



**aeno concept**

WINE-MAKING PROCESS DESIGNER & INTEGRATOR

**RIDDLING RANGE**

The world reference of automated riddling

# CONTAINER AND RIDDLING BOX



*Container lifted by hooks (TSR®)*



*Box lifted by forks*

## HIGHLIGHTS

**1**

Same container from bottling to disgorging



No bottles handling



For riddling 504 traditional or cremant bottles



BOTTLING



STORAGE



RIDDLING



*Made in France*

# CHARACTERISTICS

## ➔ MONOBLOC AND STURDY

The riddling box and the container are made in a single unit : the 4 front, back and side panels are welded together. This technique gives them enhanced stiffness and a long service life.

## ➔ A SPACER BAR TO HOLD IT IN PLACE

A spacer bar joins the side panels, keeps them in place throughout riddling and maintains the geometry of the box and the container during stacking.

## ➔ EFFICIENT BOTTLES PLACEMENT

The bottles are positioned in staggered rows, all facing the same way, necks in bottoms. This layout enables the riddling box and the container to be used throughout the wine making process: bottle storage on racks, bottle storage neck down, right through to disgorging without the bottles ever being handled manually.

## ➔ SAFE 5<sup>TH</sup> AND 6<sup>TH</sup> SIDE GRIDS

During the riddling and storage phases, with the bottles neck down, the box or the container is fitted with a riddling gate (5th side), that is ajustable in height, and a 6th side grid to hold the bottles.

## ➔ UTILISATION POUR LE STOCKAGE

The riddling box and the container can be used for head to tail storage with the three grids holding kit. This kit can easily be positionned to store 630 bottles in the box and 663 bottles in the TSR® container.

Container



Box



## LES +



A single handling operation from bottling to disgorging



Suitable for use in cellars of all sizes



Stackable up to 5 layers on racks or neck down



Hot-dip galvanized to standard NF EN ISO 1461

## RECOMMANDATIONS FOR USE

- ➔ The handling means should be appropriate (forklift driver's licence and fork lenth).
- ➔ Verticality and column spacing must be respected.
- ➔ The floor must be flat..

