

State-of-the-art Shoe press belt technology

yamabelt.

SUITABLE FOR
ANY TYPE OF
SHOE PRESSES



Heimbach – wherever paper is made.



Yamabelt. product specifications at a glance

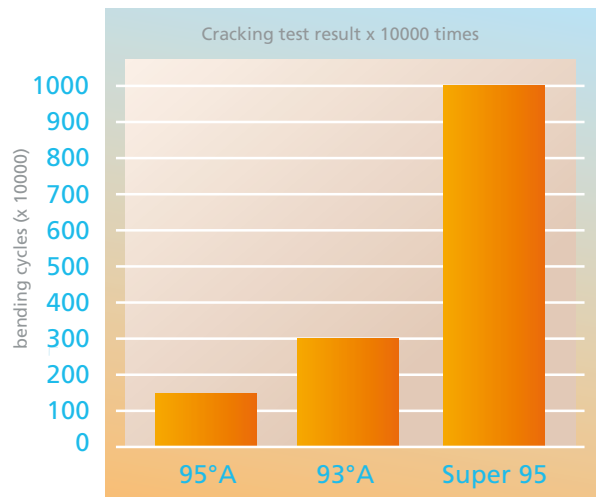
As a solely appointed representative of Yamauchi shoe press belts in Europe, Middle East and parts of Asia, Heimbach offers you a wide variety of belt designs suitable to run in any shoe press position.

Yamabelt. is made of a three layer multifilament base element fully embedded in advanced polyurethane (PUR), which has a substantial higher wear resistance and mechanical strength than any other conventional PUR.

Over the last few years, Yamauchi focused on researching of a new advanced PUR material to gain further mechanical resilience and higher life potential of Yamabelt. As a result, Yamauchi developed the state-of-the-art "SUPER 95" PUR material:

"Super 95" advantages:

- excellent mechanical wear resistance
- optimised groove shape stability
- higher void volume retention
- improved chemical resistance
- enhanced mechanical resilience to prevent cracking and chipping



Main Specifications

Inner Diameter:	1100 – 2020 mm
Belt Width:	up to 13 m
Caliper:	approx. 5 mm
Material:	Advanced PUR (hardness 90 to 95°; shore A)



Standard Designs

Standard grooved design:

Caliper: approx. 5 mm

Hardness: Top Side: 95°
Shoe Side: 90° – 93°



Standard grooved design

Plain design:

Caliper: approx. 4 mm

Hardness: Top Side: 90°
Shoe Side: 90° – 93°



Standard plain design

Yamabelt. – State-of-the-art technology

With its long and profound experience as roll cover and shoe press belt manufacturer, Yamauchi has developed a sophisticated grooving technology to ensure high and even dewatering as well as excellent void volume retention.

Variety of groove designs

Yamauchi developed a wide variety of groove designs in order to apply the most efficient belt design for every individual shoe press position. The standard grooved SG-Type for example is mainly applied for backsplash sensitive positions. The interrupted groove design (UR-Type and SR-Type) provides an alternative option to reduce nip rejection.

In addition to the basic designs, Yamabelt. can be furnished with special radius-bevelled shaped grooves (SRR-Type and URR-Type) or the well-proven chamfer-bevelled shaped grooves (URC-Type) according to individual position related demand.



Continuous groove design



Interrupted groove design

Special design advantages

- Higher cracking resistance
- Low chipping tendency
- High dimensional stability
- Stable production conditions
- Improved dewatering capacity

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