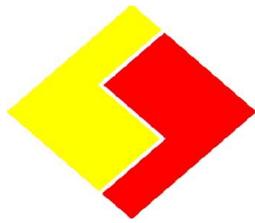




## *Hook container loaders*





**ZETES** PRO

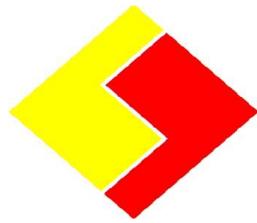
## USAGE

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HOOK CARRIERS ARE USED IN EVERY SITUATION, WHICH REQUIRES TRANSPORTATION OR MANIPULATION WITH CONTAINERS WITHIN THE EXCHANGE SYSTEM.

**THE ADVANGATES OF HOOK LOADERS ARE:**

OPTIMIZATION OF CAR PARKS BY MEANS OF ATTENDANCE OF SEVERAL DISTRIBUTION PLACES BY USING OF ONLY ONE CAR.



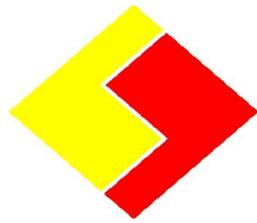
# ZETES PRO

## PRODUCT USAGE - BRANCHES

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- **MUNICIPAL BRANCH:**
- **Shipment to transport: municipal waste**
- **HAULAGE**
- **SEPARATED WAST COLLECTION (removal of the separated waste in agglomerations)**
- **PRESSING CONTAINERS (attendance of hypermarkets and plants)**
- **TRANSPORTATION OF „KP“ TYPE**
- **CONTAINERS (city centres,**
- **neighbourhoods, places with limited access [total allowed weight])**





# ZETES PRO

## PRODUCT USAGE - BRANCHES

- **IRON SCRAP BRANCH:**
- **Shipment to transport: iron scrap**
- **HAULAGE (attendance of iron scrap collection depots)**
- **HAULAGE (transportation of separated iron scrap to iron and steel works)**



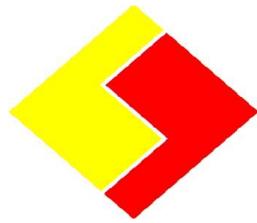


## PRODUCT USAGE - BRANCH

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- **FOREST BRANCH:**
- **Shipment to transport: wooden slivers and sawdust**
- **HAULAGE (attendance of sawmills, site of timber production, plant for production of component on the basis of wood)**





**ZETES** PRO

## PRODUCT USAGE - BRANCH

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### **SPECIALIZED USAGE:**

**Shipment to transport: dangerous waste – using of special containers**

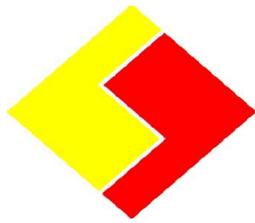
• **Containers for jointing: flesh-bones (removal from butchery – transportation by means of double-crane or small containers)**

