



Falling Film Plate Evaporators

Increase your plant capacity with customized solutions



Advantages of Resistant-Spot-Welded Heating Plates

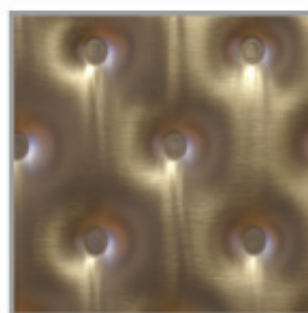
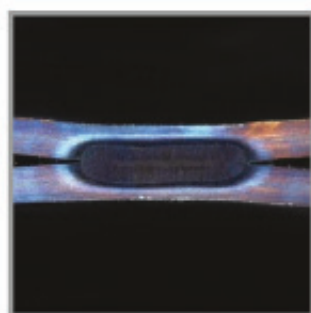
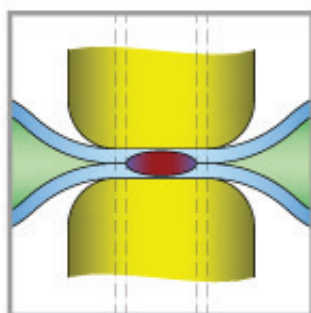
GIG Karasek is a *European manufacturer* of *high quality components* used in *evaporation plants* throughout the global *pulp and regenerated fibers industries*. GIG Karasek is the *leading manufacturer* of *resistant-spot-welded falling film plate evaporators*. GIG Karasek's *extensive experience* and *expertise over decades* using our *highly skilled technical engineers and technicians* to constantly further *develop the manufacturing processes*. This guarantees *outstanding quality* of our *products* and *safety of your plant*.

Benefits

- ☾ Plate durability demonstrated with *years of installation experience*
- ☾ Smooth plate surface *minimizes risk of fouling*
- ☾ *Material properties remain unchanged* at the spot welding surface *reducing the risk of corrosion*
- ☾ *No cold forming* within the weld-affected zone as a result of special equipment
- ☾ *Low pressure drop* due to maximum widening between plates (also with *duplex steel*)
- ☾ Minimal Risk for stress corrosion
- ☾ *Closed edge-welding* reduces wasted edges and *maximizes available heating surface*
- ☾ *Solid, durable welding seams* with *no gaps* at edges

Choice of Material

DIN	AISI	SS
1.4306	304L	2352
1.4307	304L	2352
1.4404	316L	2348
1.4432	316L	2343
1.4435	316L	2353
1.4436	316	2343
1.4462	318LN	2377
1.4539	904L	2562
1.4571	316Ti	2350



Your benefit with resistant spot welded heating plates:
Extreme long life, low risk for fouling and corrosion, outstanding quality

Technical Standards:

AD2000

EN 13445



Explore New Dimensions

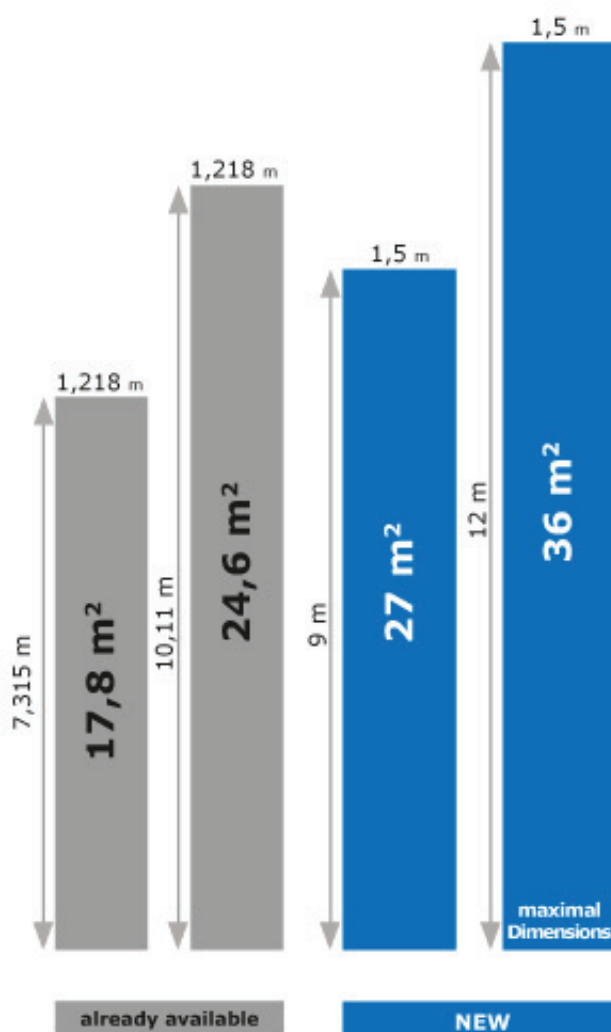
GIG Karasek **has expanded the size range for falling film plate evaporators** with new standard heating surface dimensions.

