



HONGZHONG MACHINERY

Foshan Hongzhong Machinery Equipment Co., Ltd.

Product brochure

Slitting · Leveling & cut-to-length · Flying shear
Coil processing lines built in Foshan, China

English · Website catalogue

<https://hongzhong-machinery.com>

Company & factory

Foshan Hongzhong Machinery Equipment Co., Ltd. designs and builds slitting lines, leveling and cut-to-length lines and flying shears in Foshan, Guangdong, China. Each line is engineered around one customer's coil, built in our own factory and run before it ships.



- We build complete coil processing lines: decoilers, levelers, slitters, shears, tension stands, recoilers and stackers, wired and programmed as one system.
- Design, machining, assembly and the trial run all happen under one roof in Foshan.
- Our slitter heads follow a Taiwan design. Lines are configured for each order — from compact 850 mm lines for aluminum and copper to 1650 mm heavy-gauge leveling lines and thick plate slitting up to 16 mm.
- Every line is run in our factory before shipment. Video inspection is available.

Published catalogue range

Line types	11
Material thickness	0.2–16 mm
Coil weight	up to 25 t
Coil width	300–1650 mm
Sheet length	500–6000 mm

Slitting lines

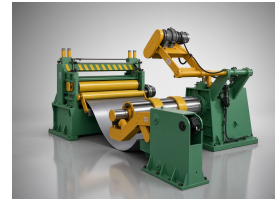
Master coil in, precise strips out. From 0.3 mm light-gauge stainless to 16 mm plate. Specs below are website catalogue references.

Precision double-slitter line

Model / series: HZ-FT-1600*2-SS-003

Turns master coils into precisely sized strips. Two slitter heads let one set of knives run while the next is set up.

Material thickness	0.3–2.5 mm
Coil weight	≤ 15 t
Coil inner diameter	508 / 610 mm
Coil outer diameter	1800 mm



High-precision light-gauge slitting line

Model / series: 1400 series

For thin stainless, cold-rolled and galvanized coil where strip width tolerance and clean edges matter. AC drive and a Taiwan-derived slitter design.

Material thickness	0.3–2.0 mm
Materials	Stainless, hot-rolled, cold-rolled, galvanized
Drive	AC drive
Slitter design	Taiwan design



Galvanized coil slitting line

Model / series: 1400 series

Slits galvanized and coated coil into strips, with a belt tension unit ahead of the recoiler to protect the surface.

Material thickness	0.3–2.0 mm
Coil width	1400 mm
Tension unit	Belt type



Heavy-duty slitting line

Model / series: 1600 series

A heavier frame and larger arbors for wide coil up to 15 t, running stainless, hot-rolled, cold-rolled and galvanized steel.

Coil width	1600 mm
Coil weight	≤ 15 t
Material thickness	0.3–2.0 mm
Materials	Stainless, hot-rolled, cold-rolled, galvanized



Thick plate slitting line

Model / series: Thick plate series

Slits plate coil from 3 to 16 mm, with a rigid knife stand and heavy pinch and straightening rolls ahead of it.

Material thickness	3–16 mm
Slitter	Heavy rigid knife stand
Video inspection	Available



HZ-850 single-slitter line

Model / series: HZ-850

A compact line for aluminum, copper and steel coil. Can be combined with a cut-to-length section.

Series	850
Materials	Aluminum, copper, steel
Slitter head	Single



Leveling and cut-to-length lines

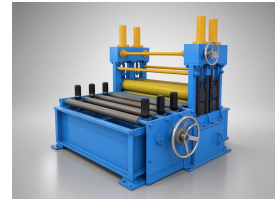
Level coil and cut it into flat sheets. Rotary shears and compact leveling cross-cutting machines. Working width, speed and capacity are confirmed in your technical proposal.

Rotary cut-to-length line

Model / series: HZP-1600*3-SS-010

Levels coil and cuts it into sheets with a rotary shear, then stacks them. Built around the 1600 series.

Series	1600
Sheet length	500–4000 mm
Voltage	Built to your supply
Video inspection	Available



Automatic leveling and cross-cutting machine

Model / series: 1400 series

A compact leveler and cross-cutting shear for thin coil, with a roller table that carries the sheets out.

