

# TUYERE STOCK

## ENERGY SAVING

## PATENTED DESIGN



**VCL** Valve  
Competence  
Luxembourg

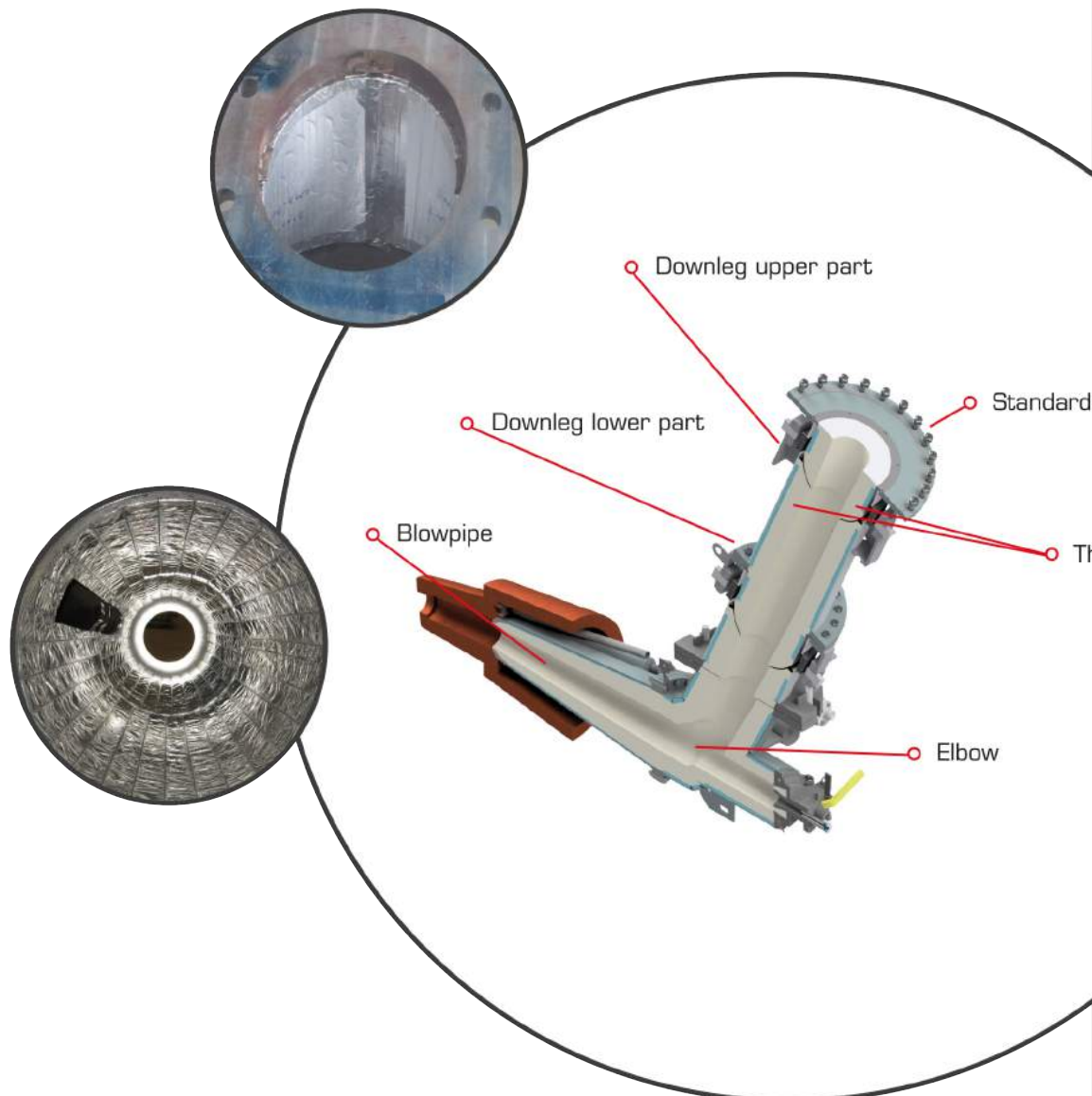
JV of Paul Wurth &  [www.sab.lu](http://www.sab.lu)

