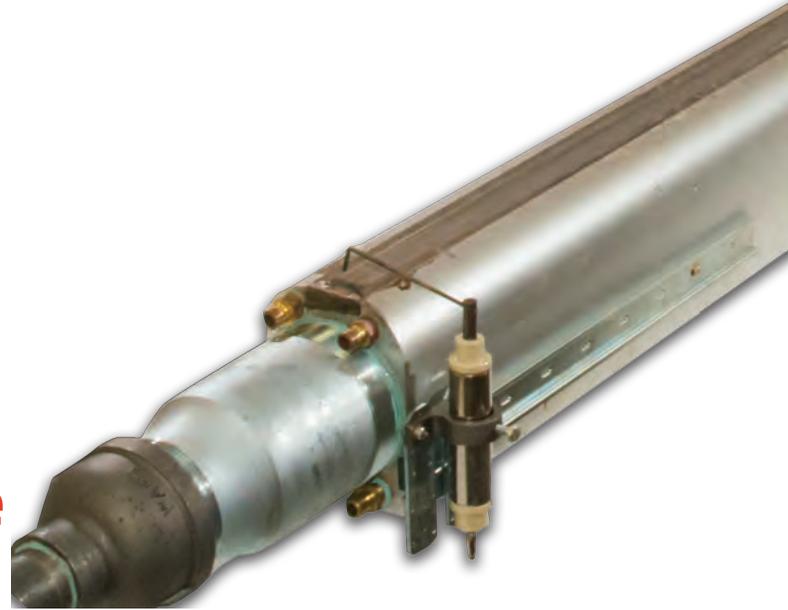


Capacity Range:
1,000 BTU/hr/in to 60,000 BTU/hr/in



ERB QuadCool™ Surface Modification Burner

Striation-Free Surface Treatment

The new QuadCool ribbon burner delivers best-in-class surface treatment of all substrates, producing a striation-free result. The burner features ERB's proven SheetFlame ribbon design that provides a uniform flame pattern across the entire width of the burner. It was developed specifically for applications where continuous level, direct flame is required and where any distortion of the flame pattern would be detrimental to the finish of the product. Because the SheetFlame ribbon is port-free there is no possibility of striations/lines occurring in the treated substrate, unlike with ported ribbons. The SheetFlame ribbon projects even, continuous energy across the whole substrate, permitting fast line speeds and uninterrupted productivity.

How It Works

More Energy Efficient, Plus Greater Throughput.

The ERB SheetFlame requires 30% less energy and increases throughput up to 100%. Customer tests indicate that a ¾" SheetFlame on the new QuadCool burner enabled 66% faster speeds than the same ribbon in a standard high capacity burner. Selas also offers a wider 1" and 1-1/4" SheetFlame ribbon pack, enabling dramatically increased speeds and throughput by virtue of increased energy transference.

Available Options:

- Quick disconnects on gas and water lines
- Deckling
- Auto deckling (coming soon)



Applications:

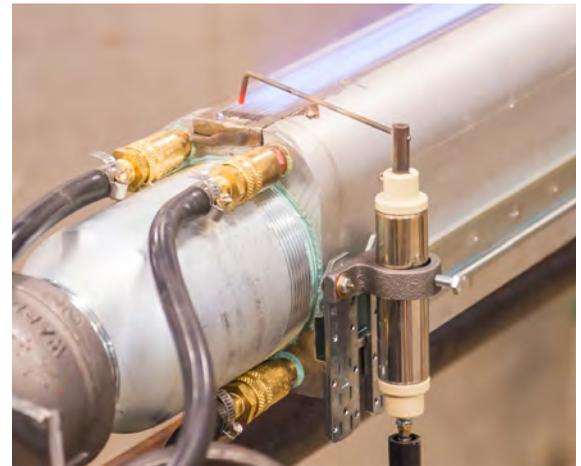
- Lamination
- Singeing
- Metal foil/
Decontamination
- Surface modification
- Linear 2D plastics
- Converting
- Preheating



Diverse Combustion Technologies. One Reliable Source.

Rugged Construction for Optimal Performance

The new ERB QuadCool surface modification burner features anodized aluminum construction with internal cooling tubes on 4 sides and flow in any direction. Heat deflection is minimized to an industry leading $<1/16''$, achieving near perfect parallel energy distribution across any substrate. QuadCool will remain parallel to all backup rolls to within $0.002''$, even during high temperature operation.



*Capacity Range: 1,000 BTU/hr/in
to 60,000 BTU/hr/in*

Engineered for Simple Retrofit, Replacement and Maintenance

Drop-in replacement ribbon packs make cleaning maintenance and BTU output changes fast and easy while the burner is still mounted on the machine. A wide variety of ribbon packs are available, making the QuadCool very versatile for any 2D application. With available quick disconnect water and fuel connections, removing the burner takes only seconds rather than minutes or hours. Manufactured from anodized aluminum, the QuadCool is available in any length up to 3.5m (140").



*Innovative port-free design
eliminates striation lines.*

Features

Internal Water Cooling on Four Sides of Burner

Anodized Aluminum Body

New "Drop-in" Ribbon Packs

Benefits

Keeps Burner Straight and Stable to $0.002''$

Easy Handling and Spray and Wipe Cleaning

Clean Design for Easy Efficient Maintenance

Uniform Heat Transfer

Quick Replacement and Cleaning



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