

Spiral Weld Pipe Mill

Spiral welded pipe is manufactured in three works of JFE, West Japan Works (Fukuyama) and East Japan Works (Chiba).

This flow diagram is an example of West Japan Works (Fukuyama). Hot coil produced on a powerful, precision-rolling hot strip mill is uncoiled, and its leading end is joined to the trailing end of preceding strip by tandem electrode submerged arc welder to form an endless strip.

The endless strip is continuously passed through a leveler, an edge trimming and beveling machine and then into a forming stand.

The forming case shapes the strip into a cylindrical shell with a spiral seam, which is welded by tandem SAW equipment first inside, and then outside.

The welded pipe is cut to the required length by a traveling cut-off machine with a plasma torch.

Features of this mill, include a planer type edge preparing machine and a traveling plasma cutter.

Location	Capacity (t./yr.)	Size Range*		
		OD	WT	Length
Fukuyama	80,000	23.6~100in. (600~2540mm)	0.236~1.188in. (6.00~30.2mm)	Max. 114ft 8in (35m)
Chiba	120,000	15.7~102.4in. (400~2600mm)	0.177~1.181in. (4.5~30mm)	20~131ft (6~40m)

*Please consult with us before placing an order.

Fukuyama Spiral Pipe

