

COMPLETE CORPORATE, PROCESSING AND QUALITY BROCHURE

COMPANY DEVELOPMENT | MANUFACTURING NETWORK | PROCESSING CAPABILITY |
QUALITY CONTROL | EXPORT DELIVERY

CONTENTS

FROM GLOBAL TRADE TO INTEGRATED STAINLESS STEEL MANUFACTURING

One organization for material sourcing, inventory, processing, inspection, packing and export delivery.

Global Contents

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ONE MASTER INDEX FOR CORPORATE DEVELOPMENT, PROCESSING, QUALITY AND EXPORT DELIVERY.

From an Export Team to an Integrated Stainless Steel Supply Platform

More critical operations are now controlled within one accountable organization.

2014

FOUNDED

150+

TEAM MEMBERS IN 2025

3

MANUFACTURING CENTERS

35,000 m²

COMBINED MANUFACTURING
AREA

10,000 MT

READY STOCK

2

BONDED PROCESSING CENTERS



CHANGZHOU INTERNATIONAL BUSINESS CENTER

TRADE, INVENTORY, PROCESSING, QUALITY, PACKING AND EXPORT DELIVERY WORK AS ONE SYSTEM.

One Clear Development Path

Every stage added stronger control over quality, availability, processing and delivery.



FROM SELLING PRODUCTS TO MANAGING THE COMPLETE DELIVERY PROCESS.

2014-2017 | Foundation and Partnership

The first capability was built around customers, products and export execution.

01

2014 | Company Founded

GLOBAL TRADE FOUNDATION

Denny founded a stainless steel export company focused on international customer development, material sourcing, technical communication, order coordination and export delivery.

02

2017 | A Trusted Partnership

PARTNERSHIP AND ORGANIZATION

David, Denny's university roommate and long-term trusted partner, joined the company. Their complementary strengths created a stronger foundation for continued growth.

CONTENTS

THE FOUNDATION

Understand the customer first. Build the capability next.

This experience shaped Sheye's approach: begin with the customer's application and risk, then configure material, processing and delivery.

EXPORT EXPERIENCE BECAME THE STARTING POINT FOR INVENTORY, PROCESSING AND QUALITY CONTROL.

2020-2022 | Building an Inventory Service Network

Warehouse growth improved availability, order consolidation and delivery reliability.

2020**500 m²**

First Wuxi Warehouse

Emily, Mandy, Lily and Shirley joined successively, expanding the export team to eight people.

2021**1,000 + 800 m²**

Wuxi and Dainan Network

Wuxi expanded to 1,000 m² and an 800 m² stock and dispatch warehouse was established in Dainan.

2022**1,500 + 1,600
m²**

Inventory and Organization Expanded

Wuxi and Dainan continued to expand, while the company grew to more than 20 people.

INVENTORY SERVICE MOVED SHEYE FROM SOURCING PRODUCTS TO SUPPLYING THEM RELIABLY.

2023 | Transformation into Integrated Processing

The Wuxi center moved Sheye from inventory service into integrated manufacturing.



WUXI COIL AND SHEET PROCESSING CENTER



COIL, SHEET AND FINISHED-GOODS MANAGEMENT

10,000 m² Processing Center

IN-HOUSE PROCESSING

A coil and sheet processing center and domestic sales company were established in Wuxi, with cut-to-length, slitting and coil-grinding lines.

Quality System and Mill Partnership

SYSTEM AND RESOURCE CONTROL

Sheye achieved ISO 9001 quality management certification and became a first-tier TISCO distributor, strengthening coordination between material sourcing and processing quality.

MATERIAL, PROCESSING, INSPECTION, PACKING AND DELIVERY ENTERED ONE INTERNAL MANAGEMENT SYSTEM.

2024 | Expansion into Profiles and Sheet Metal

The Taizhou factory expanded Sheye beyond coil and sheet processing.



BAR AND PROFILE INVENTORY MANAGEMENT



IN-HOUSE HANDLING AND DISPATCH

Taizhou Profile and Sheet Metal Processing Factory | Approx. 10,000 m²

BROADER PRODUCT AND PROCESSING COVERAGE

The facility covers stainless steel profiles, bars, sheet metal and customized components. It enables Sheye to coordinate a broader product portfolio for project requirements and recurring supply programs.

THE PRODUCT RANGE EXPANDED WHILE MATERIAL, QUALITY, MARKING, PACKING AND EXPORT CONTROL REMAINED UNIFIED.

2025 | High-End Processing and a 150+ Person Team

Manufacturing capability and organizational depth advanced together.



LIYANG HIGH-END COIL AND SHEET CENTER



A SHEYE-BRANDED MANUFACTURING BASE

15,000 m² New Facility

ADVANCED PROCESSING CAPABILITY

Sheye invested in a second coil and sheet center with imported SUMIKURA equipment and leading Chinese brands including YAWEI and MAOHENG.

Team Expanded to 150+ People

ORGANIZATIONAL DEPTH

International and domestic sales, sourcing, production, quality, warehousing, packing and logistics developed into a more complete organization.

THE 2025 TEAM EVENT RECORDS SHEYE'S ORGANIZATIONAL SCALE AND COLLABORATIVE CAPABILITY.

2026 | Building a Bonded Global Supply Chain

Overseas material sources connect with Sheye's processing, quality and export experience.

01

Overseas Material Sourcing

Stainless steel coils from production bases including Indonesia and Vietnam.

02

Bonded Import

Materials enter Sheye's Wuxi or Liyang centers under bonded conditions.

03

Processing and Quality Control

Cut-to-length, slitting, surface processing, inspection and packing are configured to the order.

04

Direct Export

Finished products are exported directly through a more flexible international supply route.

CONTENTS

Bonded Processing | Wuxi and Liyang

Supports more material origins and processing routes for international customers.

Three Manufacturing Centers with Specialized Roles

Each site has a defined role within one order, quality and export-delivery system.



WUXI COIL AND SHEET PROCESSING CENTER | 10,000 M²

Wuxi Coil and Sheet Processing Center | 10,000 m²

Cut-to-length, slitting, coil grinding, stock and export programs.



TAIZHOU PROFILE AND SHEET METAL FACTORY | 10,000 M²

Taizhou Profile and Sheet Metal Factory | 10,000 m²

Profiles, bars, sheet metal and customized components.



LIYANG HIGH-END COIL AND SHEET CENTER | 15,000 M²

Liyang High-End Coil and Sheet Center | 15,000 m²

High-requirement end users, precision processing and international business.



APPROXIMATELY 35,000 M² OF COMBINED MANUFACTURING SPACE.

International Business Connected to Three Manufacturing Centers

Customer requirements move from commercial communication into technical review, production, quality and export delivery.



CHANGZHOU INTERNATIONAL BUSINESS CENTER

International & Domestic Sales

Customer, application, standard and delivery requirements.

Sourcing & Inventory

Material origin, ready stock and mill-resource coordination.

Production & Quality

Process routing, inspection, traceability and release.

Warehousing & Logistics

Packing, loading, documentation and export delivery.

ONE CUSTOMER INTERFACE CONNECTED TO A COMPLETE INTERNAL EXECUTION SYSTEM.

150+ People, One Coordinated System

The team-event photograph on this page was taken in 2025.



SHEYE TEAM EVENT, 2025

Organizational Depth Behind the Headcount

CROSS-FUNCTIONAL EXECUTION

Sheye's team covers international and domestic sales, sourcing, production, quality control, warehousing, packing and export logistics. Commercial teams understand the requirement, production converts it into a process, quality verifies the result, and logistics protects the delivery.

TEAM SIZE CREATES VALUE THROUGH STABLE PROCESS, CLEAR RESPONSIBILITY AND CONSISTENT EXECUTION.

Collaboration, Trust and Shared Goals

Team activities strengthen communication across factories, departments and roles.



SHARED RHYTHM



COORDINATED EXECUTION



ACTIVE PARTICIPATION



SHARED GOALS

TEAM CULTURE REACHES THE CUSTOMER ORDER THROUGH ACCURATE INFORMATION, FAST FEEDBACK, CLEAR HANDOVERS AND CONTINUOUS IMPROVEMENT.

Management Systems for Quality and Environmental Control

Certification is the foundation; daily process, records, audits and improvement create the value.



**QUALITY AND ENVIRONMENTAL MANAGEMENT
SYSTEM CERTIFICATES**



ISO 9001 QUALITY MANAGEMENT SYSTEM

ISO 9001:2015

QUALITY MANAGEMENT

The certified scope covers rolling, cutting processing and sales of stainless steel metal materials, with emphasis on process control, records, audits and improvement.

