



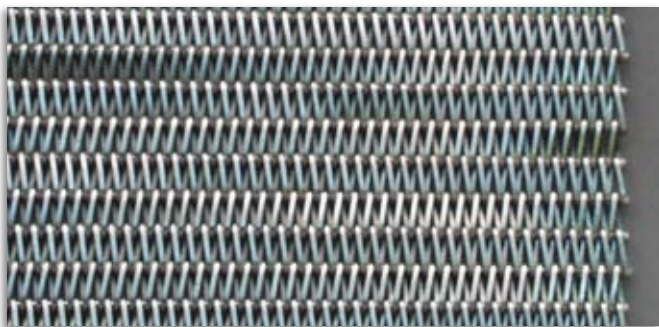
Wire Mesh Conveyor Belts.

Delivery Program

 **STEINHAUS**

Wire Mesh Conveyor Belts, Group 100 - 400

FLAT WIRE LINK BELTS Group 100



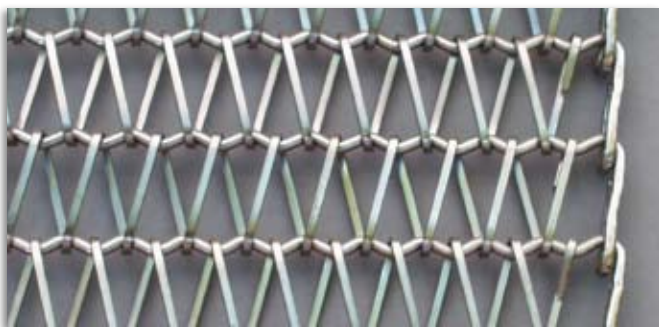
- Features** : Flat-wire spirals, densely braided in opposite senses; smooth or ribbed crossrods: looped or bent edges.
- Specification** : Spiral: 1.2x0.7 to 6x3 mm;
Crossrod: 1.4 bis 8 mm Ø
Crossrod pitch: 6 to 45 mm
- Width** : up to 5000 mm
- Materials** : Mild steel - plain, galvanised or tinned, MnS-steel, LS-steel, chrome steel, chrome nickel steel, yellow brass, phosphor bronze, heat-resistant special alloy steel qualities.
- Temperature** : from -100 °C up to +1200 °C
- Application** : Continuous furnaces for annealing, heat treatment and brazing; drying plants; general conveyor tasks with high tensile loads.

ROUND-WIRE LINK BELTS Group 200



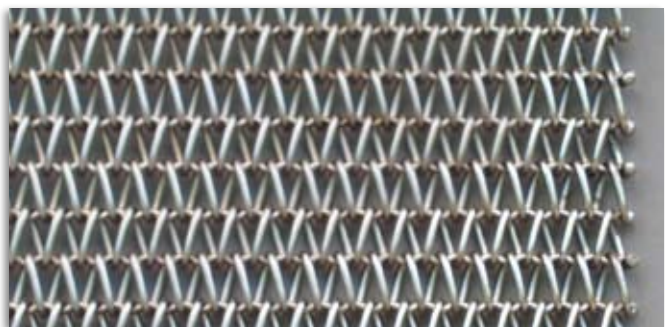
- Features** : Round-wire spirals, densely braided in opposite senses; smooth or ribbed crossrods: looped or bent edges.
- Specification** : Spiral: 0.8 to 5 mm Ø;
Crossrod: 1.6 to 7 mm Ø
Crossrod pitch: 8 to 52 mm
- Width** : up to 5000 mm
- Materials** : as group 100
- Temperature** : from -100 °C up to +1200 °C
- Application** : Continuous furnaces for annealing, heat treatment and brazing; drying plants; conveyance of casings, elevator belts, lifting belts.

BRAIDED LINK BELTS Group 300



- Features** : Flat-wire spirals, widely braided in opposite senses; corrugated crossrods: looped or bent edges or welded K-type edges
- Specification** : Spiral: 1.0x0.7 to 6x3 mm;
Crossrod: 1.2 to 8 mm Ø
Spiral wire pitch: 3 to 33 mm,
Crossrod pitch: 4 to 43 mm
- Width** : up to 6000 mm
- Materials** : as group 100
- Temperature** : from -100 °C up to +800 °C
- Application** : Glass annealing furnaces, baking ovens, roasting kilns, briquet cooling, veneer and cardboard driers.

