

VEGAMAX



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VEGAMAX

NOTICE D'UTILISATION

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NOTICIA TECNICA

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MANUALE TECNICO

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VEGAMAX

Thank you for granting us your confidence.

We are convinced that your

- VEGAMAX

will give you any satisfaction thanks its total autonomy for :

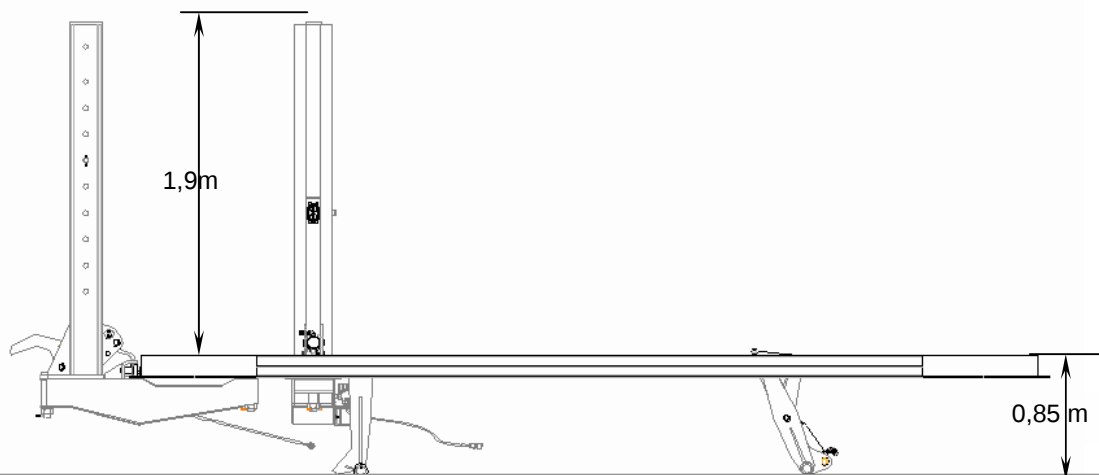
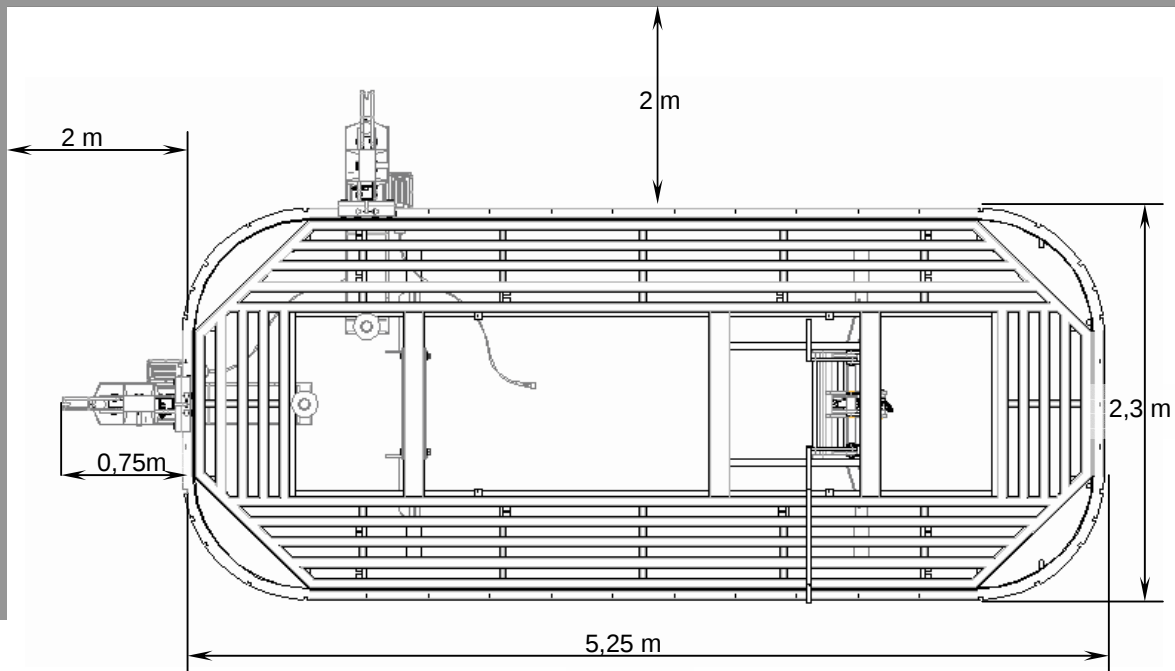
- Installing a vehicle.
- Checking and rebuilding.
- Lowering the vehicle on the ground.

