- Air Receiver Capacity 450L
- Grade climbing capability: 25 degree