STEEL PRODUCTS PACKAGING CONCEPT
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Hot Rolled Products: Rolling Shop no.4, Rolling Shop no.10, Plates Division
Rolling Shop no.4
Hot Rolled Sheets
Packaging of bundles

1 – packing strap
2 – packing lock
3 – marking label

1 – packing strap
2 – packing lock
3 – steel sheet
4 – marking label
Hot Rolled Sheets (Pickled and Oiled)
Packaging of bundles

Packing Components

1 – protective steel angle
2 – packing paper
3 – steel sheet
4 – packing strap
5 – packing lock
6 – marking label

Packed Cargo Item View
Hot Rolled Coils Packaging (Domestic Market and Export Market)

1 – marking label
2 – packing strap
3 – packing lock
4 – steel pad

1 – marking label
2 – packing strap
3 – packing lock
4 – steel pad
Rolling Shop no.10
Hot Rolled Coils Packaging (Domestic Market and Export Market)

1 - marking label
2 - packing strap
3 - packing lock
4 - steel pad
Plates Production
Hot Rolled Plates
Packaging of bundles

1 – packing strap
2 – packing lock
3 – marking label
Cold Rolled and Hot Rolled Products: Rolling Shops no.5, 8 and 11, Coated Steel Production
Rolling Shop no.5
Cold Rolled Sheets
Packaging of bundles for Domestic Market

Packing Components

Package View

1 – steel framing
2 – wooden pallet
3 – bottom plastic sheet
4 – top plastic sheet
5 – packing paper
6 – plastic angle
7 – inner steel angles
8 – packing steel sheet
9 – outer packing strap
10 – packing lock
11 – under strap plastic pad
12 – under lock plastic pad
13 – inner packing strap
14 – outer steel angles
Cold Rolled Sheets
Packaging of bundles for Export Market

Packing Components

Package View

1 – steel framing
2 – wooden pallet
3 – bottom plastic sheet
4 – top plastic sheet
5 – packing paper
6 – plastic angle
7 – steel angles
8 – packing steel sheet
9 – outer packing strap
10 – side steel framing
11 – packing lock
12 – inner packing strap
13 – steel angles

Steel products packaging concept
Hot Rolled Coil Packaging (Hot Rolled Pickled Steel Products)

Packing Components

1 – inner steel sheet
2 – inner angle
3 – corrugated steel angle ring
4 – packing lock
5 – upper protective angle
6 – inner protective angle
7 – outer protective angle
8 – outer steel sheet
9 – packing paper
10 – polyethylene cover
11 – end disc plate
12 – packing strap

Packed Coil View
Cold Rolled Coil Packaging (Cold Rolled Full Hard Steel Products)

Packing Components

1. inner steel sheet
2. inner angle ring
3. corrugated steel angle ring
4. packing lock
5. upper protective angle
6. inner protective angle
7. outer protective angle
8. outer steel sheet
9. packing paper
10. polyethylene cover
11. end disc plate
12, 13. packing strap
14. under lock pad
15. wooden pallet

Packed Coil View
**Cold Rolled Coil** (Cold Rolled Steel Products)

Packaging for a Coil or a Bundle of Coils

**Packing Elements**

1, 14 – steel sheet  
2 – inner angle ring  
3 – corrugated steel angle ring  
4 – packing lock  
5, 9, 17 – packing strap  
6, 7, 8 – protective angle  
10, 18 – under lock pad  
11 – packing paper  
12 – polyethylene cover  
13 – plastic sheet  
15 – end disc plate  
16 – securing band  
19 – wooden pallet

**Packed Cargo Item View**
Rolling Shop no.8
Packages of Cold Rolled Products (Roll-Formed Shapes)

1 – transport tie
2 – packing strap
3 – marking label
Packaging of Cold Rolled Products (Roll-Formed Shapes and Electric Welded Pipes)

1 – packing strap
2 – transport tie
3 – marking label

1 – wire rod strapping
2 – transport tie
3 – marking label
Hot Rolled Coils (Hot Rolled Steel Products)
Packaging of Coils or Bundles of Coils

Packing Components

1 – wire rod knot
2 – packing strap
3 – wire rod strapping
4 – marking label
5 – packing lock
Cold Rolled Coils (Cold Rolled Narrow Strip)
Packaging of Bundles of Coils

Packing Components

1 – top steel cover
2 – polyethylene cover
3 – polyethylene wrapping
4 – packing paper
5 – packing steel sheet
6 – packing lock
7 – packing strap
8 – bottom steel cover
9 – wooden pallet
Cold Rolled Coil (Cold Rolled Narrow Strip)
Packaging of Bundles of Coils

Packing Components

1 – top steel cover
2 – polyethylene cover
3 – packing paper
4 – packing steel sheet
5 – packing lock
6 – packing strap
7 – bottom steel cover
8 – pallet made of wood and steel
Bundles of Cold Rolled Narrow Strip Coils (Cold Rolled Narrow Strip)
Packaging of Bundles of Coils

Packing Components

1 – top steel cover
2 – polyethylene cover
3 – polyethylene wrapping
4 – packing steel sheet
5 – packing lock
6 – packing strap
7 – bottom steel cover
8 – wooden pallet

