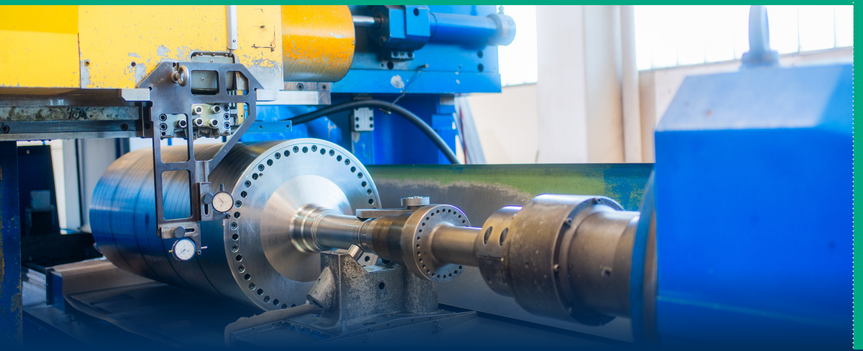
Made in-house

One roll.
Full attention.



The corrugating roll is the heart of every corrugator, and all our machinery is built around it.

Since 1992, we have manufactured and reconditioned corrugating rolls in what is now Föritztal, from hardening to fine polishing, all in-house. A roll stays under one roof, with the same people, until it is to size.

This is how we hold tolerances that would otherwise stack up across multiple suppliers. And it is why development, production, reconditioning and coating all fall under a single scope of certification to DIN EN ISO 9001:2015.

Nothing we deliver is off the shelf: material, flute profile and application determine the design.

100,000,000
linear metres of board

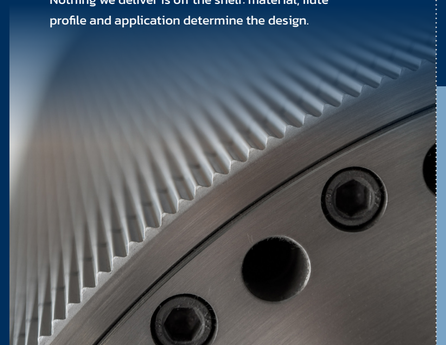
produced trouble-free on rolls from our production

140,000
flute profiles

each one designed and approved for use

104
single facer types

that is how many different models we know from hands-on experience



After delivery

We come to your plant.

Installation and commissioning
On-site installation, inspection and start-up by our own service technicians.

Reconditioning and repair
Profile grinding, repair and recoating instead of a new roll.

On site worldwide
International network of technical sales partners

Our work doesn't end at delivery. We send our own service technicians worldwide. They install the rolls on site, inspect your existing rolls and specialise in roll changes on all common single facers, from AGNATI and BHS through FOSBER and MARTIN to PETERS and TCY.

Once the profile is worn, we recondition the roll: analyse the wear, strip the coating, repair any damage as agreed, regrind the profile, recoat, inspect.

FRIESE

FRIESE GmbH
Gewerbegebiet 3, 96524 Föritztal
OT Mupperg / Germany

Send us your machine type, flute type and working width. That is all we need for an initial proposal.

Phone +49 36761 577-0
sales@friese-rockwelle.de

Growing Together
Through Innovation.



MADE IN GERMANY

Corrugating rolls for millions of metres of board.

Every box has a beginning.

Before it protects goods.
Before it carries a brand message.
Before it reaches a customer.

And it all starts with FRIESE corrugating rolls.

More information at:
WWW.FRIESE-ROCKWELLE.DE

FRIESE



Our core product

Corrugating rolls for your line.

A corrugating roll turns flat paper into the flute that gives corrugated board its stiffness.



The roll's geometry determines how much paper you use, its surface how long it stays that way.

That is why we start with measurement, not manufacturing. With PACE (Profile Analysis and Comparison Estimate), we compare your existing profile with a proposal for a new one. You get the comparison and make the decision. We manufacture flute heights from 0.5 to 10 mm.

One more regrind.

In most cases, our rolls allow four regrinds instead of three over the life of a set, sometimes even five.

Caliper holds.

Profile and board quality are maintained until the end of the set's life.

Less vibration.

Adapted pitches and radii for a more stable process.

Lower costs.

Because the rolls last longer, you need less manpower and reduce the cost per linear metre produced.

FRIESE

Production and machinery

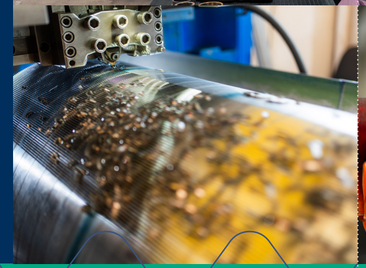
Twenty machines, one roll.

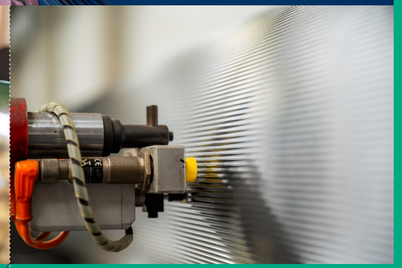
Six Waldrich Coburg profile grinding machines, lathes, heat treatment, gun drilling, hardening, coating and measuring: twenty machines for one roll, all in one place. No shipping to a contract coater, no deadline that depends on a supplier.

We use European steel exclusively, each roll made from an individually forged tube, with no core material. What is right at the start lasts until the last regrind.

FRIESE-ROCKWELLE.DE/COMPANY







ROCKPROFILE

Flute geometry designed by us. Using a diamond profile dressing roller, we build up the radius and flank in many individual dressing passes. That is why the number of possible profiles is unlimited, and an existing profile can be changed rather than just reground.

CCS and Thermogrooves

Longitudinal grooves collect the condensate, and a siphon guided by carbon bearings draws it off. The gap to the roll bottom is always 2 mm. No readjustment, no changes to your steam system, no maintenance.

FRIESE-ROCKWELLE.DE/TECHNOLOGY



Our technologies

Three in-house developments.

A corrugating roll affects paper consumption, line speed and downtime. We address all three.

ROCKWELLE®

Our tungsten carbide coating, applied by high-velocity oxy-fuel (HVOF) spraying in our own facility. We choose the coating for your roll based on the paper grades and the single facer you run.



What it delivers

The purchase price is the smaller number.

A corrugating roll costs you twice: when you buy it and while it runs. But only the purchase price appears on the quote. Two costs arise later, on your shop floor: waste at every restart and paper over the entire service life.

Start-up

Trouble-free from the first metre. Less waste and reduced downtime. With the right options, even waste-free after every stop.

Service life

Longest guaranteed service life on the market and savings of €50,000 to €300,000 through an optimised profile.