ISO 14001:2015

ENVIRONMENTAL MANAGEMENT

The environmental management system supports identification of environmental aspects, operational control and continuous improvement in resource use and site management.

**CERTIFICATE STATUS, SCOPE AND VALIDITY ARE SUBJECT TO THE LATEST VERIFIABLE
CERTIFICATION RECORDS.**

Mill Resources and Authorized Distribution

Reliable material sources are the foundation of processing quality and delivery stability.



Coordinating Material, Stock and Processing

MILL PARTNERSHIP AND SUPPLY ASSURANCE

Sheye combines mill resources, approximately 10,000 MT of ready stock and in-house processing to support regular orders, special sizes and project requirements. Product scope, territory and validity follow the latest issued authorization.

MILL PARTNERSHIP SUPPORTS TRACEABILITY, RESOURCE PLANNING AND DELIVERY MANAGEMENT.

Recognition from Industry, Partners and Local Development

Recognition reflects progress in sourcing, sales scale, industry participation and supply capability.



2026 CHINA STAINLESS STEEL QUALITY
PROCUREMENT BENCHMARK ENTERPRISE



VICE CHAIRMAN MEMBER, WUXI STAINLESS STEEL
INDUSTRY ASSOCIATION



2025 TOP 20 WHOLESALE AND RETAIL SALES
RECOGNITION



2024 TOP 20 WHOLESALE AND RETAIL SALES
RECOGNITION

RECOGNITION IS A MILESTONE. LONG-TERM, RELIABLE CUSTOMER DELIVERY REMAINS THE
REAL STANDARD.

WHAT OUR DEVELOPMENT MEANS FOR CUSTOMERS

Built to Create Customer Value

- 01 **More reliable material sourcing**
- 02 **More flexible stock and processing options**
- 03 **Clearer quality responsibility and traceability**
- 04 **More complete packing and export delivery**
- 05 **More global material and bonded supply routes**

From global trade to integrated manufacturing, Sheye will continue to build capability around customer quality, delivery and supply-chain risk.

CONTINUE TO PART II | PROCESSING, QUALITY AND EXPORT DELIVERY

MASTER CAPABILITY BROCHURE

Stainless Steel Processing

Quality Control and Export Delivery

PRECISION CUT-TO-LENGTH | PRECISION SLITTING | COIL GRINDING

SURFACE PROTECTION | EXPORT PACKAGING | IN-HOUSE CONTAINER LOADING

ENGINEERED PROCESSING. CONTROLLED QUALITY. EXPORT-READY DELIVERY.

Jiangsu Sheye Metal Co., Ltd. | SHEYE METAL

www.syemetal.com

One Processing System From Coil to Export Shipment

PRODUCTION, INSPECTION, PROTECTION, PACKING AND LOADING ARE PLANNED AS ONE DELIVERY ROUTE



APPROX. 10,000 MT READY STOCK | TISCO FIRST-TIER CORE DISTRIBUTOR

**0.2-4.0
mm**

COMBINED PROCESSING
THICKNESS WINDOW

**12-1,600
mm**

FINISHED SLIT-STRIP
WIDTH RANGE

**Up to
8,000 mm**

CUT-TO-LENGTH
CAPABILITY

**Up to 4.0
mm**

TECHNICALLY
REVIEWED COIL
GRINDING LIMIT

CONTENTS

Product forms

Cold-rolled sheets and coils, hot-rolled plates, slit strip, precision narrow strip and ground or polished coil.

Integrated controls

Material verification, equipment routing, first-piece checks, in-process inspection, traceability, surface protection, export packing and direct loading.

Core grades include 304, 304L, 316L and 430. Other grades and special conditions are reviewed by product form and specification.

One Order. One Controlled Route.

THE CORRECT MATERIAL, EQUIPMENT, CONTROLS AND EXPORT PROTECTION ARE SELECTED BEFORE PRODUCTION BEGINS



INTEGRATED ORDER ROUTE ACROSS MATERIAL, PROCESSING, INSPECTION AND SHIPMENT

01

Technical review

Grade, standard, size, tolerance, surface, end use and packing requirements.

02

Material and line selection

Stock or mill source, factory, equipment, tooling and protection plan.

03

Controlled processing

Pre-run verification, first-piece approval and repeated in-process checks.

04

Release and export

Final inspection, traceable marking, export packing, container loading and documents.

The customer has one accountable workflow even when several machines, shifts or operating units contribute to delivery.

SECTION 02

Precision Cut-to-Length

Two flying cut-to-length lines combine precision levelling, flexible scheduling and controlled surface protection.

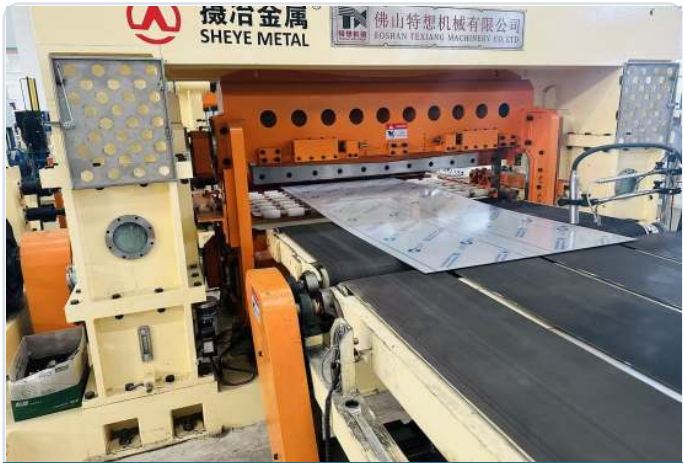
- 01 **Two lines with clearly separated production roles**
- 02 **Interchangeable levelling systems for different gauges and strength levels**
- 03 **Dual-side protection, dimensional inspection and pack-level traceability**

Two CTL Lines, Two Clearly Defined Roles

HIGH-REQUIREMENT WORK AND FLEXIBLE PRODUCTION ARE ROUTED TO THE EQUIPMENT BEST SUITED TO THE ORDER



IMPORTED SUMIKURA PRECISION FLYING CTL LINE



HIGH-EFFICIENCY FLEXIBLE DOMESTIC FLYING CTL LINE

Capability	SUMIKURA precision line	Flexible domestic line
Thickness	0.4-4.0 mm	0.3-3.0 mm
Incoming width	500-1,650 mm	300-1,600 mm
Cut length	500-8,000 mm	300-6,000 mm
Production role	Precision levelling and demanding appearance	Special sizes, flexible scheduling and capacity support

CONTENTS

High-precision orders can be reviewed for +/-0.5 mm cut length and +/-0.8 mm diagonal. Final guarantees depend on size, grade, strength and order-specific confirmation.

Match the Levelling System to the Material

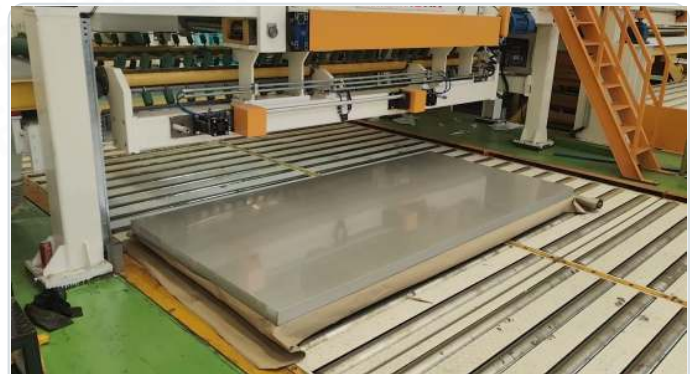
THE ROLL CASSETTE IS SELECTED BY THICKNESS, STRENGTH, INCOMING COIL SHAPE AND THE REQUIRED FLATNESS



INTERCHANGEABLE LEVELLING CASSETTE SYSTEM ON THE SUMIKURA LINE



HEAVY-DUTY UNCOILING AND STABLE STRIP ENTRY



PROTECTED AUTOMATIC STACKING WITH ALIGNED LAYERS

60 mm roll cassette

Finer correction for thinner material and appearance-critical sheets requiring sensitive shape control.

