

Abstract

STEEL SHEET PILE STRAIGHTER AND STRAIGHTENING METHOD AND
STEEL SHEET PILE PRODUCING METHOD

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A technique for correcting both deformation in a width direction and camber of a steel sheet pile at the same time is provided. Provided is a steel sheet pile straightener that straightens a steel sheet pile having joints at both ends in a width direction of the steel sheet pile, and has a roll-straightening unit having a plurality of upper rolls and a plurality of lower rolls in staggered arrangement, and a pair of vertical rolls disposed on a downstream side of the roll-straightening unit in a conveying direction of the steel sheet pile, with a separation distance between the pair of vertical rolls being set to be smaller than a total width of a product of the steel sheet pile. Also provided are a method that, by using the straightener having the roll-straightening unit and the vertical rolls, straightens a steel sheet pile by means of the roll-straightening unit and then presses the joints toward a center of the steel sheet pile in the width direction by means of the pair of vertical rolls, and a method of producing steel sheet pile that uses the method for a straightening step.

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FIG. 1