BRAIDED LINK BELTS Group 400



- Features** : Round-wire spirals, widely braided in opposite senses; corrugated crossrods: looped or bent edges or welded K-type edges.
- Specification** : Spiral: 0.71 to 5 mm Ø;
Crossrod: 1.2 to 8 mm Ø
Spiral wire pitch: 2 to 50 mm,
Crossrod pitch: 3.4 to 80 mm
- Width** : up to 6000 mm
- Materials** : as group 100
- Temperature** : from -100 °C up to +800 °C
- Application** : Veneer driers, baking ovens, roasting kilns, glass annealing furnaces for round-glass and pressed glass, briquet cooling, deep freezing installations.

Wire Mesh Conveyor Belts, Group 500 - 700

BRAIDED WIRE BELTS Group 500/550



- Features** : Round-wire spirals, flat oval (500) resp. round (550) spiral shape, made from parts braided in opposite senses; normal S-type edge or single resp. multipressed edges.
- Specification** : Spiral group 500: 0.9 to 5 mm Ø ,
Spiral group 550: 0.71 to 1.25 mm Ø
Mesh openings: Group 500: 3 to 25 mm,
Group 550: 1.5 to 3 mm
- Width** : Group 500: up to 5500 mm,
Group 550: up to 3000 mm
- Materials** : Mild steel - plain, galvanised or tinned, MnS-steel, chrome steel, chrome nickel steel, phosphor bronze, yellow brass
- Application** : For conveying of light weight products such as cell wool, tobacco, glass wadding; for annealing, cooling, baking and roasting applications, sugar confectionary, vermicelly drying, match factories.

WOVEN ROD BAR BELTS Group 600



- Features** : Smooth crossrods, interconnected by means of wire healds, cut edges, also with reinforcement.
- Specification** : Crossrod: 1.25 to 3.15 mm Ø
Mesh opening: 1 to 8 mm
- Width** : up to 3300 mm
- Materials** : Crossrods: Mild steel - plain, galvanised or tinned, chrome steel, chrome nickel steel;
Healds: cast steel wire, galvanised or tinned
- Temperature** : max. 400 °C
- Application** : Conveying and drying light weight goods such as soap slices, green fodder, tobacco, vegetables, potatoes, fibres, hops, raisins, etc.

WOVEN ROD BAR BELTS Group 650



- Features** : Corrugated crossrods, interconnected by means of healds; cut edges
- Specification** : Crossrod: 1.25 to 1.6 mm Ø
Mesh opening: 0.25 to 1.3 mm
- Width** : up to 2500 mm
- Materials** : as group 600
- Temperature** : max. 400 °C
- Application** : as group 600

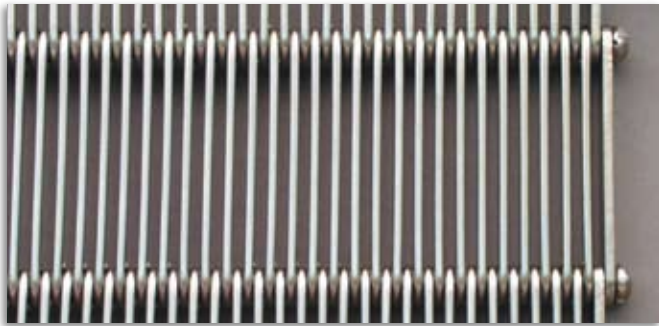
BRAIDED ROD BELTS Group 700



- Features** : Crossrods from crimped thin round wires, bent at right angles and hooked; with or without sprocketed edge as rim reinforcement and guide in a toothed drum.
- Specification** : Crossrod: 0.9 to 3.2 mm Ø
Wire pitch: 3.8 to 20 mm
Width pitch: 19 to 200 mm
- Width** : up to 2500 mm
- Materials** : Mild steel - plain, galvanised or tinned, spring steel wire to EN 10270-1, chrome steel, chrome nickel steel, special qualities on demand
- Temperature** : from -100 °C up to +400 °C
- Application** : For light weight conveying only, as coating grid for chocolate, sugar confectionary, biscuits.