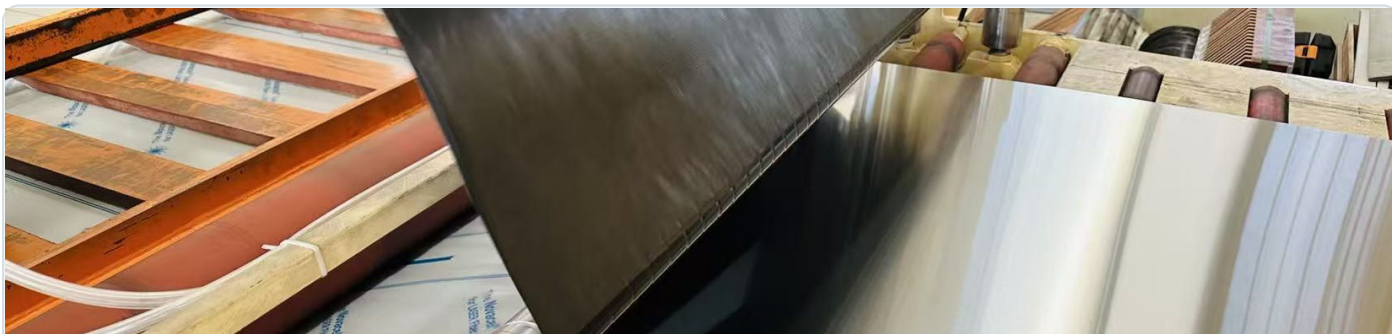
80 mm roll cassette

Higher rigidity and levelling force for thicker, stronger or more shape-resistant material.

Levelling quality is a controlled process window - not a single machine setting.

Surface Protection Configured for the End Use

FILM, INTERLEAVING PAPER AND MARKING ARE TREATED AS PRODUCTION PARAMETERS, NOT AFTERTHOUGHTS



TOP AND BOTTOM PROTECTIVE FILM OPTIONS



FILM-ALIGNED SHEETS STACKED NEATLY AT THE LINE EXIT



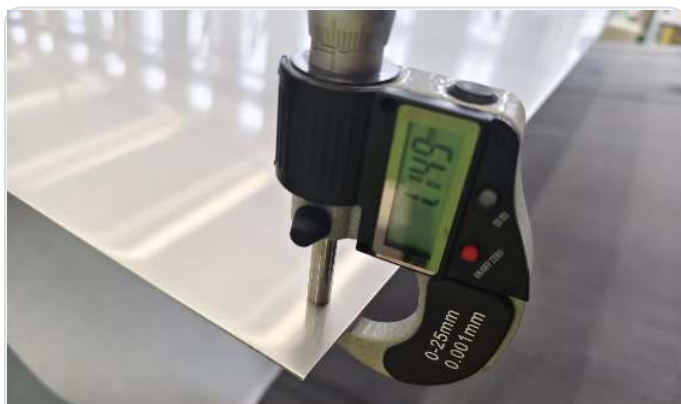
TOP AND BOTTOM MARKING CONFIGURATIONS

Order-specific protection plan

Confirm film brand and type, coated side, paper width, marking side, stacking direction and export packing before production.

Dimensions, Traceability and Controlled Release

QUALITY MUST REMAIN CONSISTENT FROM THE FIRST SHEET TO THE LAST SHEET IN EVERY FINISHED PACK



EDGE AND CENTER THICKNESS



FINISHED WIDTH



CUT LENGTH AND SQUARENESS



SCAN-TO-LOAD MARKING DATA

CONTENTS

01

Incoming coil verification

02

First-sheet approval

03

Repeated in-process checks

04

Final pack inspection

05

Controlled QC release

Coil ID, work order, inspection records, marking and final release remain connected.

SECTION 03

Precision Slitting

Three complementary lines match wide-coil production, surface-sensitive work and precision narrow strip.

- 01 **A combined 0.2-4.0 mm processing window**
- 02 **Width, burr, camber, tension and coil geometry controlled together**
- 03 **Finished strip prepared for continuous forming, welding, stamping and assembly**

Three Lines, Three Distinct Production Roles

ORDERS ARE ROUTED BY THICKNESS, SURFACE, FINISHED WIDTH, STRIP COUNT, TOLERANCE AND END USE



LINE 1



LINE 2



LINE 3

High-speed wide coil

0.3-4.0 mm | Belt tension | Film | Dual paper

Stable volume production

0.3-3.0 mm | Dual knife stands | Double-sided CCD

Precision narrow strip

0.2-1.5 mm | From 12 mm | Tolerance to +/-0.03 mm

CONTENTS

The three-line structure keeps marginal specifications away from unsuitable equipment and gives customers a more stable route for urgent, mixed-size and high-surface programs.

Equipment selection is part of quality planning.

Combined Capability Map

RATED CAPABILITY IS SEPARATED FROM TECHNICALLY REVIEWED LIMITS TO KEEP COMMITMENTS REALISTIC

0.2-4.0
mm

COMBINED RATED THICKNESS

80-1,600
mm

RATED INCOMING WIDTH

12-1,600
mm

RATED FINISHED WIDTH

Up to 200
m/min

RATED MAXIMUM SPEED

Line	Incoming coil	Thickness	Finished strip	Finished ID
Line 1	300-1,600 mm up to 28 t	0.3-4.0 mm	From 22 mm +/-0.1 mm	508 / 610 mm
Line 2	500-1,600 mm up to 28 t	0.3-3.0 mm	22-1,600 mm	508 / 610 mm
Line 3	80-650 mm up to 8 t	0.2-1.5 mm	From 12 mm to +/-0.03 mm	304 / 406 / 508 mm

CONTENTS

Standard material strength window

The standard cold-rolled route is defined below approximately 560 MPa yield and 780 MPa tensile strength. Stronger or harder material requires review.

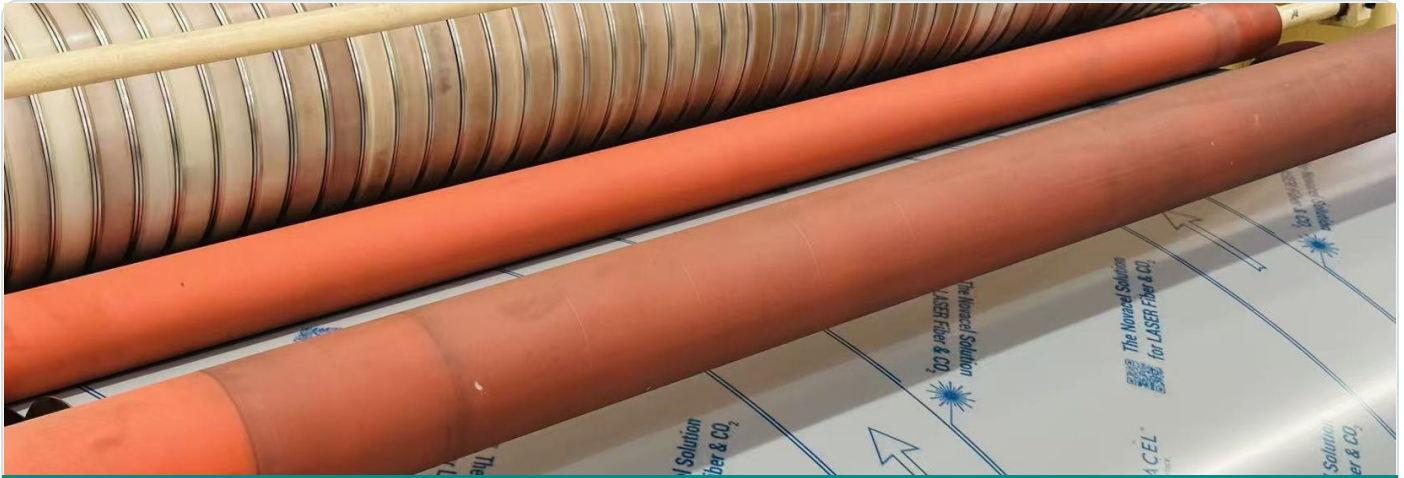
Strip count and trim allowance

Thickness, hardness, strip count, side trim and knife setup are reviewed together to protect width accuracy and edge quality.

All limits depend on grade, temper, incoming shape, surface, OD, weight and tooling confirmation.

Tension Control With Continuous Surface Protection

HIGH-SURFACE MATERIAL MUST REMAIN PROTECTED THROUGH SLITTING, TENSIONING AND RECOILING



BELT-TENSION SYSTEM SUPPORTS MORE UNIFORM RECOILING WITH LESS DIRECT FRICTION



BLUE-FILM SLITTING AND RECOILING



BA SURFACE PROTECTED DURING PRODUCTION

Film is a quality barrier

Film type, adhesive, surface coverage and edge alignment are matched to the downstream application.

