

RELIABILITY AT WORK

**AICHELIN**  
Heat Treatment Systems

## Vertical Pit Furnace



For Heat Treatment of Large Parts



**WIN**

WIN GROUP



**Indonesia Headquarters**

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## ► Technical Data

Type	Effective Diameter	Effective depth
VBE 53/63	53"	63"
VBE 53/78	53"	78"
VBE 53/86	53"	86"
VBE 53/100	53"	100"

Type	Effective Diameter	Effective depth
VBE 63/63	63"	63"
VBE 63/78	63"	78"
VBE 63/86	63"	86"
VBE 63/100	63"	100"
VBE 63/216	63"	216"

Type	Effective Diameter	Effective depth
VBE 71/78	71"	78"
VBE 71/86	71"	86"
VBE 71/100	71"	100"
VBE 71/110	71"	110"

Type	Effective Diameter	Effective depth
VBE 80/78	80"	78"
VBE 80/86	80"	86"
VBE 80/100	80"	100"
VBE 80/120	80"	120"

Type	Effective Diameter	Effective depth
VBE 90/78	90"	78"
VBE 90/86	90"	86"
VBE 90/90	90"	90"
VBE 90/100	90"	100"

Type	Effective Diameter	Effective depth
VBE 98/98	98"	98"
VBE 98/100	98"	100"
VBE 98/120	98"	120"

Special Dimensions on Request

## ► Applications:

- Gas carburizing
- Carbonitriding
- Gas nitriding
- Nitrocarburizing
- Brazing
- Hardening and Tempering
- Annealing Processes

Heat Resistant Pit Furnace Retort



A Pit Retort Furnace Line may consist of a Vertical Carburizing Furnace, Oil or Salt Quench Tank, Alkaline Washing Machine and High or Low Temperature Tempering Furnace

## ► Customer's Advantage

- High quality heat treatment
- Completely reproducible heat treatment processes
- Fully automatic process guidance
- Plant technology is extendable and connectable

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