Wire Mesh Conveyor Belts, Group 800 - 1000

WIRE EYELET LINK BELTS Group 800



- Features** : Double eyelet links from round or flat wire; crossrods from smooth round wire; edges welded, brazed, riveted or bolted.
- Specification** : Eyelet link: 1.4 to 4.0 mm;
Crossrod: 4.2 to 7.1 mm Ø
Slot width: 0.8 to 50 mm
Crossrod pitch: 19 to 80 mm
- Width** : up to 5500 mm
- Materials** : Mild steel - plain, galvanised or tinned, MnS-steel, chrome steel, chrome nickel steel, yellow brass, phosphor bronze.
- Application** : For drying-, cooling-, washing- and dewatering-installations, to convey chocolate, sweets, preserves, in the beverage industry and filter installations.

CROSSROD BELTS Group 900 (positively guided)



- Features** : Belts from rigid, straight crossrods, heavy execution, guided with lateral side chains, with or without filter fabric of groups 100 - 800.
- Specification** : Crossrod: 3.2 bis 20 mm Ø,
Chain pitch: 12.7 to 101.6 mm
Crossrod pitch: 5.0 to 50.8 mm
- Width** : up to 2000 mm
- Materials** : Mild steel - plain, galvanised or tinned, spring steel wire to EN 10270-1, chrome steel, chrome nickel steel; other qualities on demand.
- Temperature** : from -100 °C up to +400 °C
- Accessories** : Guide chains, rollers, etc.
- Application** : Transport of medium to heavy weight goods, washing, cooling, drying.

CROSSROD BELTS Group 900 (partially guided)



- Features** : Belts from straight crossrods, partially guided with lateral side chains, light execution, with or without filter fabric of groups 100 - 800.
- Specification** : Crossrods: 3.2 to 8 mm Ø,
Chain pitch: 12.7 to 101.6 mm
Crossrod pitch: 5.0 to 50.8 mm
- Width** : up to 1500 mm
- Materials** : as group 900 (positively guided)
- Temperature** : max. 400 °C
- Application** : Transport of light to medium weight goods, for washing, cooling, drying.

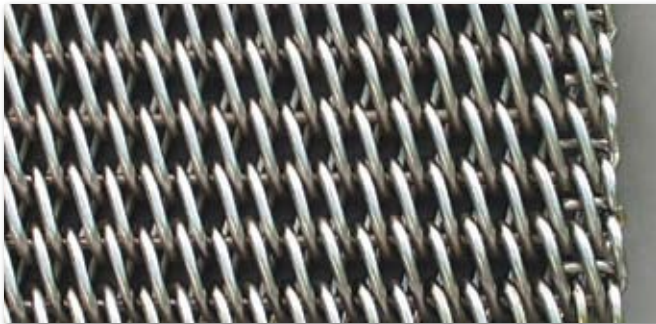
HONEYCOMB BELTS Group 1000



- Features** : Horizontal trapezoidally corrugated honey-comb elements with smooth crossrods; welded, bent or brazed edges.
- Specification** : Honeycomb lateral pitch: 31 to 43.5 mm,
Honeycomb longitudinal pitch: 25 to 30 mm
Sheet sizes: 10x1.2; 12x1.2; 15x1.5 mm
Crossrods: 2,5 mm to 5 mm Ø
- Width** : up to 5000 mm
- Materials** : Mild steel - plain or galvanised, chrome steel, chrome nickel steel
- Temperature** : max. 400 °C
- Application** : Conveying, washing, cooling.

Wire Mesh Conveyor Belts, Group 800 - 1000

DOUBLE SPIRALS BELTS Group 1100



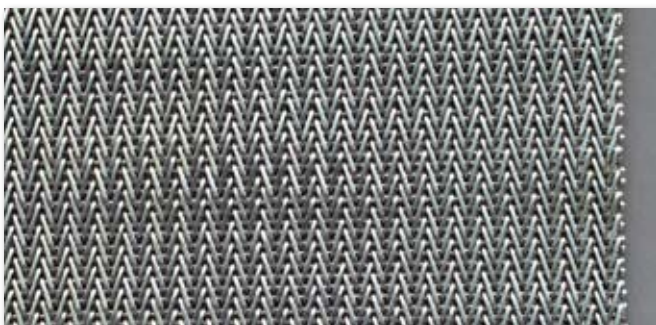
- Features** : Round-wire spirals of group 500, double inserted with additional smooth crossrods, dense execution, one-sided braiding pattern and welded K-type edge.
- Specification** : Spiral: 1 to 4.5 mm Ø;
Crossrod: 1.2 bis 3.2 mm Ø
Spiral pitch: 2.5 to 11 mm,
Crossrod pitch: 3.3 to 20 mm
- Width** : up to 1000 mm
- Materials** : Mild steel - plain, galvanised or tinned, chrome steel, chrome nickel steel, heat-resisting steel qualities.
- Temperature** : max. 800 °C
- Application** : Dry baked goods, cookies, biscuits, drying kilns.