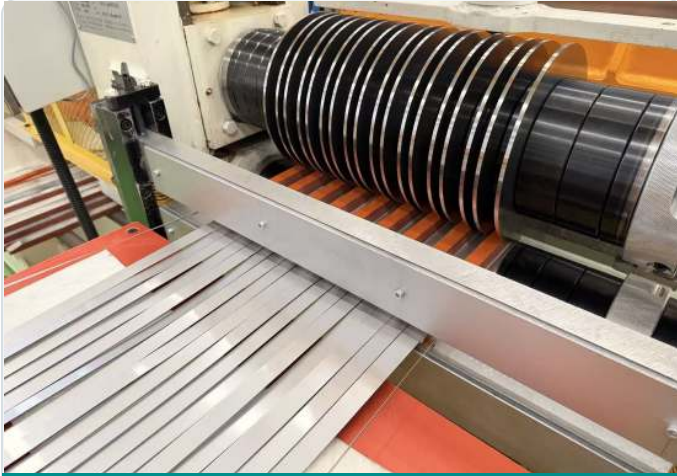
Interleaving must remain continuous

Clean paper, correct width, stable tension and visible paper-break control reduce metal-to-metal contact.

Surface protection is controlled as part of the slitting recipe.

Burr, Trim Allowance and Tooling Define Edge Quality

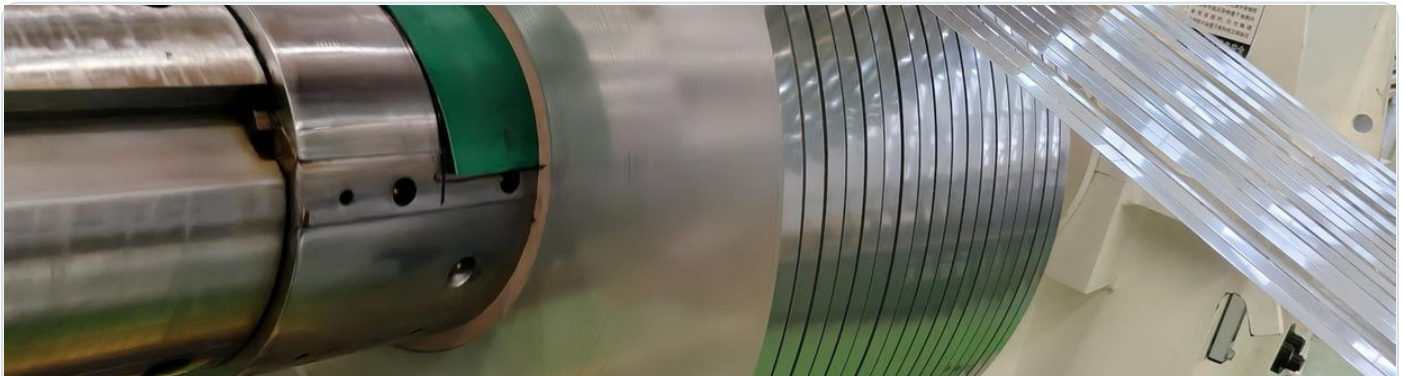
A NARROW WIDTH TOLERANCE IS USEFUL ONLY WHEN THE EDGE CAN ALSO FEED, FORM, WELD AND ASSEMBLE RELIABLY



PRECISION KNIFE AND SPACER SETUP



STABLE EDGE SEPARATION DURING NARROW SLITTING



FLUSH PRECISION-STRIP SIDEWALLS SHOW CONTROLLED EDGE AND RECOILING GEOMETRY

Rated burr control

General lines: below 0.05 mm. Precision narrow-strip line: below 0.03 mm, subject to material and technical review.

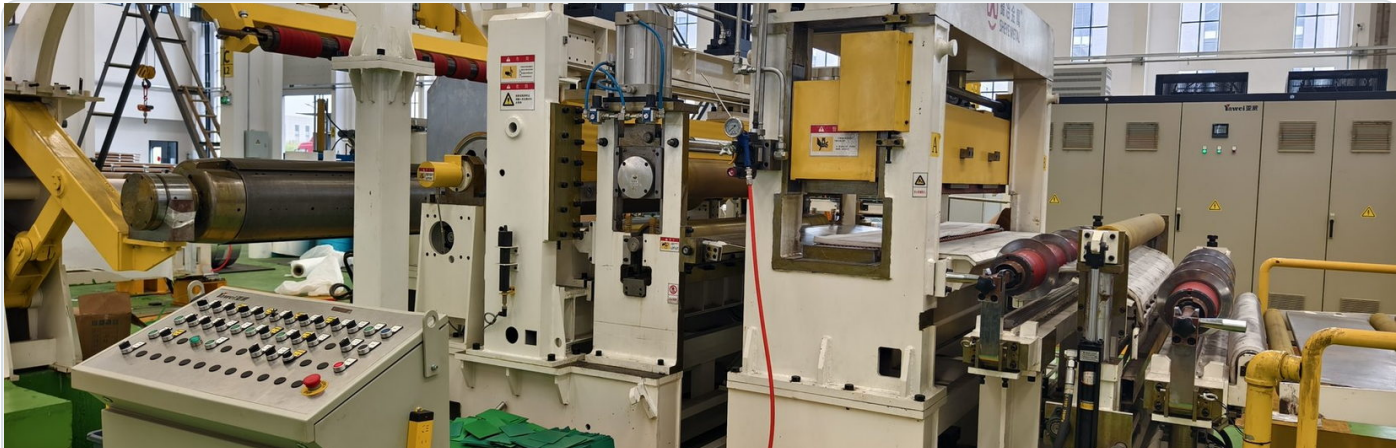
Knife setup and trim

Adequate side trim, matched clearance, sharp tooling and controlled strip count maintain an effective shearing condition.

Low burr reduces scratching, die wear, assembly interference and secondary deburring.

Coil Geometry Determines Downstream Feeding Stability

TENSION, EDGE OFFSET, TELESOPING AND CAMBER ARE CONTROLLED BEFORE THE STRIP REACHES THE CUSTOMER'S LINE



TENSION MANAGEMENT BEFORE RECOILING KEEPS MULTIPLE STRIPS UNDER CONTROLLED LOAD



RECOILER AND HOLD-DOWN SYSTEM



ALIGNED SIDEWALL AND STABLE COIL BUILD

CONTENTS

Control item	Representative capability	Customer value
Edge offset	Line 2 up to +/-1 mm	Less sidewall damage and guide deviation
Telescoping	Line 2 about +/-2 mm	More stable uncoiling and transport
Camber	Precision route reviewed by order	Reduced wandering during feeding and forming

A neat sidewall is a functional quality feature, not only a visual one.

Precision Narrow Strip Creates Value in Continuous Production

LOW BURR, NARROW TOLERANCE, LOW CAMBER AND FLUSH RECOILING REDUCE PROBLEMS BEFORE STAMPING, FORMING OR WELDING



STABLE MULTI-STRIP SEPARATION FOR CONTINUOUS PRODUCTION



FELT SEPARATION PROTECTS EDGES AND FINISHED SIDEWALLS

Bellows and metal hose

Low burr reduces forming scratches and weld interference.

Heat exchangers

Stable width and edge condition support forming, welding and sealing.

Precision stamping

Tight width and controlled camber improve die feeding.

Tube and roll forming

Consistent geometry reduces wandering and seam variation.

Gaskets and shims

Dimensional repeatability supports stacking and assembly.

Electrical and appliance parts

Protected surfaces and neat coils improve automated handling.

Finished strip can be matched with film, interleaving, ID, coil weight, automated wrapping and export packing to preserve usable geometry through delivery.

SECTION 04

Coil Grinding and Surface Finishing

Heavy-duty multi-head grinding, controlled texture, purified-water cleaning, efficient drying and protected recoiling in one continuous line.

- 01 **High installed power and strong equipment structure for thicker coil**
- 02 **Abrasive grit, pressure, speed and active heads matched to the target finish**
- 03 **Cleaning, drying, film application and coil geometry controlled as one process**

Heavy-Duty Power for Complete Grinding Up to 4.0 mm

THICKER COIL REQUIRES MORE CUTTING POWER, CONTACT STABILITY, TRACTION AND MACHINE RIGIDITY



HEAVY-DUTY STRUCTURE, MULTIPLE GRINDING HEADS AND HIGH INSTALLED POWER

**1,000-1,580
mm**

RATED WIDTH

0.3-3.5 mm

RATED THICKNESS

Up to 25 t

RATED INCOMING COIL

**Up to 45
m/min**

RATED MAXIMUM SPEED

Why light-duty lines can leave bright metal

Above 2.0 mm, insufficient power, rigidity or contact pressure can leave under-ground areas, uneven grain and exposed bright metal.