• **sanitary waste (attendance of hospitals, health centres)**

• **transportation of used accumulators**

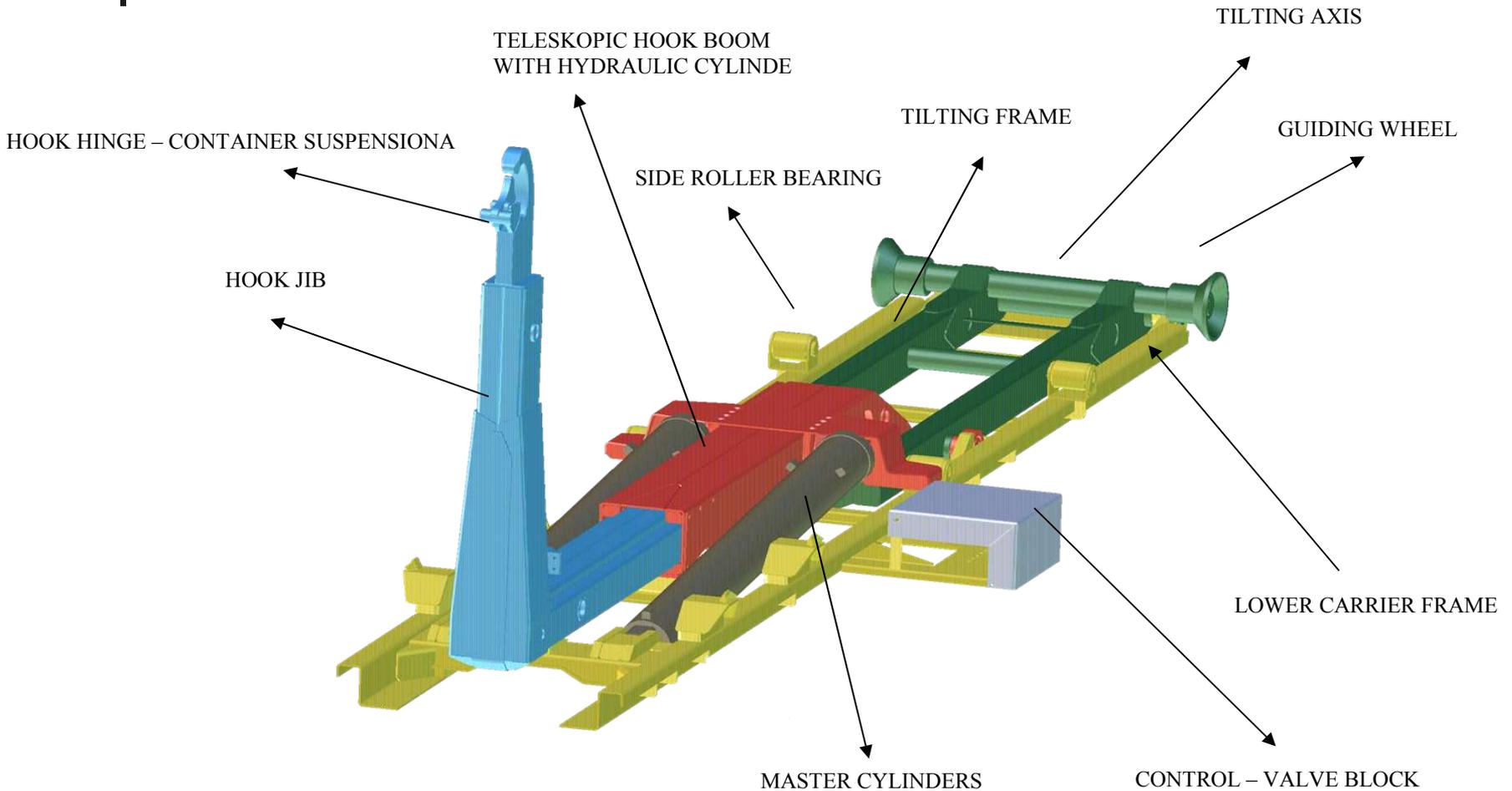
• **transportation of special build-up areas and facilities (sanitary barrels, grit sprayers, petrol pumps, platforms, unimo boxes, cement-mixers, containers with crane etc.)**

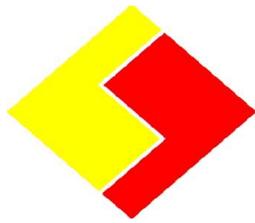




# ZETES PRO

## CONSTRUCTION OF THE HOOK CARRIER AND ITS FUNCTIONS





# ZETES PRO

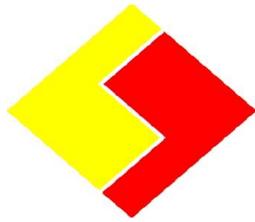
## CONSTRUCTION OF THE HOOK CARRIER AND ITS FUNCTIONS

EQUIPMENT OPERATION PLAN

THE PARTICULAR PHASES IN THE COURSE OF CONTAINER LOADING

ONTO THE CHASSIS AND THE CONTAINER OFF-LOADING FROM THE CHASSIS



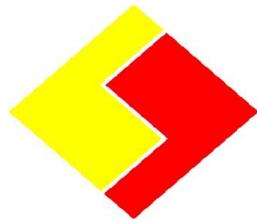


# ZETES PRO

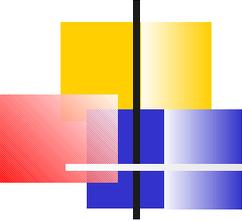
## CONSTRUCTION OF THE HOOK CARRIER AND ITS FUNCTIONS