SINGLE SPIRAL BELTS Group 1300



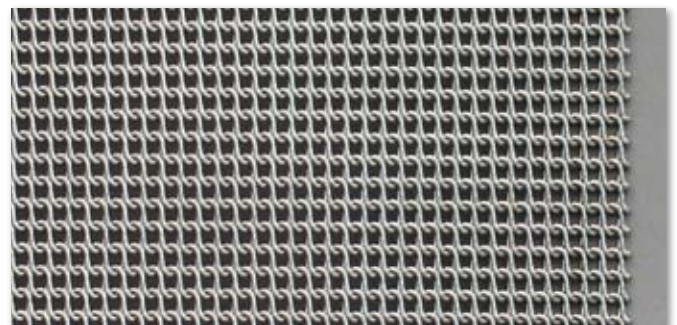
- Features** : Round-wire spirals of group 400, braided as group 500, one-sided single insertion, with additional smooth crossrods, open execution, with connection edge, spiral pressed; crossrods welded to spirals.
- Specification** : Spiral: 0.8 to 3.2 mm Ø;
Crossrod: 0.8 to 4.5 mm Ø
Spiral pitch: 3.5 to 22 mm,
Crossrod pitch: 1.8 bis 22 mm
- Width** : up to 1500 mm
- Materials** : as group 1100
- Temperature** : max. 1200 °C
- Application** : Continuous furnaces for annealing, heat treatment and brazing etc.; drying kilns, cooling ovens.

TRIPLE SPIRALS BELTS (V-Belt) Group 3000



- Features** : Flat-wire spirals of groups 300 and 400, triple inserted, with smooth crossrods, very dense execution, plain surface; welded edges.
- Specification** : Spiral: as groups 300 / 400
Crossrod: as groups 300 / 400
Spiral pitch: as groups 300 / 400
Crossrod pitch: as groups 300 / 400
- Width** : up to 3000 mm
- Materials** : Mild steel - plain or galvanized, chrome steel, chrome nickel steel
- Temperature** : max. 1200 °C
- Application** : Conveying granulates, chocolates, biscuits, sweets, light steel semi products.

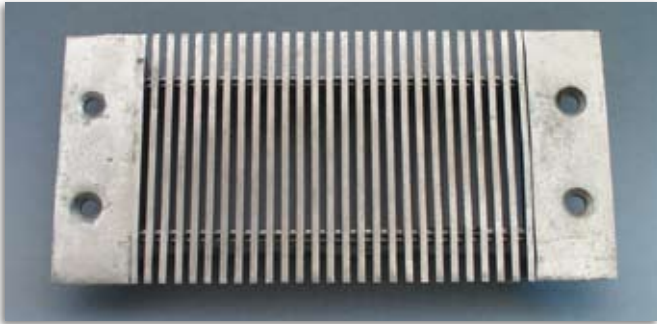
ROLLED BAKING OVEN BELTS Group 4000



- Features** : Round-wire spirals as group 500, rolled, small overall height, flat surfaces, welded K-type edges.
- Specification** : Spiral: 0.8 to 1.5 mm Ø
Belt thickness: 1.6 to 3.1 mm
- Width** : up to 1500 mm
- Materials** : Mild steel (plain), chrome nickel steel
- Temperature** : max. 400 °C
- Application** : Dry baked goods as biscuits, gingerbread and cookies.

Special Belt Designs

OPTIMA-PANEL BELTS Group 200



- Features** : Panels made of welded wedge wire and cross-rods reinforced according to load and suitable for fixing to hook strap chains.
- Width** : up to 3000 mm
- Materials** : Mild steel - plain or galvanized, chrome nickel steel
- Temperature** : from -100 °C up to +400 °C
- Application** : Drying of glass wool, porous clay etc., manufacture of insulation sheets.