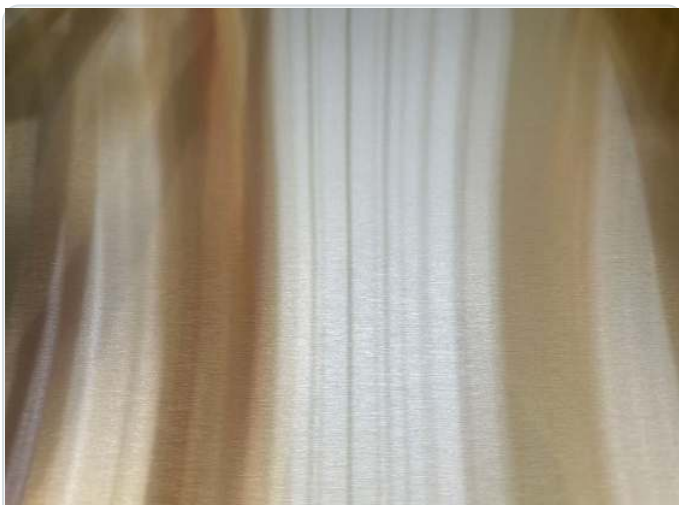
Correct technical boundary

4.0 mm is a reviewed processing limit. Grade, strength, incoming shape, target finish, grit, coil weight and speed must be confirmed.

The objective is full-width, complete and repeatable grinding - not simply passing thick coil through the line.

Abrasive Grit Guides Texture - The Full Recipe Defines the Finish

THE SAME GRIT NUMBER CAN PRODUCE A DIFFERENT APPEARANCE WHEN PRESSURE, SPEED, BELT CONDITION OR ACTIVE HEADS CHANGE



FINE, UNIFORM NO.4-TYPE GRAIN CREATED BY A CONTROLLED PROCESS RECIPE



AFTER FILM REMOVAL: VERIFY GRAIN, DIRECTION, TONE AND CROSS-WIDTH UNIFORMITY

Lower grit number

Coarser abrasive provides stronger cutting, higher removal and deeper, more visible grain for conditioning or bold decorative texture.

Higher grit number

Finer abrasive provides lower removal, a more delicate grain and softer reflection for appearance-critical parts.

Customer-specified finish

Grit is selected by target texture, approved physical sample and downstream use, then locked into the production recipe.

Sample before volume production

Confirm grain depth, direction, tone, reflection, edge effect, both surfaces and acceptance method before the full coil run.

A finish name such as No.4, HL or SB does not replace an approved physical sample.

Staged Multi-Head Grinding and Backside Sanding

MATERIAL REMOVAL, TEXTURE DEVELOPMENT AND PLATE-SHAPE STABILITY ARE CONSIDERED TOGETHER



ENCLOSED CONTINUOUS GRINDING STATIONS CONDITION, BUILD AND REFINE THE SURFACE

Early stage: stable removal

Conditions the incoming surface and establishes continuous cutting. Thick material needs adequate power and stable contact pressure.

Middle stage: texture build

Grit, active-head count and line speed progressively establish the required grain depth and direction.

Final stage: uniformity

Controls cross-width consistency, edge coverage, tone and reflection while reducing bands and localized over-grinding.

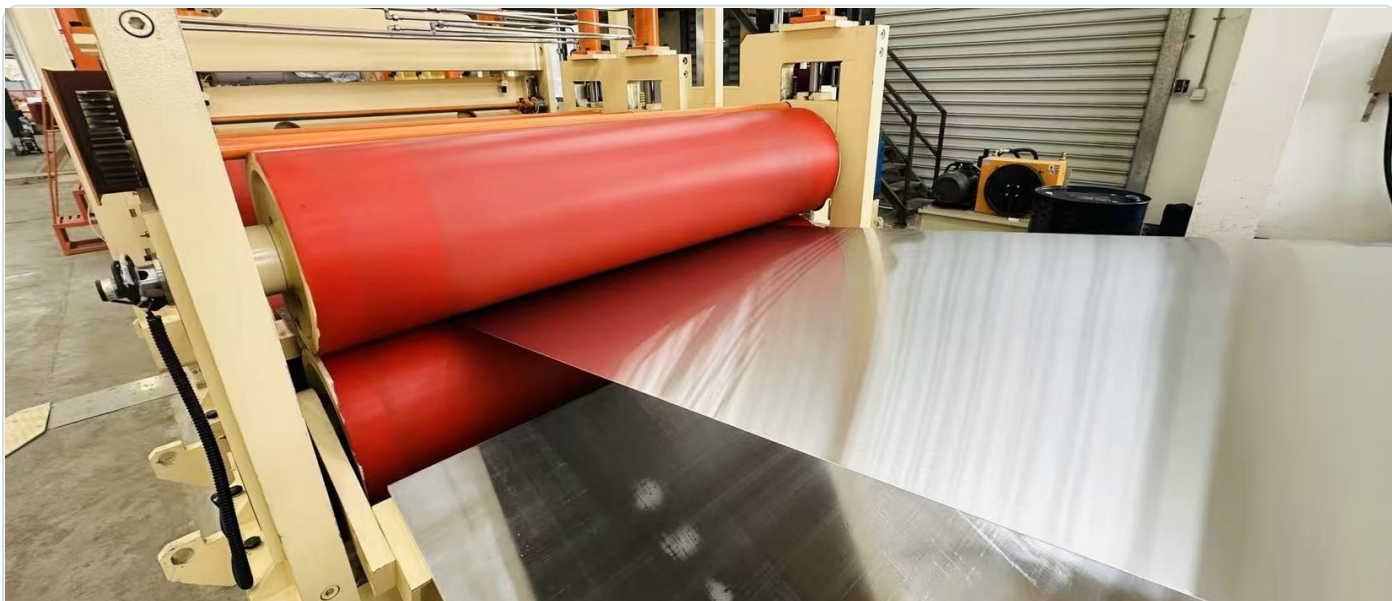
Main-face grinding + backside sanding

Backside sanding balances one-sided removal, frictional heat and surface stress, helping reduce curl, warpage and plate-shape variation.

Backside sanding can improve and stabilize shape, but it does not replace levelling or eliminate severe incoming edge wave, center buckle, camber or residual-stress defects.

Purified Process Water and Efficient Drying

A CLEAN, DRY SURFACE IS ESSENTIAL FOR STABLE APPEARANCE, RELIABLE FILM ADHESION AND CONTINUOUS OUTPUT



CLEAN AND DRY FINISHED STRIP ENTERING THE DOWNSTREAM ROLLER SECTION



On-site roughness reading: Ra 0.199 µm on the photographed sample

Filtered and purified process water

Controlled water removes swarf, abrasive particles and surface contamination while cooling the contact zone and reducing secondary scratches.

Efficient drying

Removes surface and edge moisture to reduce water marks, trapped moisture and corrosion risk.

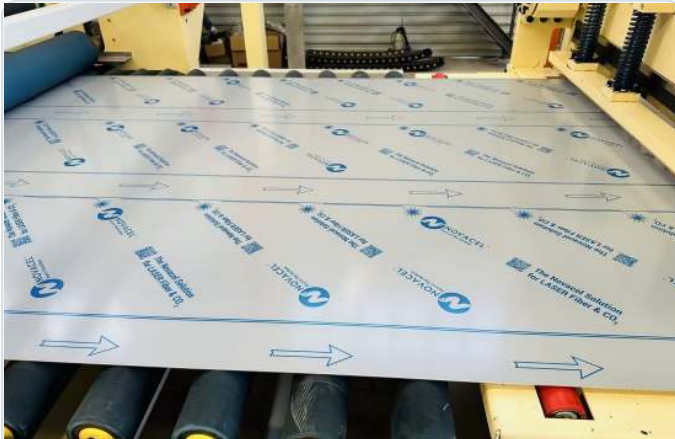
Higher line efficiency

Dry strip can move directly into film application and recoiling without offline waiting.

The roughness value shown is a sample reading, not a universal standard for every finish.

Protect the Finish Immediately and Recoil It Correctly

FILM, COIL STARTING, WINDING DIRECTION AND EDGE ALIGNMENT ARE CONTROLLED BEFORE THE COIL LEAVES THE LINE



IN-LINE FILM WITH CLEAR DIRECTION AND ALIGNED COVERAGE



FILM TYPE SELECTED FOR HANDLING AND DOWNSTREAM FABRICATION



TAPE-FREE AUTOMATIC COIL STARTING FOR MORE STABLE THIN-GAUGE WRAPS



610 MM REVERSE RECOILING WITH AUTOMATIC EDGE-POSITION CORRECTION

Tape-free coil starting

Reduces head-end creases and avoids loose tape entering the customer's leveller or feed equipment.

EPC and winding direction

Improves sidewall alignment and matches top or bottom recoiling to the finished side and customer uncoiling direction.

