

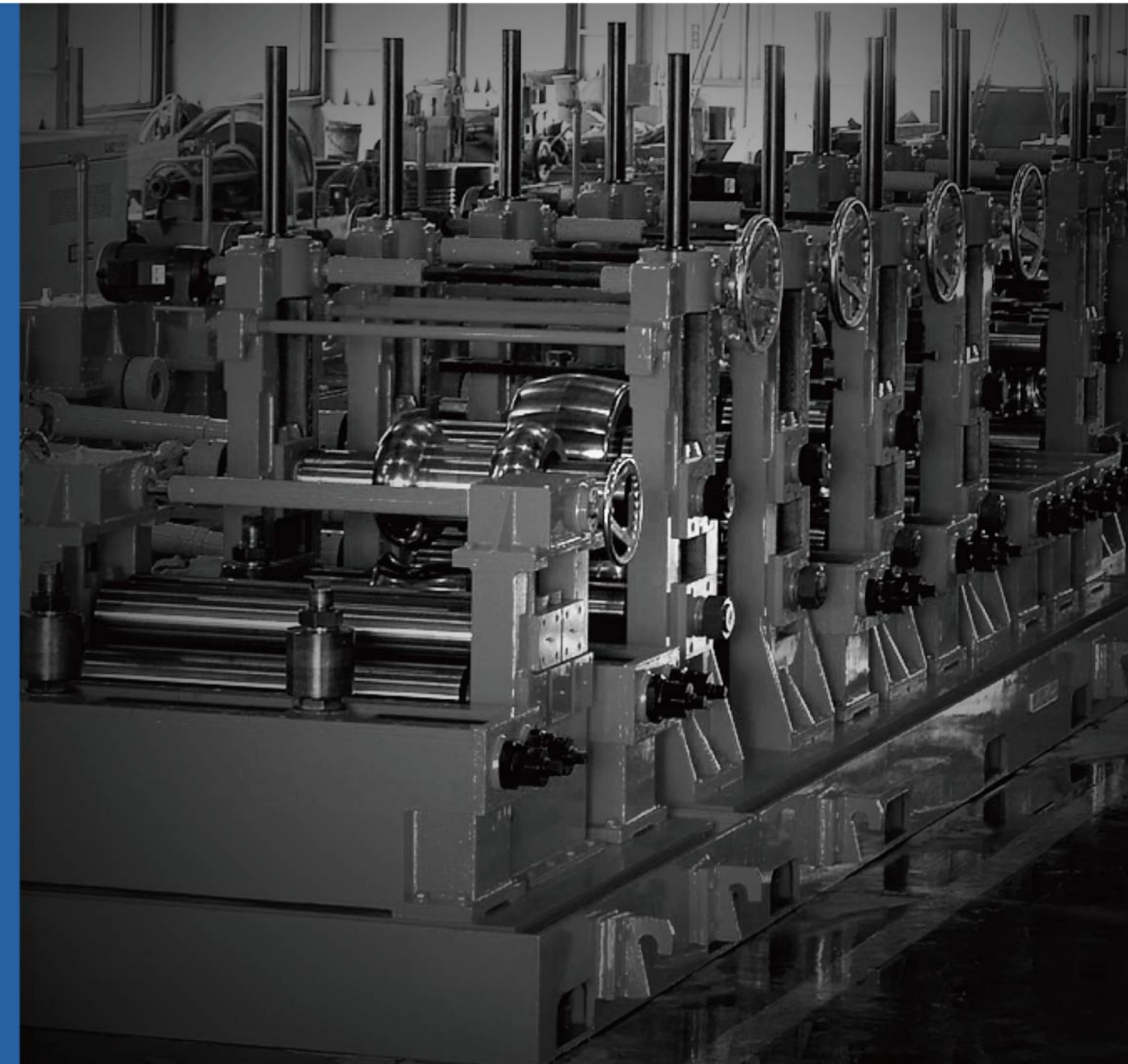
ERW Carbon Steel Pipe Mill

YU-NION accumulated 33 year's history and owns an experience of over 300 production lines worldwide. We cooperate with USA, Japan and Europe continuously and apply advanced and modern technology to develop and produce the state-of-art equipment.

We provide design and manufacture tailor made equipment to meet our customer's demands around the world. We can assist our customer to set up and develop new production lines, and raise their domestic and foreign market share. Your success is our success.