EQUIPMENT OPERATION PLAN  
THE PARTICULAR PHASIS IN THE COURSE OF CONTAINER LOADING  
ONTO THE TRAILER AND THE CONTAINER OFF-LOADING FROM THE TRAILER





**ZETES** PRO



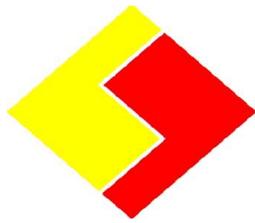
## **CHASSIS REQUIREMENTS EXACTED BY THE CARRIER BODY**

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**THE CHOISE OF CORRECT CHASSIS  
DUE TO COORDINATION WITH THE HOOK  
CARRIER  
AND THE CONTAINER**

**THE BASIC PARAMETERS FOR THE CHOICE OF  
CHASSIS ARE:**

- **WEIGHT AND TYPE OF TRANSPORTED  
MATERIAL**
- **THE LENGTH OF THE CONTAINERS  
DESIGNED FOR TRANSPORTATION**



**ZETES** PRO

## CHASSIS REQUIREMENTS EXACTED BY THE CARRIER BODY

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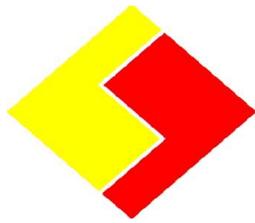
INFORMATIONS ABOUT THE WEIGHT AND TYPE OF THE TRANSPORTED MATERIAL  
THEY ENABLE TO CHOOSE THE CORRECT CHASSIS TYPE AND TO SPECIFY THE PARAMETERS OF IT:

- **TOTAL ALLOWED WEIGHT**
- **DRIVE TYPE: 4X2 (4), 6X2 (4), 8X4 (6)**

INFORMATIONS ABOUT THE LENGTH OF THE CONTAINERS IN USE  
THEY ENABLE AN EXACT DETERMINATION OF THE AXLE BASE,  
AS WELL AS THE ADAPTION OF THE BODY IN SUCH WAY,  
THAT THE EXCEEDING OF MAXIMUM LOADS OF THE PARTICULAR CHASSIS COULD BE AVOIDED

INFORMATIONS ABOUT THE TYPE OF ACTIVITIES – TRANSPORT ROUTE

IT HELPS TO CHOOSE THE CABIN TYPE. (IT IS CONNECTED WITH THE SUBSEQUENT DETERMINATION OF THE BODY SIZE)