Surface quality and coil geometry must arrive together.

SECTION 05

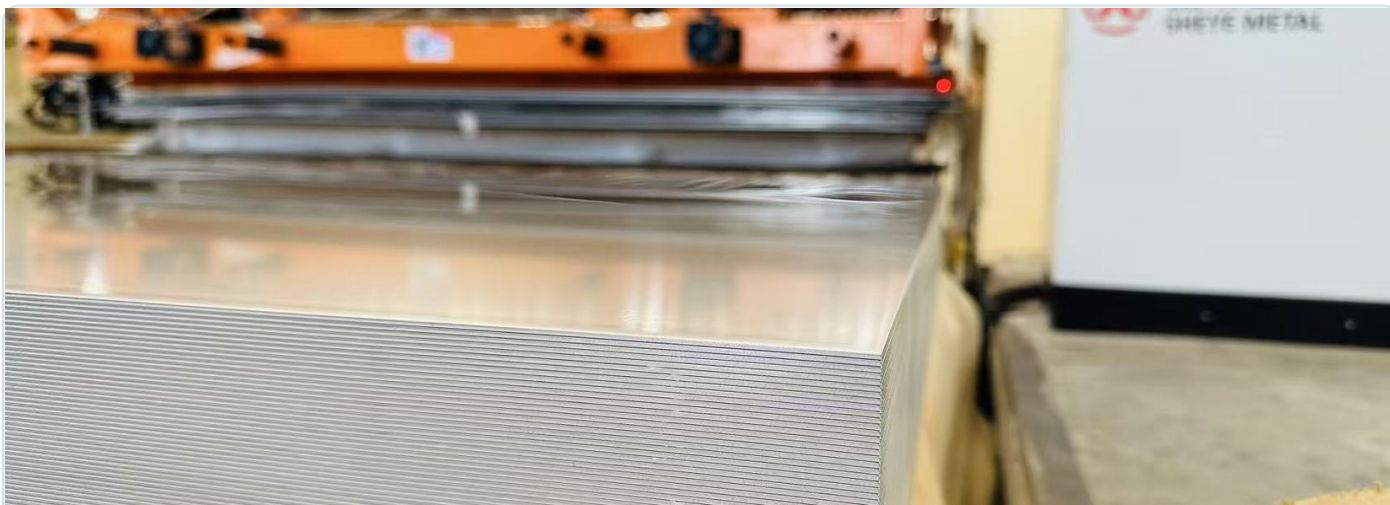
Sheet Protection and Export Packing

Full-width interleaving, flush-to-edge film and stronger export packaging protect sheet surfaces through stacking, handling and ocean transport.

- 01 New interleaving paper matched to the finished sheet width
- 02 Protective film trimmed flush with the sheet edges
- 03 Multi-layer packaging built on a stronger load-bearing frame

Full-Width New Interleaving Paper

A CLEAN, FLAT SHEET OF PAPER BETWEEN EVERY LAYER PROTECTS THE SURFACE AND REDUCES PRESSURE-MARK RISK



NEW INTERLEAVING PAPER FULLY COVERS THE FINISHED STAINLESS STEEL SHEET



ALIGNED PAPER AND SHEET EDGES



PAPER IS SLIT AS PART OF THE PRODUCTION ROUTE

Complete coverage

Protects the full visible surface and reinforces edge separation.

Fewer pressure marks

Reduces dents caused by wrinkled, doubled or uneven paper.

Cleaner stacking

Fresh paper lowers the risk of dust, oil or recycled-fibre contamination.

Stable unloading

Flat, aligned layers are easier to separate and handle at the customer.

Paper width, cleanliness, flatness and continuity are all part of the protection standard.

Protective Film Flush With the Sheet Edges

NO EXPOSED STEEL AND NO FILM OVERHANG - CLEAN PROTECTION TO EVERY FINISHED EDGE



PROTECTIVE FILM AND FINISHED SHEET EDGE REMAIN FLUSH



ALIGNED FILM SUPPORTS CLEAN PACK SEPARATION



FILM AND STEEL ARE TRIMMED TOGETHER

Why film overhang fails

Overhanging film can wrinkle, trap dirt, bond adjacent sheets or tear during stacking and downstream handling.

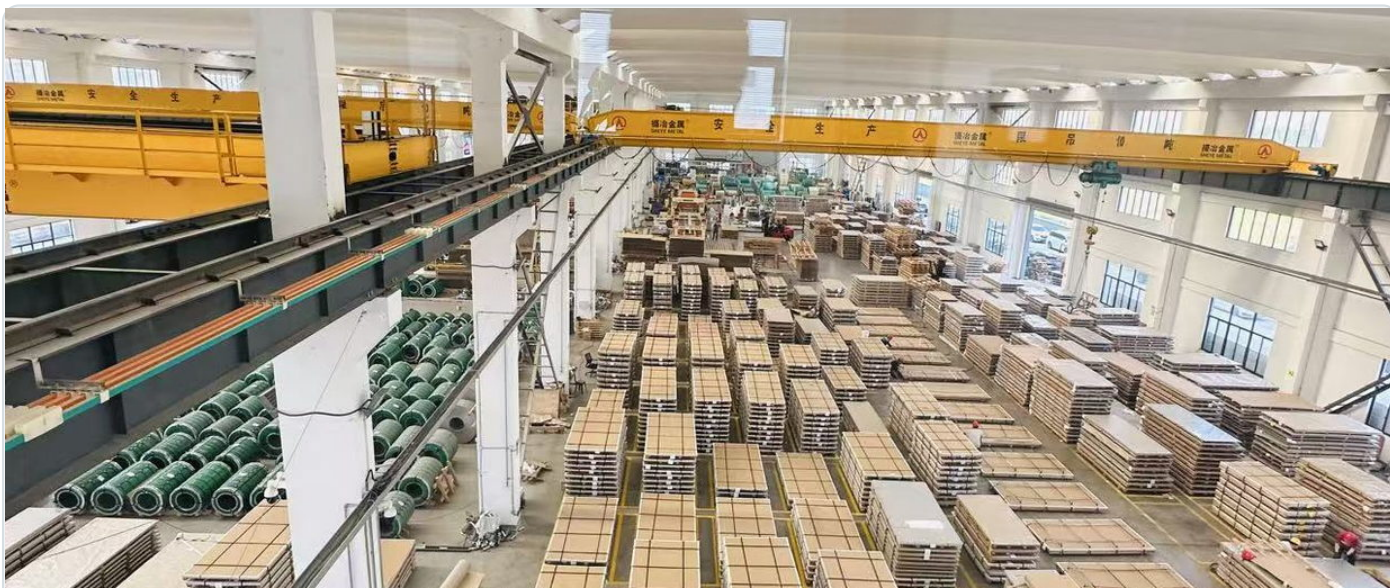
Sheye process sequence

Apply a wider film first, then trim film and steel together so the protective layer follows the actual finished edge.

Film brand, adhesion, thickness, laser compatibility and peel direction are confirmed by end use.

Premium Export Packaging Is a Risk-Control System

THE PURPOSE IS TO PROTECT THE USABLE SHEETS, THE PEOPLE HANDLING THEM AND THE RELIABILITY OF DELIVERY



SHEYE PREMIUM EXPORT PACKAGING FOR STAINLESS STEEL SHEETS



A TYPICAL LOWER-SPECIFICATION MARKET EXPORT PACK

What the stronger system adds

A stable timber frame, new water-resistant materials, corrugated protection, stronger straps and seals, corner guards and defined forklift access.

Usable yield

Less risk of water ingress, bent corners, surface abrasion and handling collapse.

Predictable unpacking

A repeatable package profile supports safer stacking, unloading and internal movement.

Packaging is the final production operation - not an afterthought after inspection.

A Stronger Foundation and Multiple Protection Layers

EACH LAYER ADDRESSES A DIFFERENT TRANSPORT RISK - COMPRESSION, MOISTURE, ABRASION, IMPACT OR HANDLING



FUMIGATED DOUGLAS-FIR FRAME WITH STABLE SUPPORT



NEW CORRUGATED BOARD ABOVE AND BELOW THE STACK



FULL WATER-RESISTANT WOVEN KRAFT-PAPER ENCLOSURE



PLYWOOD REINFORCEMENT WHEN SPECIFIED

01

Load-bearing frame

Stable support geometry and usable forklift access.

02

Internal surface layers

Corrugated board and optional hardboard or plywood.

03

Moisture barrier

New woven kraft wrap and sealed protection.

04

Edge and restraint

New painted straps, seals and corner protection.

Protection quality can be checked by structure, materials and execution - not by appearance alone.

