

What machines are needed for pigtail fabrication



AI Overview

Pigtail fabrication requires specialized forming machines, often CNC-controlled, equipped with forming jigs, loaders, and unloaders to shape wire or coil ends into precise pigtail configurations.

Coil Spring Pigtail Machines

For coil springs, pigtail ends are formed using automatic pigtail forming machines that work in conjunction with coiling machines. Key components include:

- Forming Jig: Shapes the end of the coil into a pigtail; must be changed according to the pigtail design and number of turns .
- Coil Spring Fixing Mechanism: Holds the spring in place during forming, allowing forward-rearward and lateral movement .
- Servo Motors and Gear Systems: Control the precise rotation and lead angle for accurate pigtail formation .
- Loaders and Unloaders: Automate the transfer of springs to and from the forming station, improving efficiency . These machines can handle various wire diameters and coil sizes, and are often installed near the coiling machine to streamline production .

CNC Spring Forming Machines

CNC spring machines are widely used for pigtail fabrication in industrial applications. Features include:...

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importance of a PIGTAIL ON A STEAM PRESSURE GAUGE

PIGTAIL ON A STEAM PRESSURE GAUGE The pigtail was invented to prevent the internal parts of steam pressure gauges,

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Cassette pigtailing machine for a coil spring

Conventional pigtailing machines typically include an A head which receives the previously pigtailed coil and a B head which forms

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Pigtails | Genstartech

Genstar Technologies Company Inc. is a global provider of high-quality pressure regulators, fittings, valves, welding apparatus, and

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Our coil spring manufacturing machines can produce various types of coil springs. These coil springs are used for automobiles, trains

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wiring pigtails

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WO2011065625A1

The present invention relates to an apparatus for manufacturing a pigtail for a coil spring, which is capable of very quickly and easily

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pigtail spring machine

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Fiber Optic Pigtail: The Complete Guide to Types,

Confused about fiber optic pigtails—which connector type, which polish, fusion or

Contact Us

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