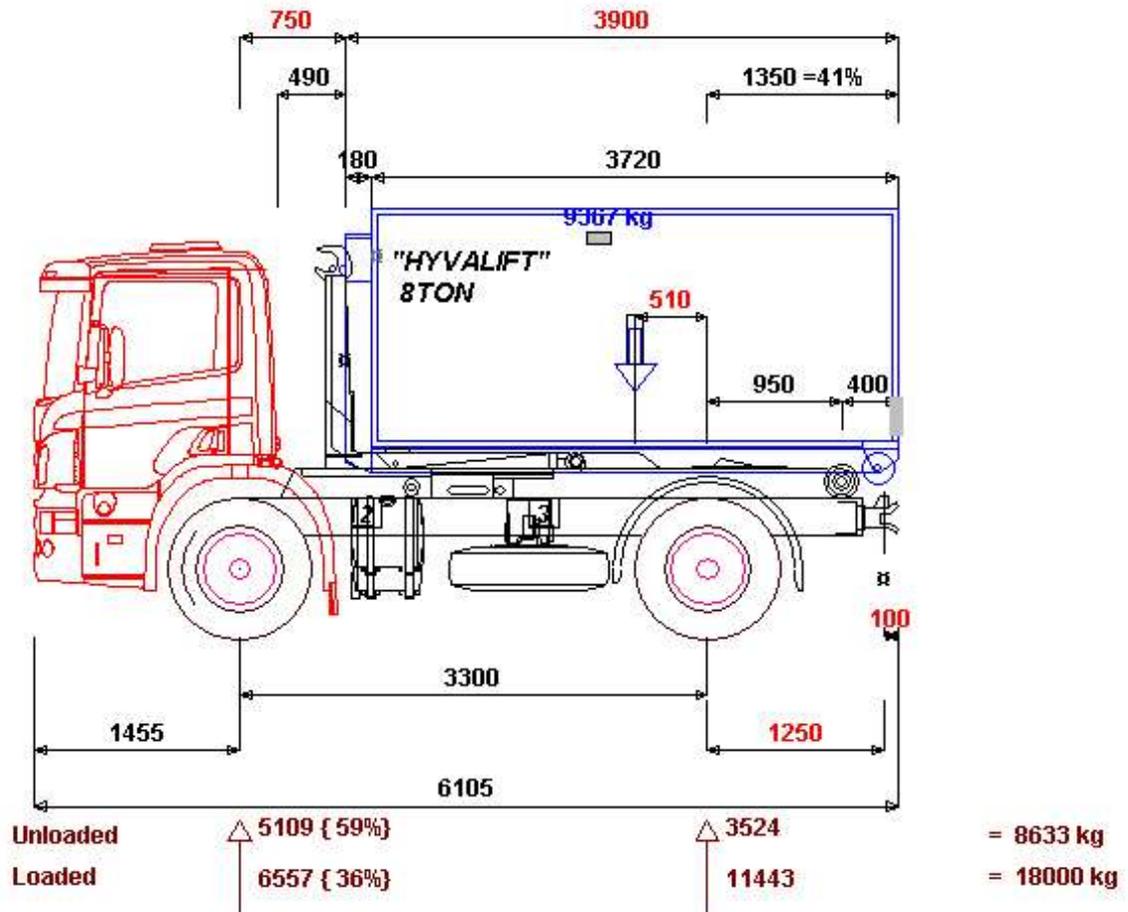


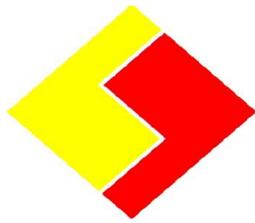
# ZETES PRO

## INFORMATIONS ABOUT THE SYSTEM MOUNTING CHASSIS 4X2/4

*Capacity of 8 - 9 t system  
Container: 3900 mm*

**Cabin: CP14**  
**Wheel base: 3300 mm**  
**Front axle: 7 – 7,5 t**  
**Back axle: 11,5 t**  
**PTO: > 350 nM**  
**Rear overhang: 950 – 1100 mm**