## DESIGN FEATURES OF TUYERE STOCK

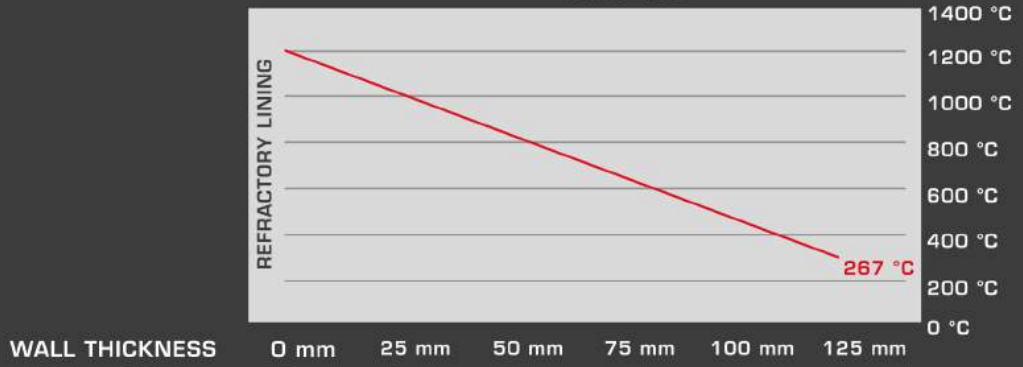
- Minimizing of heat loss of process temperature due to optimized thermal insulation (Thermoblocker)
- Pressure rating up to 6 bar.
- Service temperatures up to 1550°C.
- Nominal sizes up to 600 mm (24 inch).

## THIS DESIGN GUARANTEES

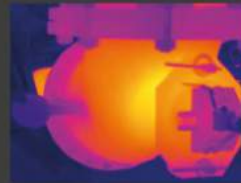
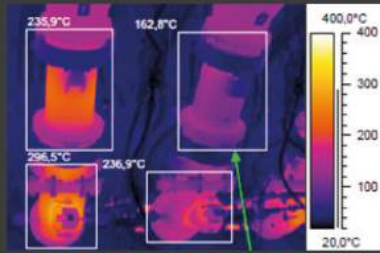
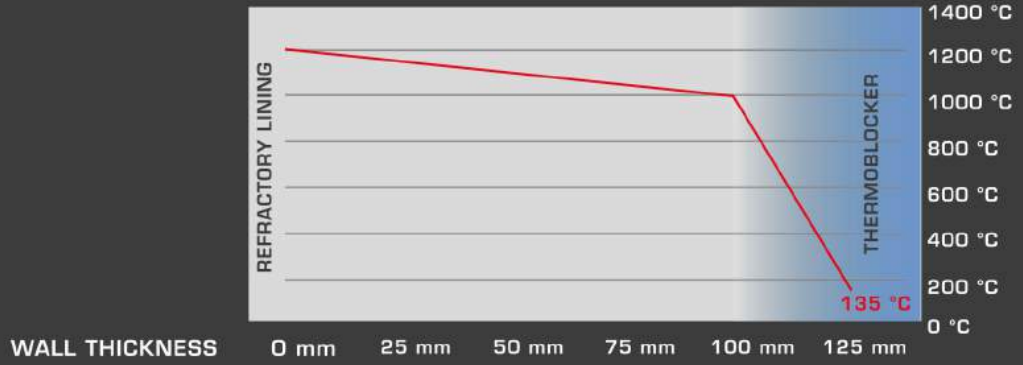
- Extended operational life of the Tuyere stock due to thermal insulation which reduce the thermal stresses.
- Reduced operating costs due to decreased heat loss of process temperature
- Increased safety due to reduced surface temperature



### CLASSIC



### ENERGY SAVING



CLASSIC  
300°C



ENERGY SAVING  
150°C

refractory

thermal isolation



4.000 t COKE

CO<sup>2</sup> 12.000 t

YEARLY SAVINGS  
UP TO

\*1.000.000 €

Individual cost saving calculation can be done upon request.  
\*Savings depending on size of BF, coke price and CO<sub>2</sub> emission cost

## VCL PRODUCT RANGE

Lever Valves



Google Valves  
Lateral and swing type



Double Eccentric Valves



Butterfly and Louver Valves



Dust Outlet Valves



Hot Blast Valves (Energy Saving)



Tuyere Stocks (Energy Saving)



Double Plate Wedge Gate Valves



## ADDITIONAL PRODUCTS

Push Lever Valves, Snort Valves, Bleeder Valves, Equalizing & Relief Valves,  
Back Draft Valves, Non Return Valves, Line Blinds

## ADDITIONAL SERVICES

Repair Service, Refurbishment and Modifications,  
Spare parts for each kind and brand of Valves



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