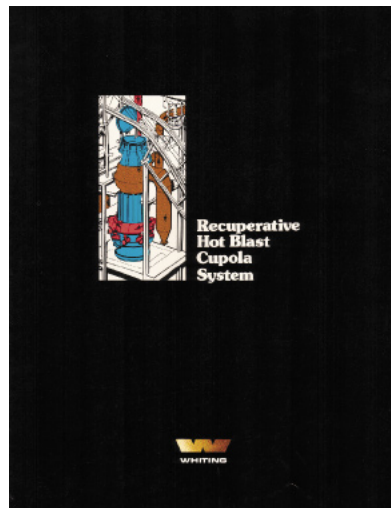




**Whiting Equipment Canada Inc.  
Recuperative Hot Blast Cupola System**

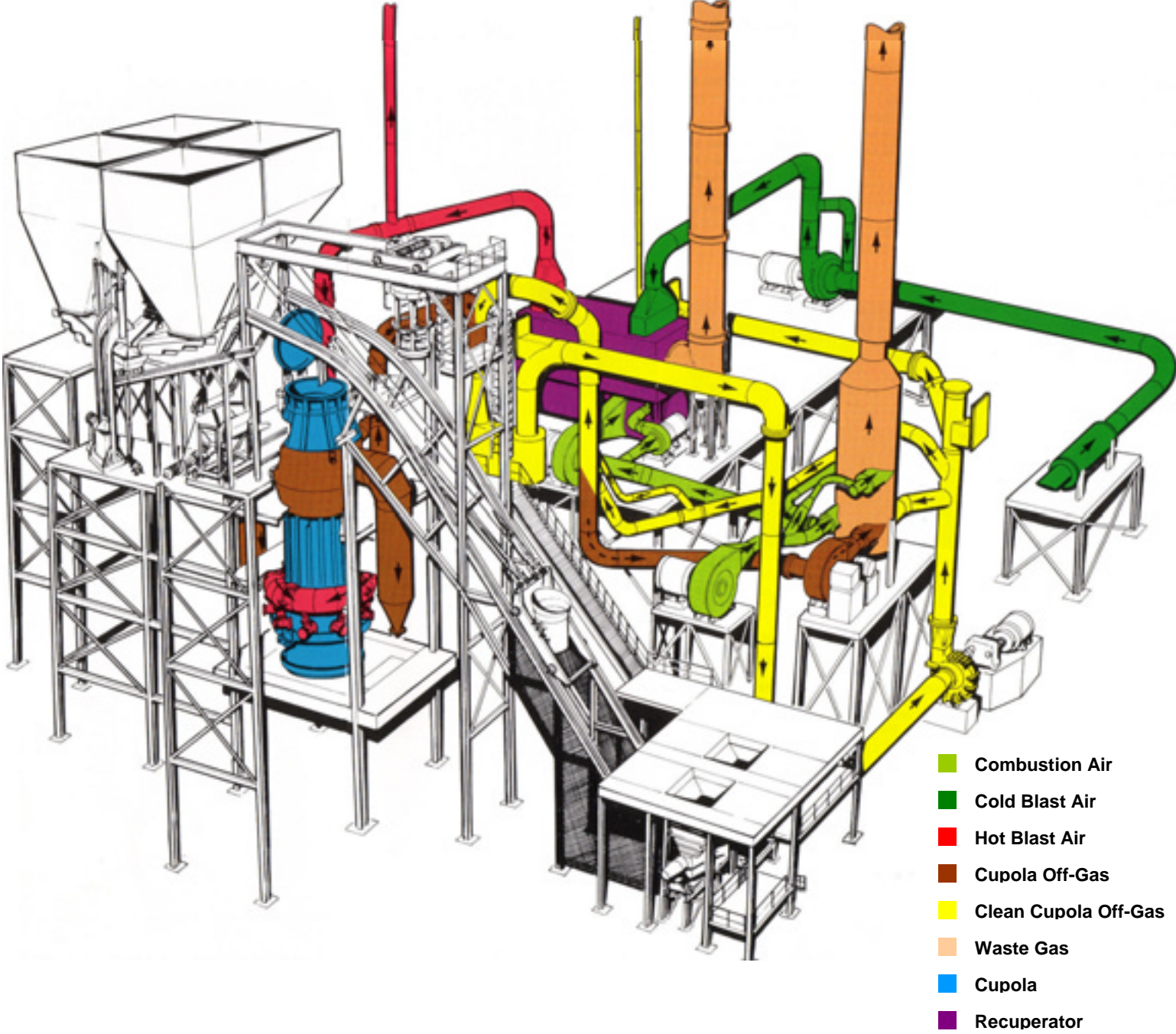
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# Whiting's Clean Gas Recuperative Hot Blast Cupola System

-- offers these important features:

- **TWIN BELOW-DOOR TAKE-OFF ELBOWS** minimize indraft of air and channeling of gases inside cupola.
- **UNIQUE OFF-GAS RECIRCULATING SYSTEM** for precision draft control at the take-off elbows.
- **FIXED THROAT STAINLESS STEEL HIGH-EFFICIENCY VENTURI SCRUBBER** without moving parts provides maximum reliability with minimum maintenance.
- **INTEGRAL AIR PURGE AND VENTING SYSTEM** rapidly evacuates cupola off-gases and continuously vents ductwork when blast air into cupola is stopped; eliminates need for flooded elbows.
- **1200°F HOT BLAST CAPACITY** using cleaned cupola off-gas as primary fuel.
- **LONG RECUPERATOR TUBE LIFE** comparable to conventional externally fired heaters.
- **WATER COOLED CHARGING HOPPER** for top charging without need for upper stack.
- **DWELL CHAMBER** burns excess cleaned cupola off-gas and eliminates CO emissions. If desired, excess gas can be used as auxiliary fuel for other heating requirements.
- **LOW ENERGY CONSUMPTION** per ton of molten metal produced.
- **CUPOLA CAP** for closing top of cupola during burndown operation.



- **Rail/Rapid Transit Maintenance Equipment** car progression and repair systems, turntables, washers, jacks
- **Chemical Process Equipment** including Swenson evaporators, crystallizers, dryers
- **Metallurgical Equipment** complete melt shop equipment from Electric arc furnaces to ladles
- **Material Handling** light to heavy duty cranes, roller, Belt and telescopic conveyors
- **Trackmobile®** bi-modal transport system providing an efficient and economical means of switching railcars within industrial plants and railroad terminals.

## Whiting Equipment Canada Inc.



[www.whiting.ca](http://www.whiting.ca)

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