# ZETES PRO

## INFORMATIONS ABOUT THE SYSTEM MOUNTING CHASSIS 4X2/4

*Capacity. Capacity of 10 -14 t  
system*

*Container: 5000 mm*

**Cabin: CP14**

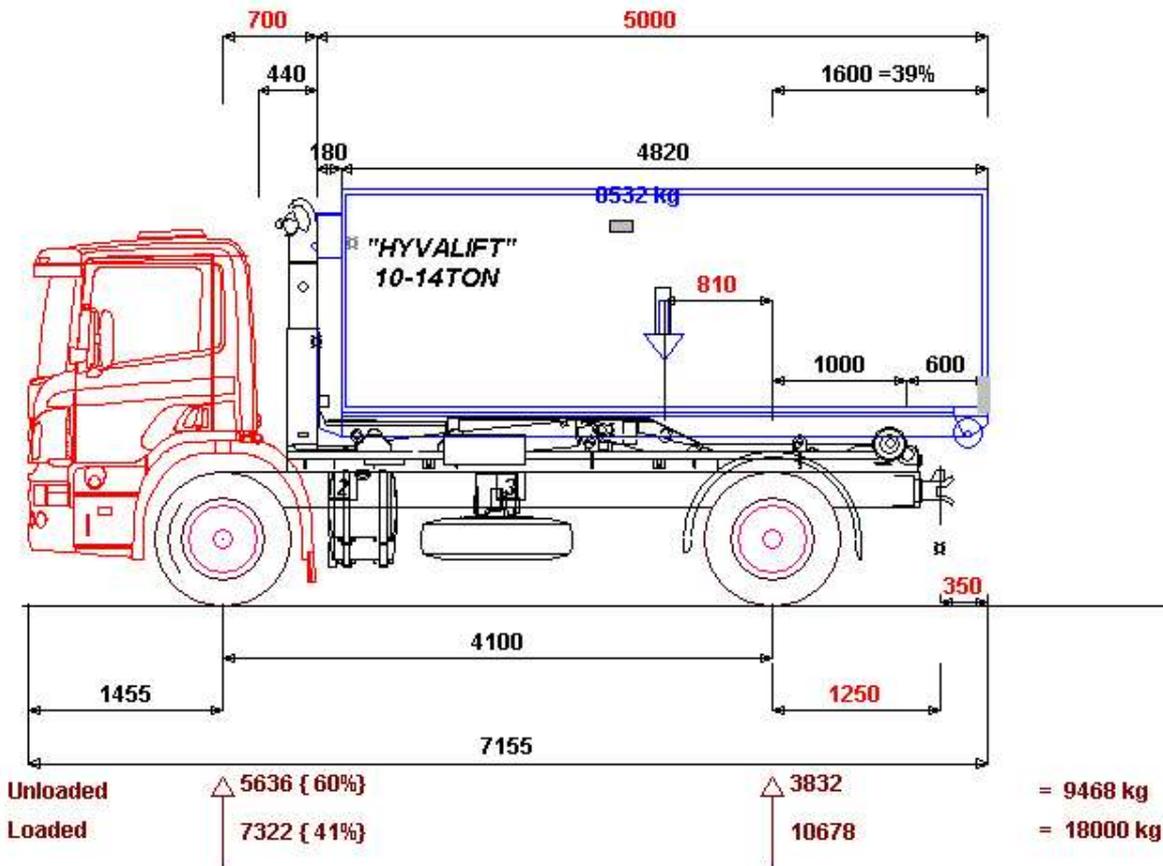
**Wheel base: 4100 mm**

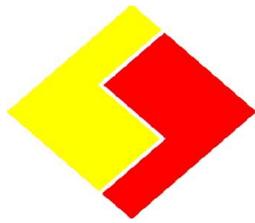
**Front axle: 7,5 t**

**Back axle: 11 - 13 t**

**PTO: > 350 nM**

**Rear overhang: 950-1100 mm**



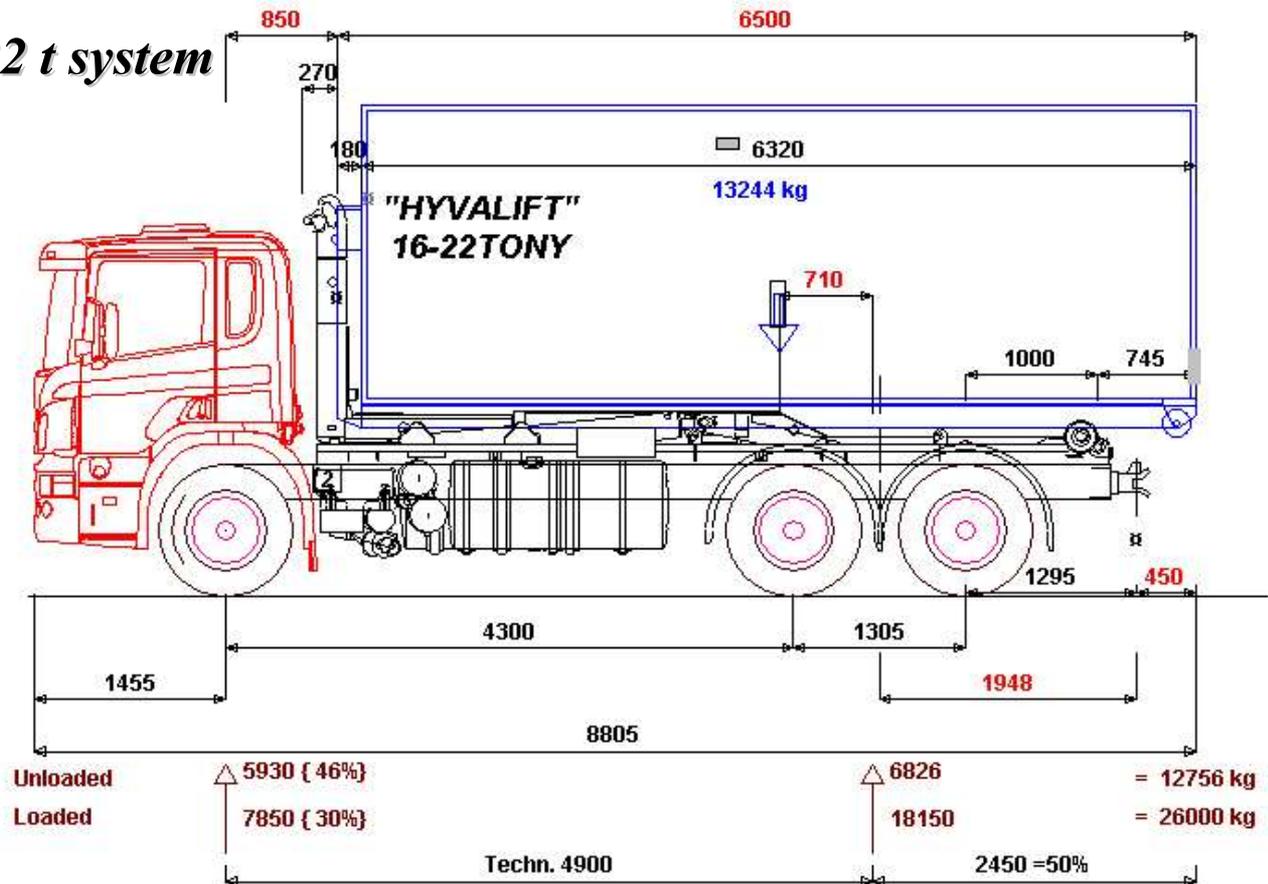


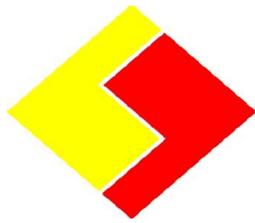
# ZETES PRO

## INFORMATIONS ABOUT THE SYSTEM MOUNTING CHASSIS 6X2/4

**Capacity. Capacity of 16 -22 t system  
Container: 6500 mm**

**Cabin: CP16  
Wheel base: 4300 mm  
Front axle: 8 t  
Back axle: > 18, 5 t  
PTO: > 350 Nm  
As per suspension type:  
6x2, back frame:  
950 – 1100 mm  
6x4, back frame:  
750 – 900 mm**