SECTION 06

Hot-Rolled Plate Delivery

Hot-rolled stainless plate can be delivered with cold-rolled discipline: sheet-by-sheet inspection, non-marking handling, aligned stacking, marking and export protection.

- 01 Individual transfer creates the opportunity for individual inspection**
- 02 Vacuum handling with clean sleeves reduces hook scratches and contact marks**
- 03 Standardized marking, alignment and packing support safe project delivery**

Sheet-by-Sheet Handling Makes Sheet-by-Sheet Inspection Possible

DEDICATED VACUUM LIFTERS PROTECT WIDE PLATE SURFACES WHILE IMPROVING ALIGNMENT AND ACCESS FOR INSPECTION



WIDE PLATE TRANSFERRED, INSPECTED AND ALIGNED WITH A DEDICATED VACUUM LIFTER



FLEXIBLE LIFTER FOR 3 M PLATES



CLEAN SLEEVES REDUCE VACUUM-RING TRANSFER

Why not use hooks on the plate edge?

Hook contact can scratch edges, distort protruding sheets and make full surface inspection more difficult.

Why individual transfer matters

Each sheet can be checked, cleaned, reworked if necessary and aligned before it enters the finished stack.

Better handling is the first condition for better inspection.

Clean Handling, Aligned Stacking and Traceable Marking

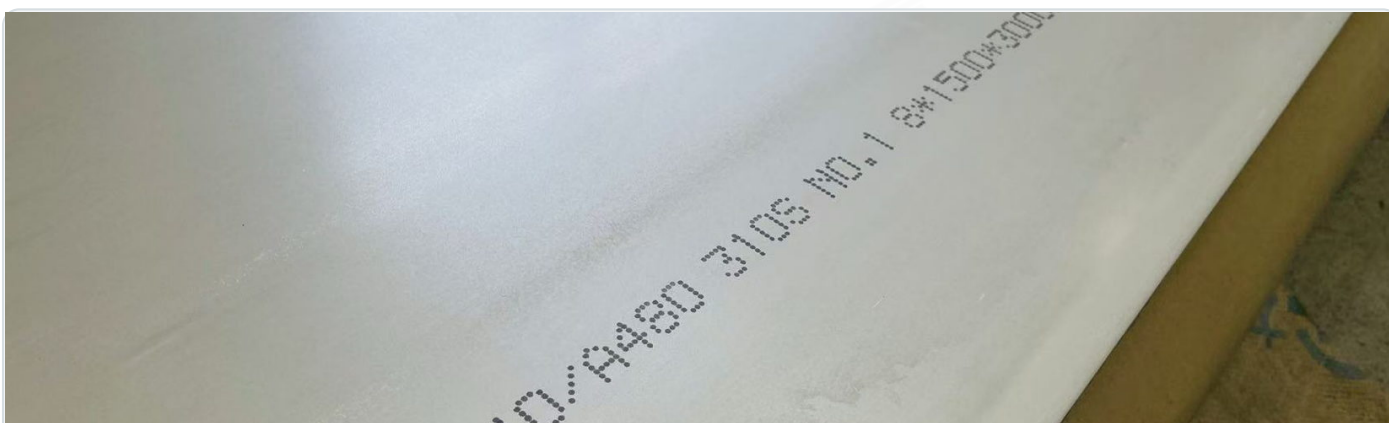
THE FINISHED STACK SHOULD BE EASY TO IDENTIFY, LIFT, UNPACK AND FEED INTO THE NEXT FABRICATION STEP



CLEAN PLATE SURFACE AFTER SLEEVED VACUUM HANDLING



PLATE EDGES ALIGNED SHEET BY SHEET



GRADE, SIZE AND HEAT NUMBER MARKED CLEARLY IN A CONSISTENT POSITION

Lower scratch risk

No edge-hook contact during individual transfer.

Lower secondary damage

Aligned edges do not protrude into forklift, strap or impact zones.

Faster sorting

Consistent marking supports identification and material separation.

Better traceability

Heat number and order information remain visible after processing.

A neat stack is safer for the product, the operator and the customer's production flow.

One Delivery Standard From Regular Sizes to 2 x 6 m Plates

INTERNAL SURFACE PROTECTION AND EXTERNAL LOAD CONTROL ARE SCALED TO THE PLATE DIMENSIONS



2 X 6 M HOT-ROLLED STAINLESS PLATE WITH STEEL-FRAME PREMIUM PACKING



CORRUGATED BOARD PROTECTS THE TOP AND BOTTOM SURFACES



CONSISTENT TIMBER AND STRAP POSITIONS ON 1,500 X 6,000 MM PLATES

Internal protection

New corrugated board above and below the stack isolates the plate from timber supports and the external wrap.

Long-plate load control

Timber, straps and optional steel frames are positioned to limit bending, sliding and forklift handling risk.

The delivery standard remains consistent even when the package structure must become stronger.

SECTION 07

Coil Export Packaging

A reliable coil package is a complete, closed and repeatable protection system - not simply a visually covered coil.

- 01 Full protective wrap around the OD, side faces and inner eye**
- 02 Sealed joints, new clean materials and protected coil edges**
- 03 Matched cradles, redundant restraint and purpose-selected packing equipment**

Full Enclosure and Sealed Critical Joints

ONE OPEN PATH CAN ALLOW MOISTURE AND CONTAMINATION TO REACH THE COIL DURING OCEAN TRANSPORT



OUTER-WRAP SEAM SEALED WITH REINFORCED CLOTH TAPE



INNER EYE RECEIVES ITS OWN PROTECTIVE METAL WRAP



INNER-EYE WRAP AND SIDE-FACE WRAP FORM A CONTINUOUSLY SEALED INTERFACE

01

Outer circumference

New protective metal wrap encloses the entire OD.

02

Both side faces

Side skins cover exposed coil faces.

03

Inner eye

Inner wrap isolates the coil eye and core area.

04

Sealed interfaces

Reinforced tape closes critical wrap joints.

Moisture resistance depends on complete coverage and closed joints - paper alone is not enough.

Fresh, Standardized Materials and a Defined Moisture Barrier

NEW MATERIALS REDUCE CONTAMINATION, RUST TRANSFER, OLD LABELS, INCONSISTENT FIT AND HIDDEN DAMAGE



FRESH CORRUGATED BOARD CUSHIONS THE COIL BEFORE WRAPPING



NEW PROTECTIVE WRAP CUT TO COIL DIMENSIONS



WATER-RESISTANT KRAFT PAPER CUT TO THE REQUIRED SIZE



STANDARDIZED STRAP PADS PROTECT THE WRAP

Correct role of kraft paper

It provides an auxiliary moisture layer around the OD, side faces and part of the inner eye, beneath the protective metal wrap.

Standardized materials

Uniform wrap, painted straps, pads and edge protectors make package quality easier to repeat and visually verify.

The protection path is only as reliable as its weakest seam, material or edge.

Edge Rings, Matched Cradles and Restraint Redundancy

STRUCTURAL CONTROLS PROTECT THE COIL AFTER MOISTURE PROTECTION HAS BEEN COMPLETED



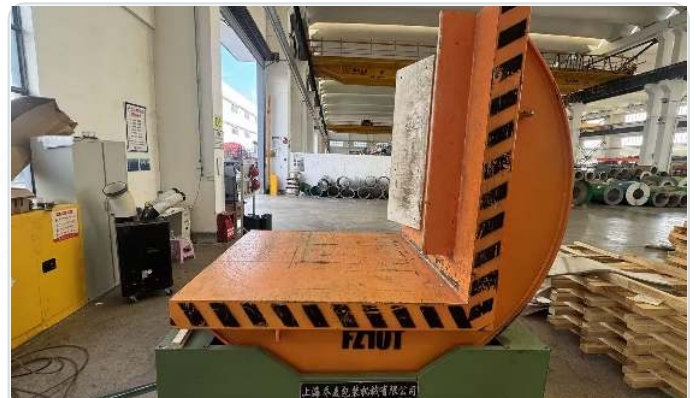
INNER AND OUTER STEEL EDGE RINGS INSTALLED TOGETHER



CRADLE MATCHED TO COIL WIDTH AND WEIGHT WITH SIDE RESTRAINT



AUTOMATIC ORBITAL WRAPPING IMPROVES REPEATABILITY



10-TON TILTER SUPPORTS EYE-TO-SKY PACKING

Why use multiple cradle ties?

At least four coil-to-cradle straps add restraint redundancy if one strap is damaged during forklift handling.

Equipment defines consistency

Tilting, wrapping and strapping equipment reduce manual variation and expand the range of safe packing orientations.