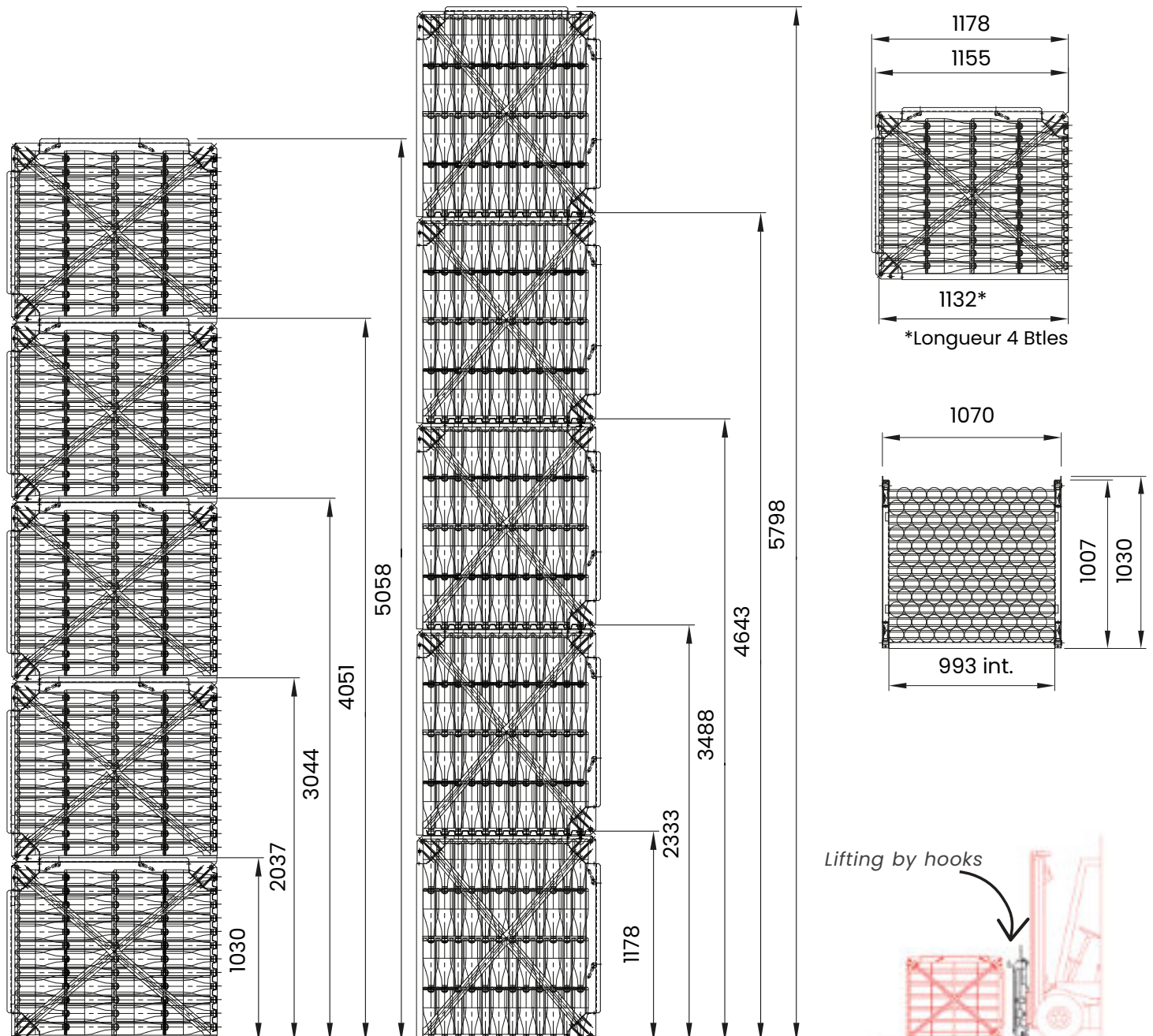
# CONTAINER TSR®

- ➔ Optimised for storage in large areas :  
E.g. : in an area of 5 000 m<sup>2</sup>, saving of 8% compared with a box.
- ➔ Lifting by hooks. Requires the attachment.
- ➔ Unit weight, galvanised, with gates, strengthened 6<sup>th</sup> side grid and spacer bar : 103.8 kg (±3%).