WIRE MESH CONVEYOR BELTS (partially guided)

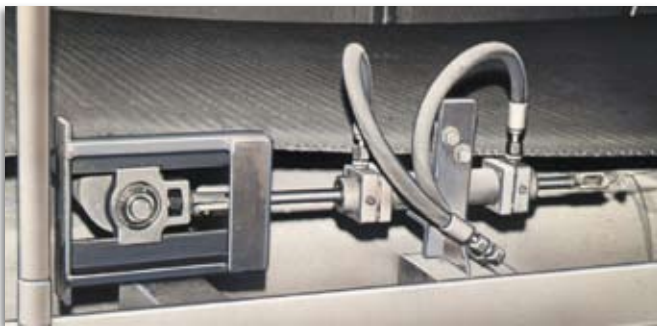


- Features** : Partly guided, with toothed wheels and lateral edge strips, giving a troughability in cross direction.
- Application** : Band filter installations

For all types of wire mesh conveyor belts there are individual catalogues available on request.

Belt Tracking Device

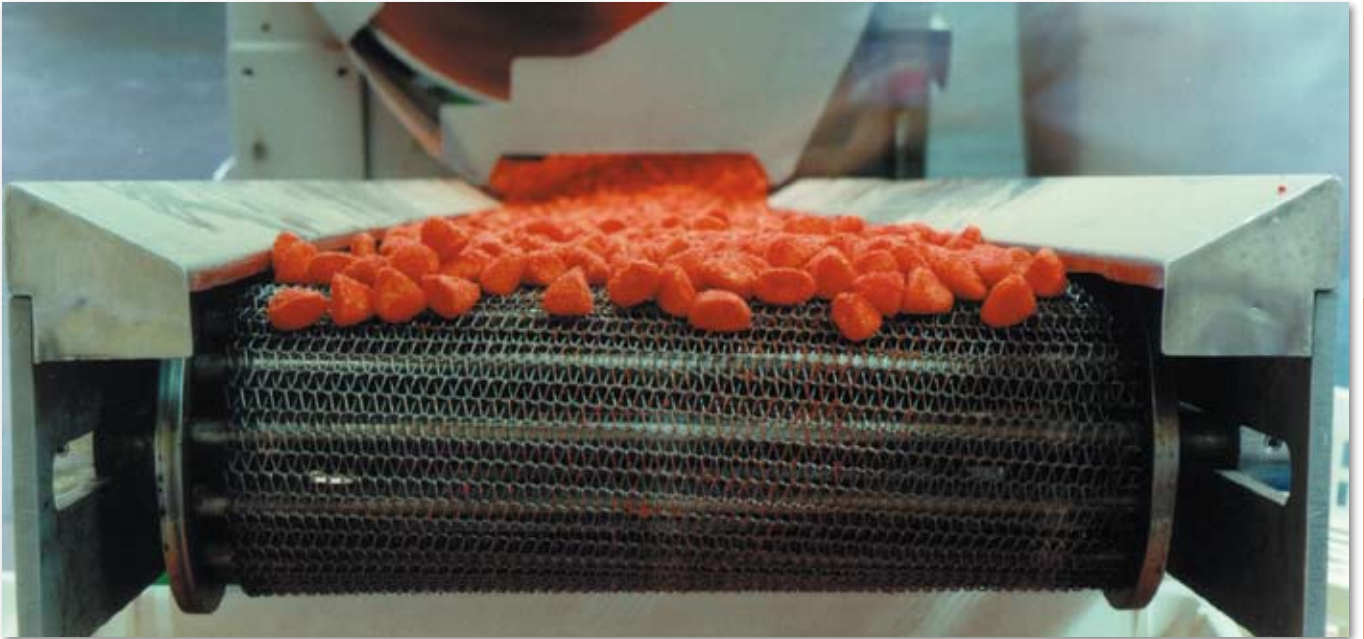
ELHYDRA - BELT TRACKING DEVICE



- Fully automatically operating, electronic/hydraulic belt tracking device.
- Prevents wandering of free running belts and therefore damage to belt edges by touching the oven sides.
- Perfect straight running of belts with a minimum variation, allows full use of the whole belt width.