Material thickness	0.2–2.0 mm
Coil width	1400 mm
Coil weight	8–20 t



Heavy-gauge leveling cut-to-length line

Model / series: 1650 series

Levels thicker coil with a precision leveler and cuts it into flat plates.

Material thickness	Up to 6 mm
Coil width	1650 mm
Leveler	Precision



Flying shear lines

Cut sheets on the move so the strip keeps running between cuts. For middle-gauge coil and long sheets up to 6000 mm. Published 1600 series values are catalogue references.

Flying shear cut-to-length line

Model / series: 1600 series

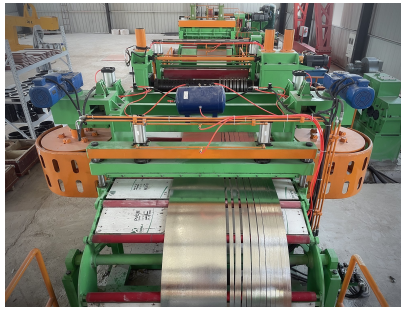
Cuts sheets on the move, so the strip keeps running between cuts. For middle-gauge coil and long sheets.

Coil width	300–1600 mm
Coil weight	8–25 t
Sheet length	500–6000 mm
Shear	Hydraulic or pneumatic
Control	Siemens / ABB



Inside a line

From decoiler to recoiler / shear and stacker. Main stations as published on the website.



- 01 Decoiler**
Holds the master coil and pays it off under control, with an expanding mandrel sized to your coil bore.
- 02 Pinch roll and leveler**
Threads the strip head and takes out coil set, so the strip enters the knives flat.
- 03 Slitter**
Rotary knives on two arbors cut the strip to width. On double-head machines the next knife set is prepared while the first one runs.
- 04 Scrap winder**
Winds the trimmed edges away from the line so the operator never handles loose scrap.
- 05 Looping pit**
Stores slack between slitter and recoiler, absorbing the small differences in strip length across the width.
- 06 Tension stand**
Puts back tension on every strip so coils wind tight. Belt-type units protect galvanized and coated surfaces.
- 07 Recoiler**
Winds the finished strips side by side, with separator discs keeping each coil straight-edged.
- 08 Shear and stacker**
On cut-to-length lines a rotary or flying shear cuts sheets to length and a stacker builds the bundle.
- 09 Electrical control**
PLC control with a touch-screen operator panel. Siemens or ABB components can be specified, and the line is wired for your local supply.

How to order — key points

Payment terms, delivery scope and lead time are agreed in writing on the PI and contract for each line.

01 Inquiry

Send material grade, thickness, coil width and weight, and the target finished size through the project brief form, WhatsApp or email.

02 Quotation and technical confirmation

We send a quotation covering configuration, specifications, price (EXW / FOB) and what is included. Technical points are confirmed in writing.

03 PI and deposit

A proforma invoice is issued. Production is scheduled after a 30% deposit by T/T is received.

04 Manufacturing

The line is built in our Foshan factory. Progress photos and video are shared with you.

05 Factory inspection

We run and inspect the line before shipment. You may join by video, visit the factory, or appoint SGS / BV for third-party inspection.

06 Balance and shipment

The line is packed for sea export and shipped FOB Shenzhen / Guangzhou (or EXW). A copy of the bill of lading is sent first; the 70% balance is paid by T/T.

07 Documents released

After the balance clears, the original bill of lading is mailed or released by telex release, with the commercial invoice, packing list, manuals and electrical drawings.

08 Installation and after-sales

Remote guidance for installation and commissioning, spare parts supply, and warranty as stated in the contract.

Bank details are stated on the formal proforma invoice (PI). Overseas bank charges are paid by the buyer. Currency: USD.

Sea-export packing. Terms may be EXW, FOB or CFR as agreed. Lead time is confirmed in writing on the PI.

Catalogue figures are reference values. Working width, speed and capacity are confirmed in the technical proposal for your project.

Contact

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Send material, thickness, coil width & weight, and the strip or sheet you need.