## Bottles on racks

## Bottles neck down



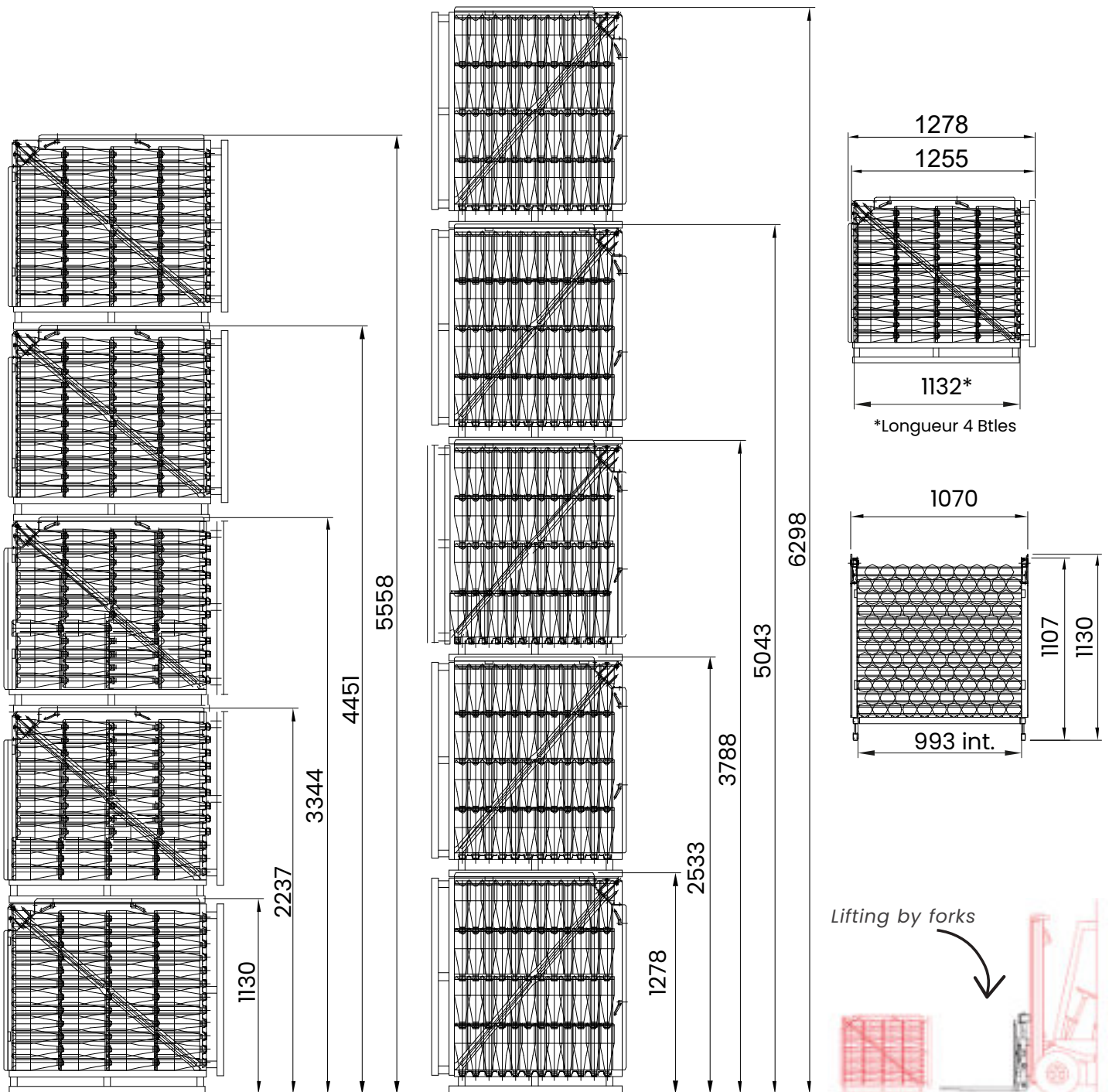
# RIDDLING BOX

- ➔ Suitable for conventional handling by forks with a forklift or pallet truck (low ceiling height).
- ➔ No additional investment.
- ➔ Unit weight, galvanised, with gates, strengthened 6<sup>th</sup> side grid and spacer bar : 109.6 kg (±3%).



## Bottles on racks

## Bottles neck down



# Special riddling boxes and TSR®

Monobloc riddling and storage box and TSR®  
for special bottles shapes.

## DESCRIPTIF PRODUIT

The special boxes and TSR® are made for the riddling and storage of special bottles shapes (Grand Cru, Paris, Hortense, Celeste, etc). These containers can be used from bottling with no bottles handling until riddling.



**Hot-dip galvanizing** (standard NF EN ISO 1461).



**Storage** up to 5 heights.



Suitable **gates and 6<sup>th</sup> side grids**.



## Examples of references

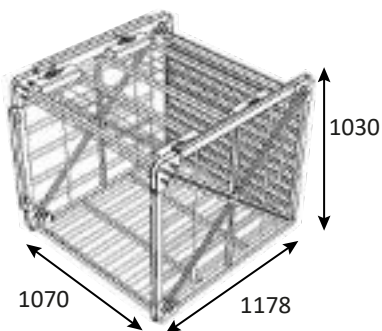
Cuvée des Princes | Arbane | Magnum | Hortense | Paris | Demie  
| Eole | Anassa | Grand Cru | Aubade | Millésime | Trentenaire |  
Sonate | Symphonie | Tradition

Lifting by forks or hooks.  
One container from bottling  
to disgorging.  
Study on request.

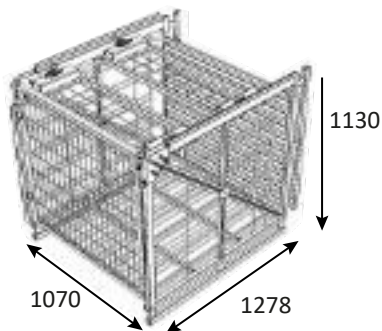
## External dimensions

The external dimensions of these special containers are identical to those of standard containers.

### Special TSR®



### Special box

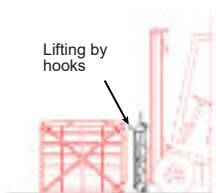


## Wooden wedges

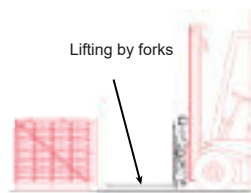
These custom-designed wedges allow a safe support of head to tail special bottles (in a standard box or TSR®).



Example of a wooden wedge for the Cuvée des Princes bottle.



Lifting by hooks



Lifting by forks

  
Made in France