



Combine Decoiler And Straightener Machine

KINGREAL can provide the combine decoiler and straightener machine, which can reduce the material loop between the uncoiling and leveling process. As a professional machinery manufacturer in China, KINGREAL is committed to providing customers with more design and innovative feeding machines.

Product Description



Description of combine decoiler and straightener machine:





The KINGREAL combine decoiler and straightener machine integrates uncoiling and leveling functions, which can reduce the material loop between the uncoiling and leveling process. The uncoiling speed is controlled by a photoelectric switch, and there is no damage to the surface of the material during operation.

Suitable for uncoiling and straightener of 1.0-6.0mm thick plate materials. The main shaft adopts hydraulic expansion system. The tension material has large tension force and good safety.

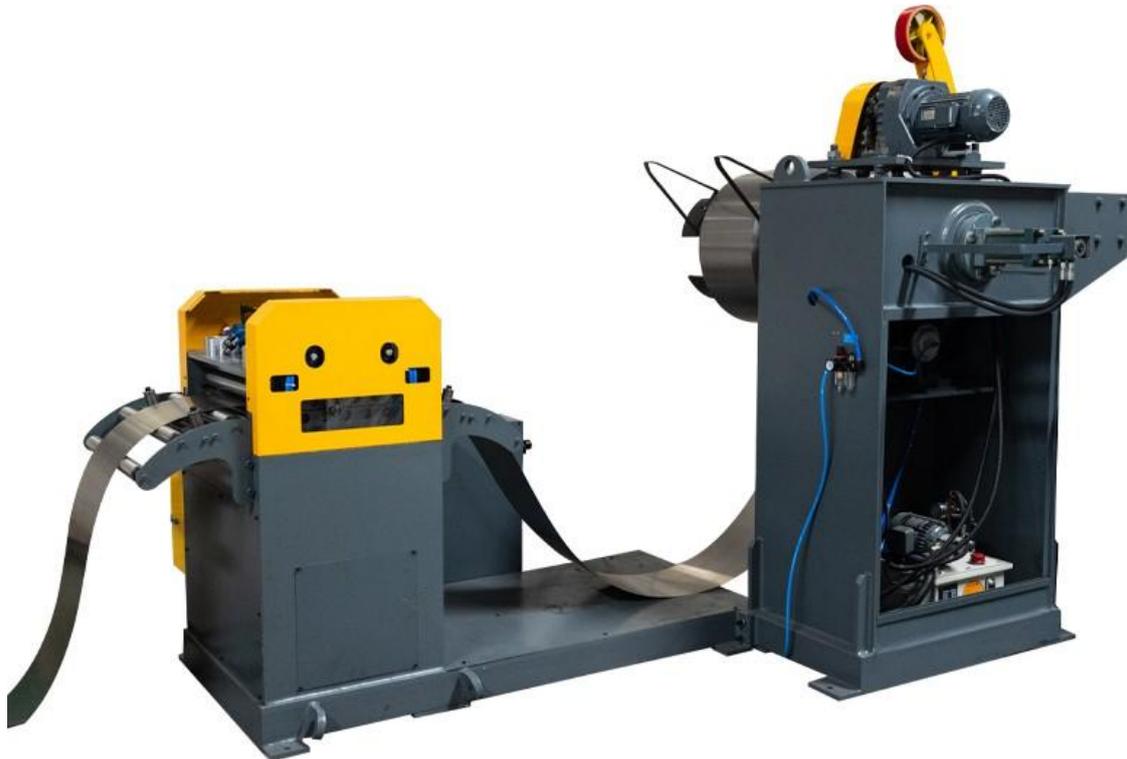


Unique advantages of decoiler and straightener machine:



Stamping users are very fond of the decoiler and straightener. The decoiler and straightener integrates the material rack and the straightener machine, which greatly saves floor space. The price is moderate and cost-effective.

It is equipped with a stamping production line. Commonly used equipment.



▶ Features of decoiler and leveling 2 in 1 machine: ◀

1. 7 leveling rollers (arranged on 4/3 of $\phi 85$), made of high-strength rolling bearing steel GCr15, after quenching and tempering treatment, frequency modulation quenching treatment, the surface hardness can reach HRC60~62° after hard chromium plating, and the dimensional accuracy can reach 0.01mm , To ensure high-precision leveling.
2. Feeding and loosening adopts pneumatic compression and loosening, which can generate enough pulling force to send the material to the leveling roller and rotate synchronously.



3. A folding device is installed at the front end of the leveling feed roller, and the movable roller is pulled by the air cylinder. When the material is fed for the first time, the material head is bent and flattened before being sent to the straightening machine.
4. The leveling drum adopts a larger power motor (5-16HP) with a worm gear reducer (30:1), which is transmitted to the leveling material of the leveler with a sprocket and chain, which can generate a larger leveling force, which is controlled by the inverter. The running speed of the motor is convenient and reliable.
5. The upper and lower leveling rollers adopt large-modulus gear synchronous transmission, and the leveling force is large, and the surface of the material is not rubbed, and the material is not scratched. The fine-tuning part adopts the worm-gear fine-tuning device. The adjustment accuracy is high, the pressure is large, and the operation is convenient.

▶ Technical parameter: ◀

Material thickness [mm]	1.0~6.0
Inner diameter of coil [mm]	460-530
Coil outer diameter [mm]	1500
Leveling roller [mm]	up 4 down 5
Adjustment method	Turbo worm
Leveling speed [m/min]	0~15
Material rack expansion method	Manual
Induction method	Induction rack type
Power supply voltage	AC380V

▶ FAQ: ◀

1. Are you a manufacturer?



Yes, we are a manufacturer. KINGREAL Machinery is a professional sheet metal processing machines manufacturer and supplier.

We offer full automatic and high speed solutions mainly including roll forming machines, metal ceiling tile machines, metal perforation line, coil slitting lines, etc.

KINGREAL had helped our clients to build their factories successfully all over the world, such as Russia, Middle East, South Asia, South America, etc.

We have a factory and our own technical team, feel free to visit us.

2. How to visit your company?

Our factory is located in Foshan city, Guangdong Province. So there are two ways to our city.

One is by flight, direct to Foshan or Guangzhou Airport. Another is by train, direct to Foshan or Guangzhou station.

We will pick you up at the station or airport.

3. How to install the machine?

How to Provide Installation Services During the COVID-19 Pandemic

Since the COVID-19 pandemic, travel has been greatly affected. In order to help our customers to solve machine installation problems, KINGREAL will provide both online and local installation services For FREE!

4. How to order?