Specification List

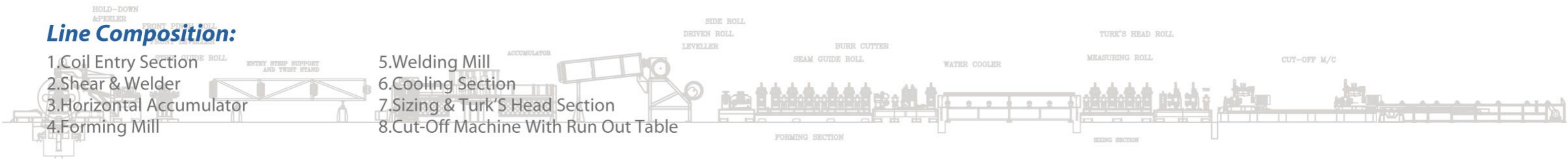
MODEL NO.	PIPE SIZE RANGE	LINE SPEED (APPROX)	OUTPUT OF H.F.WELDER
YPM-3/8	OD3/8"(Ø9.5mm)-1"(Ø25.4mm) NB1/8"(Ø10.5mm)-1/2"(Ø21.4mm)	MIN.50M/MIN MAX.100M/MIN	50KW
YPM-1.1/2	OD1/2"(Ø12.7mm)-1.1/2"(Ø38.1mm) NB1/2"(Ø21.3mm)-1.1/2"(Ø48.3mm)	MIN.50M/MIN MAX.100M/MIN	100KW
YPM-1.1/2 (HIGH SPEED)	OD1/2"(Ø12.7mm)-1.1/2"(Ø38.1mm) NB1/2"(Ø21.3mm)-1.1/2"(Ø48.3mm)	MIN.50M/MIN MAX.120M/MIN	150KW
YPM-1.1/2 HC (HIGH SPEED&CASSETTE TYPE)	OD1/2"(Ø12.7mm)-1.1/2"(Ø38.1mm) NB1/2"(Ø21.3mm)-1.1/2"(Ø48.3mm)	MIN.50M/MIN MAX.120M/MIN	150KW
YPM-2	OD1/2"(Ø12.7mm)-2"(Ø50.8mm) NB1/2"(Ø21.3mm)-2"(Ø60.3mm)	MIN.40M/MIN MAX.80M/MIN	150KW
YPM-2H (HIGH SPEED)	OD1/2"(Ø12.7mm)-2"(Ø50.8mm) NB1/2"(Ø21.3mm)-2"(Ø60.3mm)	MIN.70M/MIN MAX.120M/MIN	200KW
YPM-2HC (HIGH SPEED&CASSETTE TYPE)	OD1/2"(Ø12.7mm)-2"(Ø50.8mm) NB1/2"(Ø21.3mm)-2"(Ø60.3mm)	MIN.70M/MIN MAX.120M/MIN	200KW
YPM-3	OD7/8"(Ø22.2mm)-3"(Ø76.2mm) NB1/2"(Ø21.3mm)-3"(Ø88.9mm)	MIN.30M/MIN MAX.70M/MIN	200KW
YPM-3H (HIGH SPEED)	OD7/8"(Ø22.2mm)-3"(Ø76.2mm) NB1/2"(Ø21.3mm)-3"(Ø88.9mm)	MIN.70M/MIN MAX.120M/MIN	250KW
YPM-3HC (HIGH SPEED&CASSETTE TYPE)	OD7/8"(Ø22.2mm)-3"(Ø76.2mm) NB1/2"(Ø21.3mm)-3"(Ø88.9mm)	MIN.70M/MIN MAX.120M/MIN	250KW
YPM-4	OD2"(Ø50.8mm)-4"(Ø101.6mm) NB1.1/4"(Ø48.3mm)-4"(Ø114.3mm)	MIN.30M/MIN MAX.60M/MIN	250KW
YPM-4H (HIGH SPEED)	OD2"(Ø50.8mm)-4"(Ø101.6mm) NB1.1/4"(Ø48.3mm)-4"(Ø114.3mm)	MIN.40M/MIN MAX.80M/MIN	300KW
YPM-4HC (HIGH SPEED&CASSETTE TYPE)	OD2"(Ø50.8mm)-4"(Ø101.6mm) NB1.1/4"(Ø48.3mm)-4"(Ø114.3mm)	MIN.40M/MIN MAX.80M/MIN	300KW
YPM-6	NB2.1/2"(Ø76.0mm)-6"(Ø168.3mm)	20M-50M/MIN.	300KW
YPM-8	NB3"(Ø88.9mm)-8"(Ø219.1mm)	15M-45M/MIN.	350KW
YPM-12	NB4"(Ø114.3mm)-12"(Ø323.9mm)	8M-30M/MIN.	600KW
YPM-16	NB6"(Ø168.3mm)-16"(Ø406.4mm)	8M-25M/MIN.	700KW
YPM-20	NB8"(Ø219.1mm)-20"(Ø508.0mm)	8M-15M/MIN.	800KW
YPM-24	NB12"(Ø323.9mm)-24"(Ø609.6mm)	6M-15M/MIN.	1000KW



Line Composition:

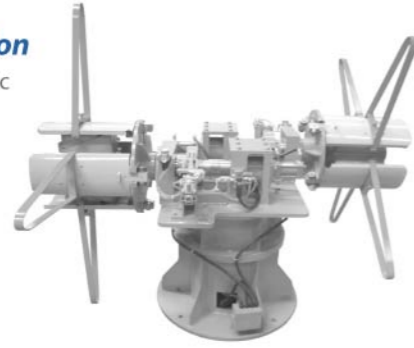
- 1.Coil Entry Section
- 2.Shear & Welder
- 3.Horizontal Accumulator
- 4.Forming Mill

- 5.Welding Mill
- 6.Cooling Section
- 7.Sizing & Turk'S Head Section
- 8.Cut-Off Machine With Run Out Table



Coil Entry Section

Uncoiler (By Hydraulic Brake Tensioner)



End Shear & Welder

For quick and high quality shearing and jointing of coil ends.



