

## Alpha 1 Graphite Coating System

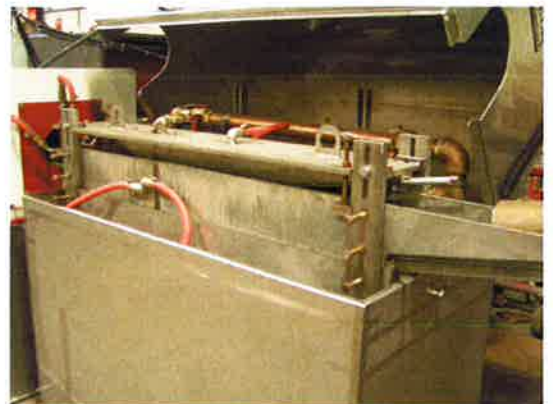
The Alpha 1 graphite coating system is one of the many standard products brought to the forging industry by the Inductotherm Group of companies. Alpha 1 specializes in the coils and material handling equipment required by today's forgers. This includes our step & rotary billet feeders, bin tipper, modular conveyors, fast extractors and billet reject systems.

### Benefits of Graphite Coated Billets

- Helps in the reduction of scale and oxidation of the billets.
- Provides additional lubrication between the die and the billet.
- Aids in the release of the formed part from the die cavity.

### Features of The Alpha 1 Graphite Coater

- Variety of in-feed drives available, pinch roll, tractor or cylinder.
- Provides continuous feeding of billets end to end on the diameter.
- Accepts billets up to 5.50" diameter x 15.50" long. Minimum length is 1.1 times the diameter
- Graphite tank is made of stainless steel.
- Lightweight aluminum cover with gas spring lift assist.
- Controlled preheat and spray to allow uniform coating.
- Billet guide rails with Alpha 1's exclusive wear resistant coating.
- Basic controls package with Allen-Bradley Micrologix PLC.
- System built on a common base.
- Utilizing Alpha 1's quality manufactured coils.
- Heavy duty pump for spray & tank agitation.
- Heat exchanger to remove excess heat in the graphite tank.



Coil to Graphite Tank Transition



Heavy Duty Pinch Roll In-Feed

See our coil flyer for more information on why Alpha 1 surpasses the competition in coil quality

For more information, call 614-253-8900 or visit us at [www.alpha1induction.com](http://www.alpha1induction.com)

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