

# AICHELIN

Heat Treatment Systems

## Standard-Line

The low cost series with superior components

## Individual-Line

Powerful and worth every Cent

## Evolution-Line

Fits into EVERY existing chamber furnace plant



# AICHELIN

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RELIABILITY AT WORK

[www.aichelin.com](http://www.aichelin.com)



# Multi Purpose Chamber Furnace Line

## Standard-L ine

size <sup>*1</sup>	size of the charges WxLxH in mm	gross charge max. kg
500 (3)	600 x 1100 x 650	650
800 (4/2)	700 x 1300 x 850	1200
1100 (5/2)	900 x 1500 x 850	1500
XXL (5/3)	900 x 1500 x 1300	1800

Possible modes of heat treatment:

For example:

- gas carburizing
  - with direct quenching
  - with intermediate cooling
  - with charge cooling under protective gas
- re-carburizing
- carbonitriding
- NITROC<sup>®</sup> - nitrocarburizing
- nitriding
- hardening in oil or salt
- normalizing
- annealing
- tempering



## Evolution-L ine

For example :

size	size of the charges WxLxH in mm	gross charge max. kg
300	610 x 910 x 610(460)	650
500	760 x 1220 x 510	1000
600	760 x 1220 x 610	1000
800	760 x 1220 x 760	1200
800	910 x 1220 x 760(610)	1200
1000	910 x 1220 x 910	1500
1100	1220 x 1520 x 610	1500
XXL	1220 x 1520 x 910	1800

## Individual-L ine

size <sup>*1</sup>	size of the charges WxLxH in mm	gross charge max. kg
300 (2)	500 x 900 x 650	500
600 (4/1)	700 x 1300 x 650	1000
800 (5/1)	900 x 1500 x 650	1200
1000 (4/3)	700 x 1300 x 1150	1200

# Series and sizes

Subject to technical changes.  
Further dimensions and charge weights on request.

<sup>\*1</sup> sizes in () old description