The purpose is to protect usable yield - not only to create a neat exterior.

SECTION 08

System-Based Quality Control

Quality is built into receiving, material allocation, production, inspection, release and complaint closure - not added by a final check.

- 01 Prevent mismatched material from entering production
- 02 Turn dimensional and surface checks into traceable evidence
- 03 Segregate defects, control release status and retain responsibility across the supply chain

Control Starts Before Production

RECEIVING EXCEPTIONS, ORDER REQUIREMENTS AND PRE-RUN CHECKS ENTER A VISIBLE WORKFLOW BEFORE MATERIAL REACHES THE LINE



RECEIVING STATUS, LOCATION, WEIGHT AND EXCEPTION INFORMATION



PRE-RUN CHECK OF GRADE, ORIGIN, COIL NUMBER, SIZE AND UNPACKED WEIGHT



SYSTEM WARNING BLOCKS MATERIAL THAT DOES NOT MATCH THE ORDER

01

Receiving control

Status, weight, location, condition and responsible owner are recorded.

02

Material allocation

Grade, origin, specification and process route must match the order.

03

Pre-run verification

Coil identity and production instructions are checked before threading.

Prevent first. Inspect second. Trace always.

First, In-Process and Final Checks Create Measurable Evidence

DIMENSIONS ARE REPEATED ACROSS THE BATCH, WHILE INSTRUMENTS EXTEND CONTROL BEYOND VISUAL INSPECTION



THICKNESS AND TOLERANCE



FINISHED WIDTH



PMI GRADE VERIFICATION



DOUBLE-SIDED CCD INSPECTION

CONTENTS

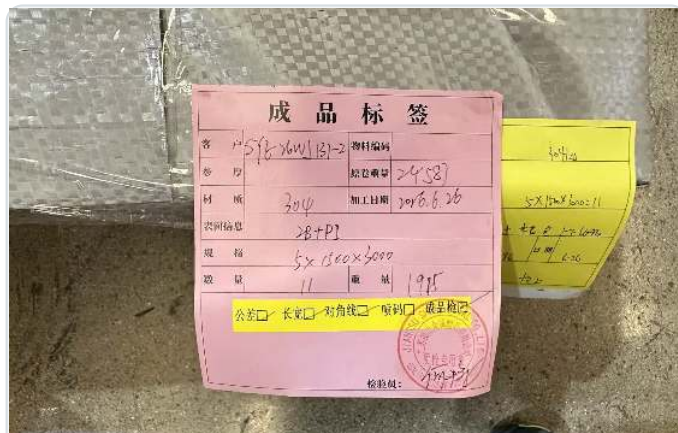
Quality gate	Representative checks
First piece	Thickness, width, length, diagonal, flatness, both surfaces and marking
In process	Repeated dimensional checks, surface observations and process-condition review
Final release	Pack-level dimensions, identity, quantity, marking, protection and appearance

Defects Are Segregated, Dispositioned and Recorded

PROCESSING LOCATION CAN CHANGE; SHEYE'S RESPONSIBILITY FOR THE ORDERED QUALITY LEVEL DOES NOT



DEDICATED SEGREGATION AREA FOR NONCONFORMING MATERIAL



SHEYE INSPECTION TAG AND SIGN-OFF AT AN OUTSIDE PROCESSOR



ORDER-LEVEL INSPECTION REPORT WITH MEASUREMENTS AND PHOTOS



SCAN-TO-LOAD MARKING REDUCES MANUAL DATA-ENTRY ERRORS

Segregate

Keep unconfirmed product outside the normal release path.

Record

Retain defect images, size, location, quantity and action.

Disposition

Rework, downgrade, replace or release only through an authorized decision.

Trace

Connect the decision to order, coil, work instruction and finished pack.

Controlled release is a system status supported by evidence - not only a visual opinion.

SECTION 09

In-House Container Loading

Direct factory loading keeps inspected cargo under one controlled process until the container is checked, secured, photographed and sealed.

- 01 Fewer transfers between final inspection and the shipping container
- 02 Indoor loading, dedicated operators and purpose-selected equipment
- 03 Cargo-specific support, restraint, records and exception handling

Fewer Handlings, More Control

FACTORY DIRECT LOADING REDUCES EXPOSURE TO REPEATED UNLOADING, YARD STORAGE AND PORT-WAREHOUSE REHANDLING



CARGO MOVES FROM FINAL INSPECTION DIRECTLY INTO THE SHIPPING CONTAINER



INDOOR LOADING DURING RAINY WEATHER



DEDICATED OPERATORS AND HEAVY-DUTY FORKLIFTS

CONTENTS

Traditional transfer chain

Factory truck loading, road transport, port unloading, yard storage, rehandling and container loading create repeated contact points.

Sheye direct-loading chain

Final inspection, package verification, direct loading, project-specific securing and photo record remain under one team.

Keep the quality received by the customer as close as possible to the quality released by the factory.

Cargo-Specific Loading for Sheets, Coils and Mixed Projects

THE SUPPORT AND RESTRAINT SYSTEM IS SELECTED BY WEIGHT, GEOMETRY, HANDLING ROUTE AND LOAD DIRECTION



LONG-PLATE PACKAGES SUPPORTED BY EXTENDED FORKLIFT ARMS



WIDE COILS POSITIONED ON CUSTOM SUPPORTS



EYE-TO-SKY STRIP COILS ON MATCHED WOODEN BASES



SEPARATE SUPPORT ZONES FOR MIXED PLATE-AND-COIL PROJECTS

Sheets and long plates

Layer height, support spacing, forklift access and longitudinal blocking are planned before loading.

Coils and strip

Cradles, wedges, timber barriers and multi-directional restraint limit rolling, sliding and side movement.

Operational convenience never comes before package, edge and surface protection.

Inspect, Secure, Photograph and Seal

EVERY LOADING TASK FOLLOWS A VISIBLE ROUTE FROM EMPTY-CONTAINER INSPECTION TO FINAL SEALING



WIDE SLINGS AND LONG SUPPORT ARMS DISTRIBUTE HANDLING LOAD



PACKING CONDITION, LABELS AND DIMENSIONS VERIFIED BEFORE LOADING

01

Issue loading instructions

Plan cargo sequence, weight distribution, support and restraint.

02

Inspect the empty container

Record container number, floor, walls, doors, water traces and protrusions.

03

Verify every package

Check labels, dimensions, condition and shipping marks.

04

Load and secure

Apply timber, wedges, straps, wire rope and protective covering as required.

05

Photograph and seal

Upload loading evidence and retain the final seal information.

Abnormalities can still be corrected while the cargo is inside the factory.

Processing Quality Must Match the Downstream Application

TELL US WHAT HAPPENS NEXT - FORMING, WELDING, STAMPING, LASER CUTTING, ASSEMBLY OR VISUAL INSTALLATION

Tanks and process equipment

Stable flatness, controlled thickness and clean surfaces support forming, longitudinal welding and reliable fit-up for vessels, tanks and process assemblies.

Electrical enclosures and cabinets

Accurate length, diagonal and sheet geometry improve laser cutting, punching, bending and door alignment. Protective film helps preserve visible surfaces through fabrication.

Food machinery and conveyors

Consistent 2B or ground finishes, clean interleaving and controlled handling reduce marks on panels, guards, hoppers, conveyors and hygienic equipment.

Commercial kitchens and equipment

Uniform appearance, flat sheets and scratch-controlled delivery support worktops, cabinets, sinks, refrigeration panels and formed kitchen components.

Heat exchangers, bellows and precision parts

Precision narrow strip requires tight width, low burr, controlled camber and neat recoiling for tube forming, finning, stamping, bellows, gaskets and shims.

Chemical, energy, marine and general fabrication

Grade traceability, surface inspection, heavy-duty packing and order-specific tolerances support corrosive-service projects, structural fabrication and custom components.

CUSTOMER VALUE: Sheye selects the material source, processing line, tolerance plan, finish, film or paper, coil geometry, inspection route, packing and loading method around the customer's actual fabrication risk.

READY FOR TECHNICAL REVIEW

Send Us the Complete Requirement

A precise inquiry allows the material, equipment and quality plan to be selected before quotation and production.

- 01 **Grade, standard and temper**
- 02 **Product form, thickness, width, length and quantity**
- 03 **Finish, surface class and approved sample if applicable**
- 04 **Width, length, diagonal, burr, camber or flatness requirements**
- 05 **Film, interleaving, finished ID, coil weight and winding direction**
- 06 **Inspection, marking, packing and destination**

**MATERIAL + PROCESSING + INSPECTION + TRACEABILITY + PACKING + EXPORT
DELIVERY**