Now your **plant expansions and capacity increases** can be realized with **minimal effort and costs**.

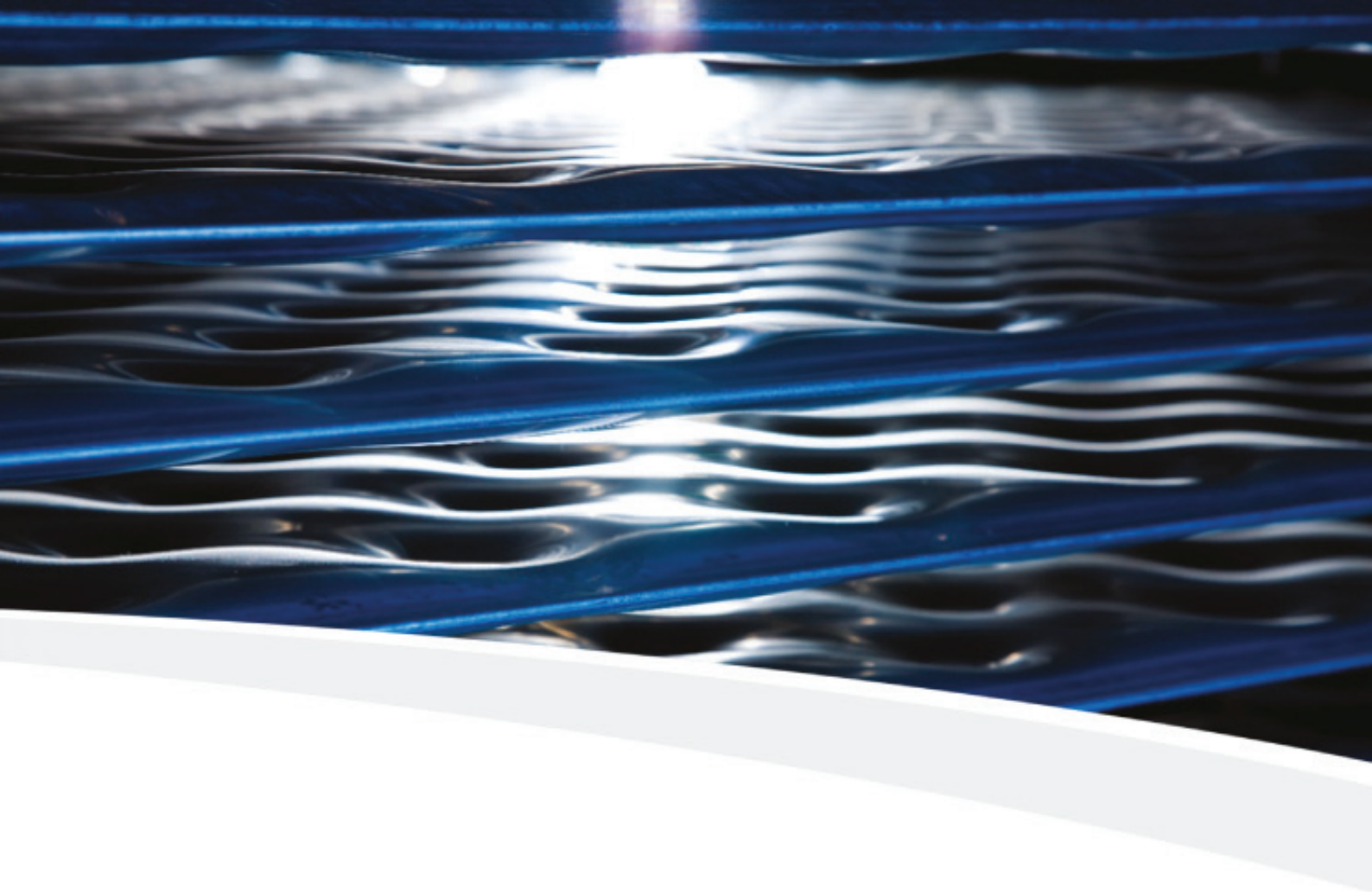
Your Benefits:

- Increased capacity with new size formats
- More design flexibility with new heating surface formats
- Any desired format up to the maximal dimensions of 1,5mx 12m is possible
- Design and dimension flexibility **reduces rebuild costs** by allowing **use of existing evaporator bodies**
- Reduced transport costs – Plate formats are shipped in **standard containers**
- Revamps can be realized with **minimal effort** and **short plant standstill times**

Standard Formats



The perfect design solution to **remove capacity constraints** or to **replace heating bundles** from existing evaporator plants



Increase your
Plant Capacity now!



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which aim higher*