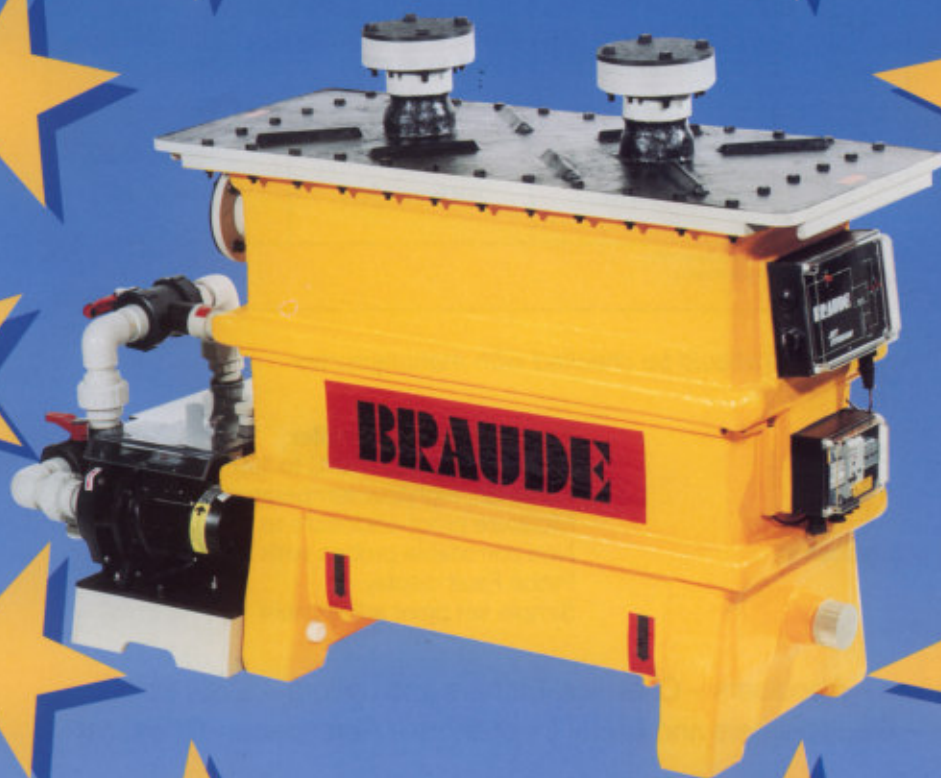


# BRAUDE

## ***JET STREAM***

**with dual pumps**

*External heating  
systems for  
highly corrosive  
solutions*



- **JET STREAM** is an all purpose heat exchanger and can be used for cooling purposes...
- Designed for heavy duty industrial pickling and all metal finishing applications
- Disturbances or cutouts in tank walls eliminated
- Permits complete, optimum and free use of tank
- Fully non-corrodable and ideal for heated Nitric/HF, HCL, Sulphuric, Chromic and most known corrosive solutions
- Simple to maintain — heating coil is protected from workload
- Excellent thermal efficiency and solution circulation
- Built-in temperature controller
- Steam, hot water, thermal fluid, electric
- Operating worldwide

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# BRAUDE Beats Corrosion

## JET STREAM

...is an external non-corrodable system designed for heating or cooling. Ideal for Nitric/HF, HCL, Sulphuric, Chromic and most known corrosive solutions.

## JET STREAM

...is a complete system comprising heating or cooling element, two pumps (one operational, one reserve) and controls, designed to occupy minimum floor space.

## JET STREAM

...is manufactured from high integrity materials throughout. Incorporates reinforced Celmar tank with flanged connections.

## JET STREAM

...is designed as an external system for process tanks or as an in line unit operating normally on saturated steam at 3-4 Bar (50 psig) for heating and 6-8 Bar (100 psig) for cooling at solution temperatures up to 100°C

model	nominal heat output*	overall dimensions (nominal)			
			length	width	height
601-610	20 - 200 kW	FS	1800mm (71")	510mm (20")	1070mm (42")
		SP	1200mm (47")	510mm (20")	1485mm (58")
910-920	200 - 400 kW	FS	2100mm (83")	510mm (20")	1255mm (49")
		SP	1500mm (60")	510mm (20")	1670mm (66")

FS = Flooded suction pump assembly  
SP = Self priming pump assembly

\*Based on saturated steam at 3-4 Bar (50 psig)

NB: All heat outputs are typical. Special requirements should be checked with manufacturers

### Pump Details

Flooded suction or self priming  
Single or three phase motor  
Flow up to 21 M<sup>3</sup>/hr  
Dual pumps facilitate cleaning and reduce maintenance downtime

### Temperature Controller

Operating Range -10°C to 100°C ± 1°C  
Pump on, high/low temperature indicators  
Moisture proof enclosure to IP 65  
Non corrodable probes with PRTD sensor  
Probe Fault display  
Simple set point adjustment

## BRAUDE

systems are used by Picklers – Anodisers – Chemical Etchers and Millers – Steel Strip, Tube and Wire Producers – Electroplaters and Metal Depositors – Aerospace – Chemical Plants – Glassworks.

## BRAUDE

also produce other non corrodable equipment for the Chemical, Metal Finishing, Metal Processing and Steel Industries in the UK and Overseas.

Impervio **NAUTILUS** tank and vessel heaters and coolers  
Impervio **POLARIS** electric immersion heaters  
**THERMASTER** thermostatic controllers  
**LEVELMASTER** Liquid level controllers

Chemical Pumps  
**FROGSPAWN** Thermal Insulation Blanket  
Process and Storage Tanks  
Fume Extraction installations

In the interests of continuous product development the Company reserves the right to alter specifications without prior notice.  
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