

COIL
RECEIVING



Coils are received by rail or truck.

Ranging in weights from 15 tons to 40 tons, coils are assigned an internal ID number and stored for an upcoming job. The operators will prep the coil for the machine once it is selected for a specific job.

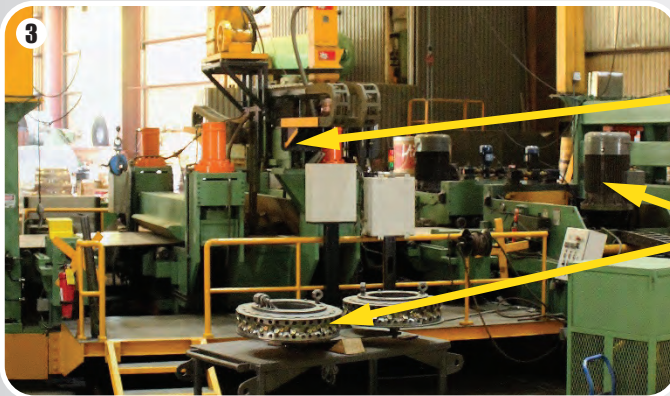
COIL
LOADING



Once the coil is inserted into the machine, it advances with the first set of drive rollers through the five roll flattening stage to prepare the coil for edge milling and forming.

The flattening system ensures there are no irregularities in the pipe after forming.

SKELP
STATION



The coils get joined at the skelp station by a submerged arc welding process that allows continuous length of pipe to be made.

After skelp station the edges are milled for consistent width and weld prep.

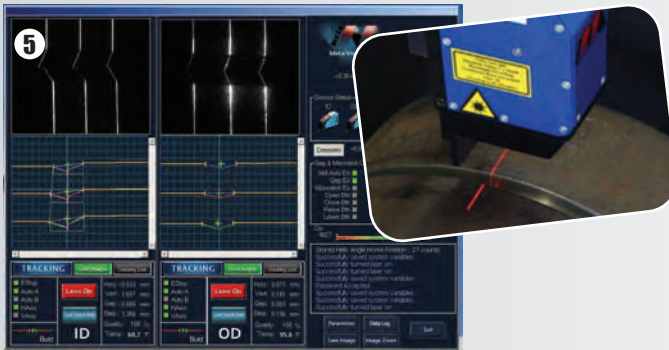
PIPE
FORMING



The forming station is a helical 3 roll bending theory with a 200 ton press used to form coils with a thicknesses of up to 1". This particular station can form coil into pipe up to 10' 7" diameters

The main drive is what primarily pushes/pulls the coil strip through every process on the mill.

WELDING
PROCESS



Weld groove center alignment is ensured by an automated laser tracking system.

This and proper weld current provide us 100% full penetration welds with a low profile of less than 1/16th of an inch.

QUALITY
ASSURANCE



We can apply ultrasonic testing to 100% of our welds with our inline ultrasonic testing machine. We can then mark any defects to inspect and repair after the pipe gets cut to length and moved off the mill.

Our ultrasonic testing machine uses 4 transducers to scope every facet of the weld ID and OD.

PAYOUT



We have 3 pipe repair stations where we complete welds due to machine stop/starts and also complete the skelp weld on the outside of the pipe and make any other repairs identified by UT and visual inspection.

Our mill and payout system is capable handling pipe lengths up to 150'.

SHIPPING



Trinity has a plethora of machines that enable us to ship and handle up to 127" diameter, 184' long and up to 100,000 pounds.

We provide our customers quality product on time so there is no delay on the jobsite.