The information and illustrations in this product information are non-binding and only represent an approximate description. The properties are not guaranteed.

Progress with Tradition



STEINHAUS GMBH is a forward looking group of companies employing more than 1.500 people in worldwide activities.

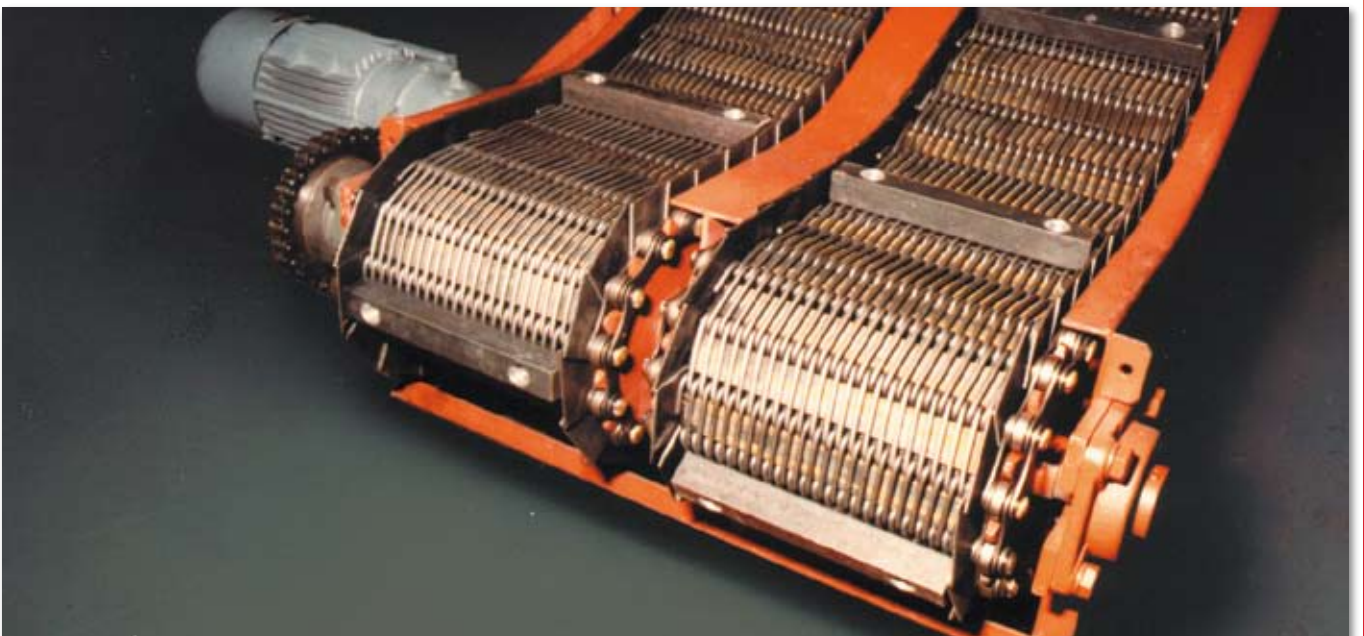
Modern workshop facilities and production methods and our own research division are backed by a team of dedicated salesmen and engineers.

This combined with numerous national and international partners are our guarantee for reliable, quality products and expertly advise.

STEINHAUS wire mesh belts are available in many executions. They are, with few exceptions, made of metal wires and rods.

Wire belts offer a reasonable solution for the transport of mass products, particularly if they have to be treated at the same time, such as washing, spraying, drying, cooling, heating, sandblasting, paint spraying and many more.

They are able to withstand higher mechanical, chemical and particularly thermal impacts than belts of rubber, plastics and textiles and are therefore superior.





Screen Panels

Screen panels made of steel and polyurethane, system screen segments, wire cloth, perforated plates



Slotted Screen Panels

Slotted screen panels made of wear resistant, alloyed, corrosion resistant steel grades, with and without reinforcement, in welded and looped execution.



Wire Conveyor Belts

Wire conveyor belts, woven and braided, belt tracking device



Filter Media

Filter cloth, hoses, bags made of textile fibres, form filters and filter fabrics made of metals and synthetics, high precision filter tubes