# ZETES PRO

## INFORMATIONS ABOUT THE SYSTEM MOUNTING CHASSIS 8X2/4

Capacity. Capacity of 22 -30 t system  
Container: 7000 mm

**Cabin: CP14**

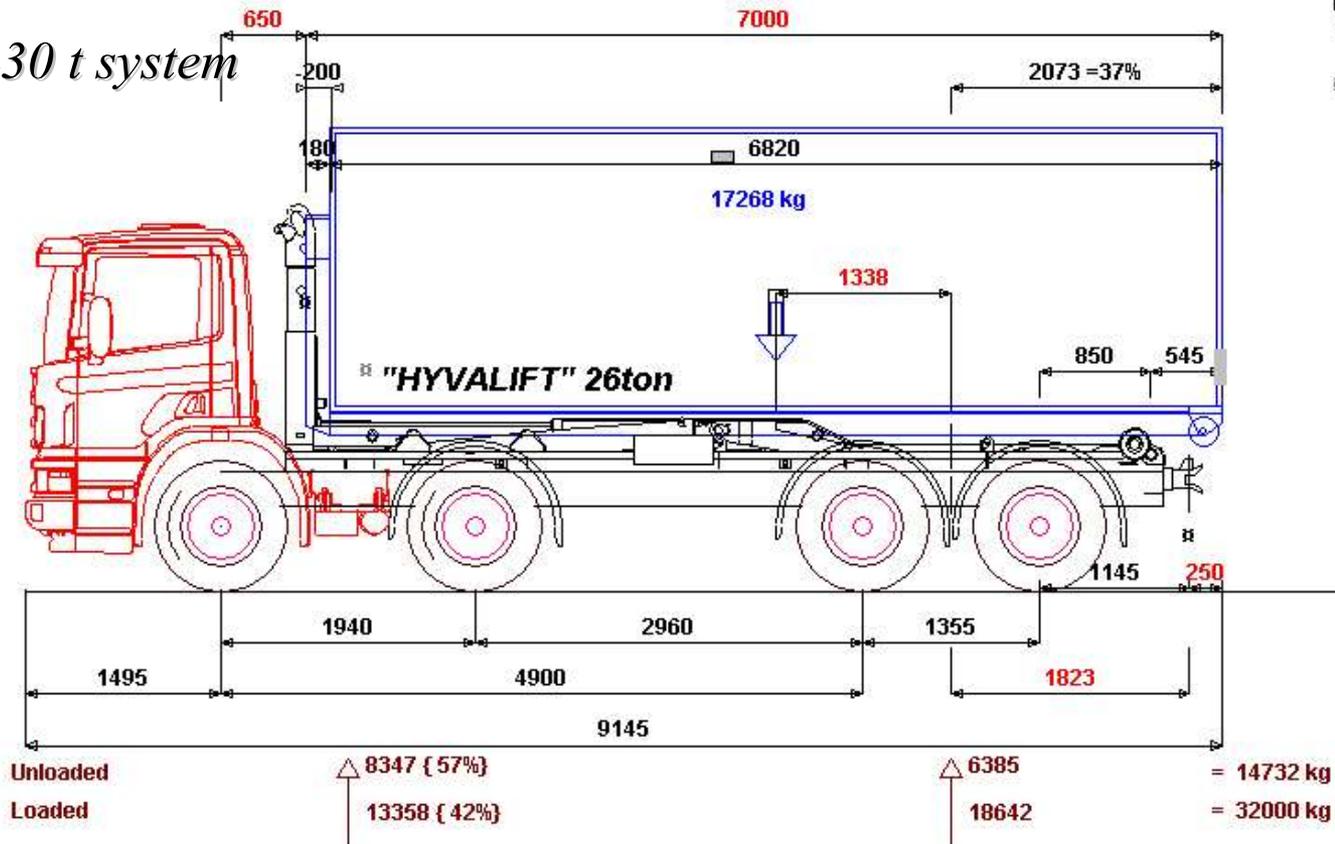
**Wheel base:**

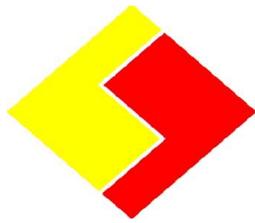
**4700 – 4900 mm**

**Front axle: > 14 t**

**Back axle: > 18,5 t**

**PTO: > 400Nm**





# ZETES PRO

EXPERIENCE, QUALITY, TECHNOLOGY AND MERITS

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**LARGE OFFER OF SYSTEMS WITH CAPACITY FROM 10 TO 30 TONS**

**COMPATIBLE WITH ALL CONTAINERS  
SUBJECT TO STANDARD DIN30722.**

**ADJUSTABLE HEIGHT OF CONTAINER SUSPENSION.**

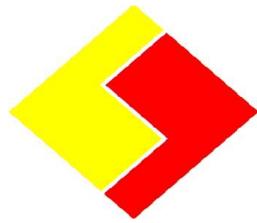
**ALL MODELS ARE EQUIPPED WITH HYDRAULIC CONTAINER  
INTERLOCK.**

**SUSPENSION INTERLOCK IN THE COURSE OF CONTAINER  
LOADING AND OFF-LOADING – STABILIZATION OF THE  
PLACING ON THE CHASSIS.**

**POSSIBILITY OF ACCELERATED LOADING AND OFF-  
LOADING OF EMPTY  
CONTAINERS.**

**SIDE CENTER BEARINGS.**





# ZETES PRO

## EXPERIENCE, QUALITY, TECHNOLOGY

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**The pneumatic control is located in the driver's cabin.**

**Adaptation for different Wheel bases and chassis suspension configurations.**

**The range of the container lengths: between 3050 and 7600mm (depends on type of the hook carrier).**

**Available versions with additional hydraulic swing arm, in order to extend the range of container length and the loading ability.**

**Adapted for transportation of bulky load exigent of larger carrying capacity.**

**Possibility of equipment frame extension, in order to enable the mounting of crane for iron scrap loading or selective collection of municipal waste.**

