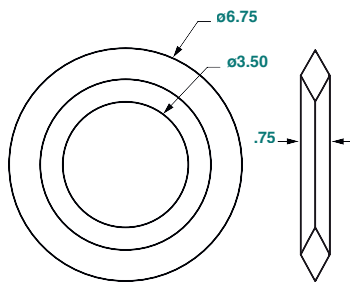


HEAT-X ROTARY KILN CHAIN

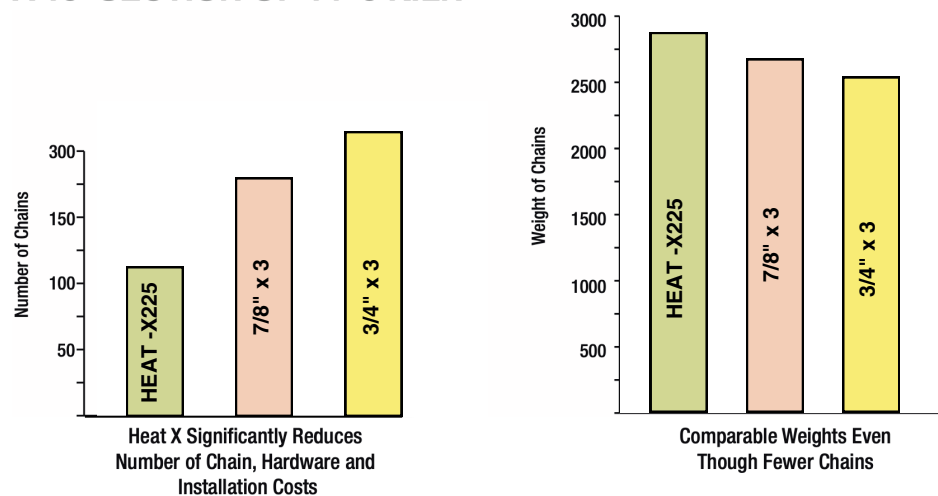
PATENTED TECHNOLOGY



HEAT-X225

	Heat-X225	3/4" x 3"	7/8" x 3"
in ² /ft	215.7	110.7	132.0
lb/ft	12.14	5.92	8.08
Links/ft	3.43	4	4

COMPARISON OF 10' CHAINS FOR A 2.5 FT²/FT³ DENSITY IN A 10' SECTION OF 14' Ø KILN



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JAMMB HEAT-X ROTARY KILN CHAIN

PATENTED TECHNOLOGY

Designation	Comparison	Temp Range	Application Area and Firing Source	Resistance to Sulphur	Carburization Resistance	Sigma Phase Res.
JBC 60	Carbon Steel	Up to 932°F (500°C)	Inlet Areas Gas, Oil, Coal Fired	Average	Poor > 500°C	Good
JBC-1600	9F, Ferritic	932°F - 1652°F (500°C - 900°C)	Mid Position Areas Oil and Gas Fired	Good	Good	Good
JBCA 18-18 Micro	304, Austenitic	932°F - 1652°F (500°C - 900°C)	Mid Ranged Areas Gas and Coal Fired	Below Average	Good	Good
JBCA 20-10 Micro	309, Austenitic	1472°F - 1922°F (800°C - 1050°C)	Mid to Burning Areas Gas and Coal Fired	Below Average	Excellent	Good
JBCA 1650	85MA, Aust/Mang	932°F - 1652°F (500°C - 900°C)	Radiation/Burning Areas Oil, Gas, Coal Fired	Good	Good	Average
JBCA-1675	105MA, Austenitic	1675°F (913°C)	Radiation/Burning Areas. Oil, Gas, Coal Fired	Good	Good	Good
JBCA 1750	115MA, Aust/Mang	1562°F - 1750°F (850°C - 954°C)	Radiation/Burning Areas Oil, Gas, Coal Fired	Excellent	Good	< 1382°F (750°C)
JBCA-1800CW	HH + CW, Aust/Mang	1600°F - 1800°F (871°C - 982°C)	Radiation/Burning Areas. Oil, Gas, Coal Fired	Good	Good	< 1100°F (596°C)

HEAT-X KILN CHAIN

JAMMBCO patented HEAT-X CHAIN SYSTEMS have many advantages over conventional round link chain.

- Reduced Dust Generation
- Increased Heat Transfer
- Increased Fuel Efficiency
- 100% more surface area per link
- 50% fewer rings compared to round
- Lower installation cost
- JAMMBCO exclusive Alloys

For your kiln operations, this means:

- Fuel savings
- Reduces hardware costs
- Reduces installation costs
- Improved kiln production
- Reduces dust recycle

As shown in the chart and graph, the “HEAT-X FACTOR” for JAMMB HEAT-X chain is higher than that of old style round chain.

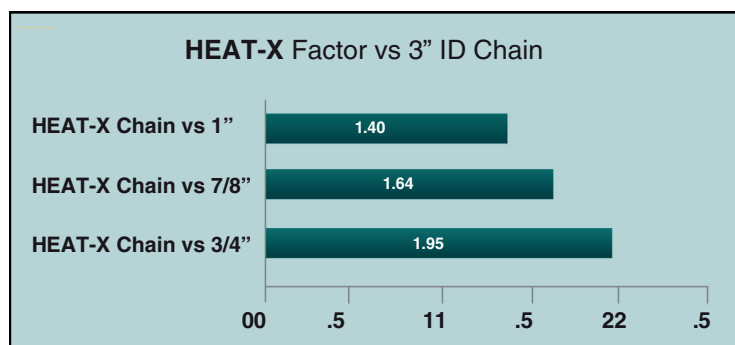
For example:

- 1 ft of HEAT-X Chain = 1.95 ft of 3/4” x 3”
- 1 ft of HEAT-X Chain = 1.64 ft of 7/8” x 3”
- 1 ft of HEAT-X Chain = 1.4 ft of 1” x 3”

In addition, HEAT-X dust generation can be expressed as the inverse of the “HEAT-X Factor” and thereby dramatically reducing your dust recycle.

For example:

- $1/1.95 = 51\%$ less dust, HEAT-X vs. 3/4” x 3”
- $1/1.64 = 61\%$ less dust, HEAT-X vs. 7/8” x 3”
- $1/1.4 = 71\%$ less dust, HEAT-X vs. 1” x 3”



	Weight/ft (lbs/ft)	Surface Area (ft ² /ft)
HEAT-X Chain	12.07	1.50
Style Round 3/4”	5.86	0.77
Style Round 7/8”	8.1	0.92
Style Round 1”	10.79	1.08

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