Steel Pipe Straightening Machine

To straighten the steel pipe after being produced by the pipe mill or after the pipe is annealed or hot dip galvanized. We can design and supply horizontal type & vertical type depending on our customer's demand.



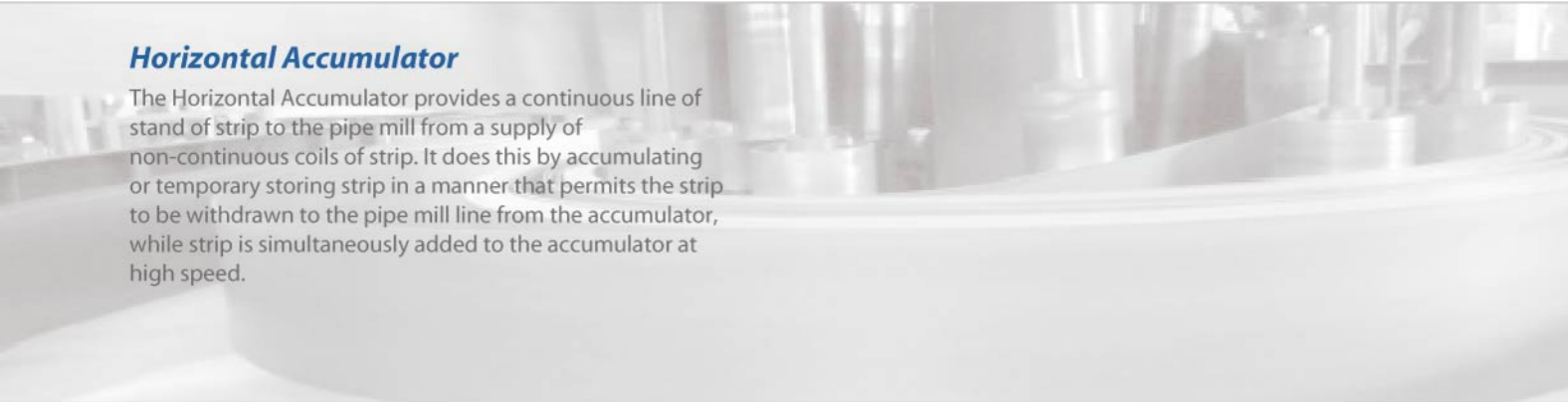
Steel Pipe End Facing Machine

For Facing and chamfering inside and outside pipe ends.



Horizontal Accumulator

The Horizontal Accumulator provides a continuous line of stand of strip to the pipe mill from a supply of non-continuous coils of strip. It does this by accumulating or temporary storing strip in a manner that permits the strip to be withdrawn to the pipe mill line from the accumulator, while strip is simultaneously added to the accumulator at high speed.



Steel Pipe Hydrostatic Testing Machine

Is designed for inspection weld seam of the pipes up to a maximum pressure of 210kg/cm² (3000 PSI) in accordance with ASTM, BS and API standard.



Bundling Machine

Professional pipe bundling Systems which provides outstanding reliability, nearly eliminating downtime, reducing maintenance costs, and increasing productivity.

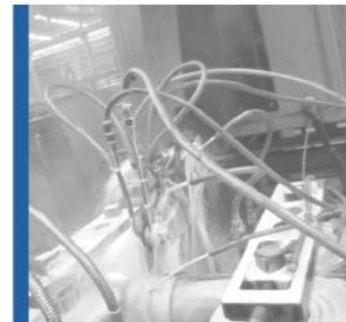


Forming & Sizing Mill

Various forming & sizing stands are manufactured of strong steel structure, with the best design of machine body and approved quality of forming rolls.



High Frequency Welder Welding Section



APPLICATION ERW CARBON Steel Tube Mill with PVC / PE Coating Online

This production line - ERW Carbon steel or Stainless steel pipe mill with PVC/ PE coating online extruder. This finished PVC/PE coated steel pipe is used for broomstick handle, curtain rod, ornamental pipe ...etc.



Turk'S Head Stand



Cut-Off Machine

As the continuous length of the pipe moves down the pipe mill, the flying cut-off cuts a designated length of the pipe without interrupting the continuous product flow of the pipe mill. The cut-off machine is equipped with DDS control system to ensure the cutting length is within the required tolerance.



During the coating process, the pipe passes trough an online extruder to coat the pipe surface with PE/PVC film.

Sample of PE/ PVC coated steel pipe
O.D. of tube: Ø9.5 MM ~Ø25 MM
Thickness of tube: 0.4 mm ~ 1.0 mm