Packed Cargo Item View
Rolling Shop no.11
Cold Rolled Coils Packaging (Full Hard or Galvanized Steel Products)

### Packing Components

1. steel sheet
2. steel angle ring
3. corrugated steel angle ring
4. packing lock
5. protective angle
6. packing strap
7. packing paper
8. polyethylene cover
9. plastic sheet
10. end disc plate
11. securing band
12. plastic pad

### Packed Cargo Item View
Cold Rolled Coil Packaging (Full Hard or Galvanized Steel Products)
Packaging of coils by an automatic packing machine

Packing Components

1, 12 – steel sheet
2 – steel angle ring
3 – corrugated steel angle ring
4 – packing lock
5, 6, 7 – protective angle
8, 15 – packing strap
9 – stretch wrapping
10 – packing paper
11 – plastic sheet
13 – end disc plate
14 – polyethylene wrapping

Packed Cargo Item
Coated Steel Production
Cold Rolled Sheet (Zinc Coated Steel Products)
Packaging of bundles

Packing Components

1 – steel pallet
2 – packing paper
3,4 – steel framing
5,6 – steel sheet
7 – side steel framing
8 – packing strap
9 – packing lock

Packed Cargo Item
Cold Rolled Sheets (For Enameling)
Packaging of bundles

Packing Components

1 – steel framing
2 – wooden pallet
3 – packing paper
4 – packing strap
5 – packing lock
6 – steel angles
7 – packing sheet

Packed Cargo Item
Cold Rolled Sheets (Zinc- and Polymer-coated Steel Products)
Packaging concept in the Coating Shop

Packing Components

1 – steel pallet
2 – packing paper
3, 4 – steel framing
5, 6 – packing sheet
7 – steel angles
8 – packing strap
9 – packing lock

Packed Cargo Item

Steel products packaging concept
Cold Rolled Sheets (Tin Plates)
Packaging of bundles in the Coating Shop

Packing Components

1 – steel framing
2 – wooden pallet
3 – inner packing strap
4,5 – steel sheet
6 – steel cover
7 – packing lock
8 – packing paper
9 – water-proof cardboard
10 – steel angles
11 – packing strap
Cold Rolled Sheets (Tin Plates)
Packaging of bundles

Packing Components

1 – steel framing
2 – wooden pallet
3, 10 – packing strap
4 – steel sheet
5 – steel cover
6 – packing lock
7 – packing paper
8 – water-proof cardboard
9, 11 – steel angles

Packed Cargo Item
Cold Rolled Sheets (Black Plates)
Packaging of bundles for Domestic Market

Packing Components

1 – steel framing
2 – wooden pallet
3 – packing strap
4 – steel cover
5 – packing lock
6 – steel angles
7 – packing strap

Packed Cargo Item
Cold Rolled Sheets (Black Plates)
Packaging of bundles for Export Market

Packing Components

1 - steel framing
2 - wooden pallet
3 - packing strap
4 - steel cover
5 - packing lock
6 - packing paper
7 - water-proof cardboard
8 - steel angles
9 - packing strap

Packed Cargo Item View
Cold Rolled Coils Packaging (Black Plates)

Packing Components

1, 9 – steel sheet
2, 13 – cardboard sheet
3 – steel angle
4 – corrugated steel angle ring
5, 6 – protective angle
7 – packing paper
8 – polyethylene wrapping
10 – end disc plate
11 – packing lock
12 – packing strap
14 – steel pallet

Packed Cargo Item
Cold Rolled Coils Packaging (Zinc Coated Steel Products)

Packing Components

1 – packing sheet
2 – plastic sheet
3 – steel angle
4 – corrugated steel angle ring
5 – securing band
6,7,8 – protective angle
9 – packing paper
10 – polyethylene wrapping
11 – plastic sheet
12 – steel sheet
13 – end disc plate
14 – packing strap
15– under lock pad
16– packing lock

Packed Cargo Item View
Cold Rolled Coil Packaging  (Polymer Coated Material)

Packing Components

1 – packing sheet
2 – plastic sheet
3 – steel angle
4 – corrugated steel angle ring
5 – securing band
6,7,8 – protective angle
9 – packing paper
10 – polyethylene wrapping
11 – plastic sheet
12 – steel sheet
13 – end disc plate
14 – packing strap
15 – under lock pad
16 – packing lock

Packed Cargo Item View
Cold Rolled Coil Packaging (Tin Plates)

Packaging Components

1 – corrugated steel angle ring
2, 14 – steel covers
3, 10 – plastic sheets
4 – cardboard bushing
5 – steel angle ring
6, 8 – protective angles
7, 13 – end disc plates
9 – packing paper
11 – polyethylene paper
12 – steel sheet
15 – packing strap
16 – centering pallet element
17 – pallet made of steel and wood
Long Products: Long Products Shop
Long Products
Packaging of Bundles

Packed Cargo Item View

1 – wire rod strapping
2 – transport ties
3 – marking label

Steel products packaging concept
Long Products
Packaging of Bundles

Packed Cargo Item View

1 – marking label
2 – wire rod strapping