B1

VEGAMAX

Characteristics and dimensions

DIMENSIONS :



TECHNICAL DESCRIPTION :

- Checking and rebuilding platform for running or non-running vehicles, types 4WD and passenger cars. This platform can be tilted to load or unload the vehicles thanks to a mobile leg, activated by means of an hydro-air pump type CELETTE HYP.2301.AS.
- Pulling units (360° around the platform)
- Automatic safety locking, manual unlocking
- Total weight : 2000daN
- Maximal load on the bench : 3500daN

CORRECT LOCATION :

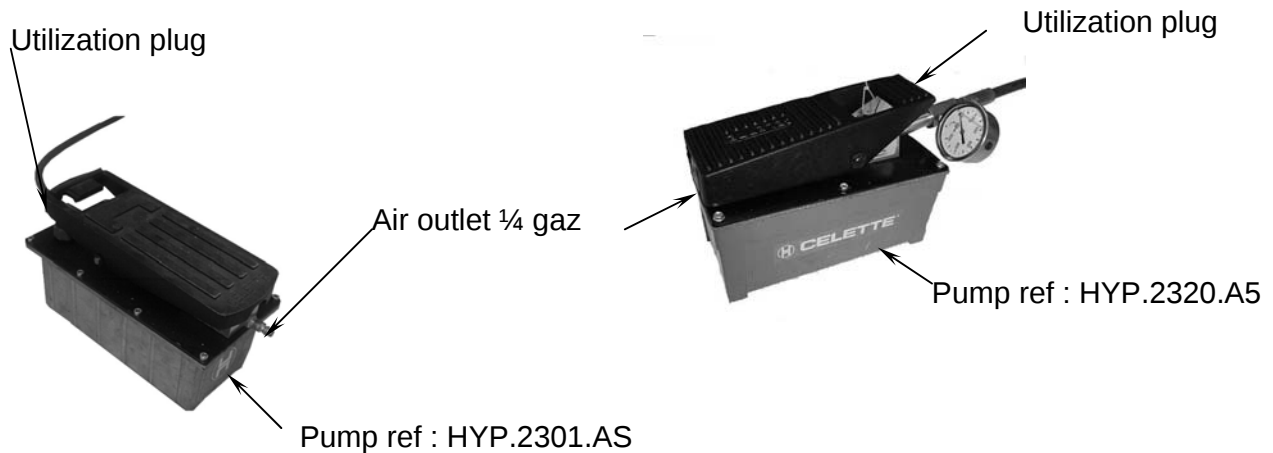
- The ground should be able to withstand a total load of 5400daN and should have a minimal compressive strength of 250kg/cm².
- No obstacle should be placed lower than 3.5m above the equipment (for a classic commercial vehicle with a standard height).
- We advise to foresee a 2m free space all around the platform (access for the pulling units). This represents a work area (not including the storage of accessories and tools) of 6.5m wide x 8m deep.

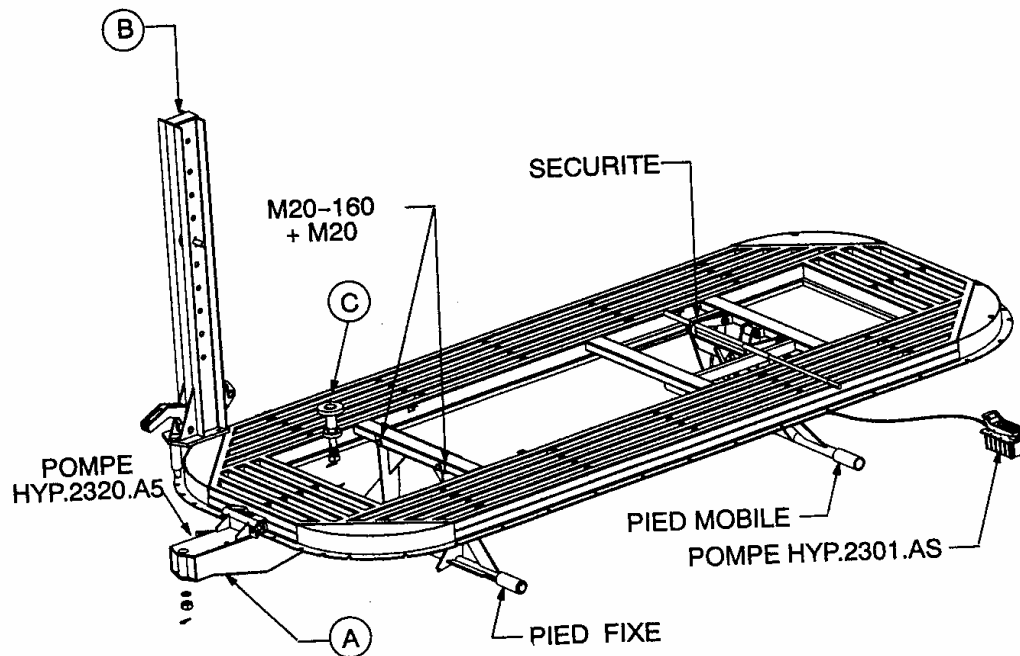
<i>Caution : the access ramps are not included within the 8m. We also advise to foresee the access of running vehicles on VEGAMAX.</i>
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- Following equipment is to be foreseen nearby the device :
 - a compressed air supply, cleaned and oiled, 6 to 8 bars.

ASSEMBLY AND CONNECTIONS IN THE WORKSHOP :

- Hydro-air pumps :
 1. On each pump, replace the transport plug by the utilization plug
 2. Connect the compressed air supply $\frac{1}{4}$ gaz .
- Platform :
 1. Screw the static leg on the platform crossmember.
 2. Connect the pump to the mobile leg jack and lift the platform until the safety unit
- Pulling units :
 1. Dismantle the axle + bearing **C** .
 2. Place the base of pulling unit **A** on the platform.
 3. Install the axle + bearing **C** again and lock nut M39.
 4. Place tower **B** on the base of pulling unit **A** , screw nut M39 without locking it.

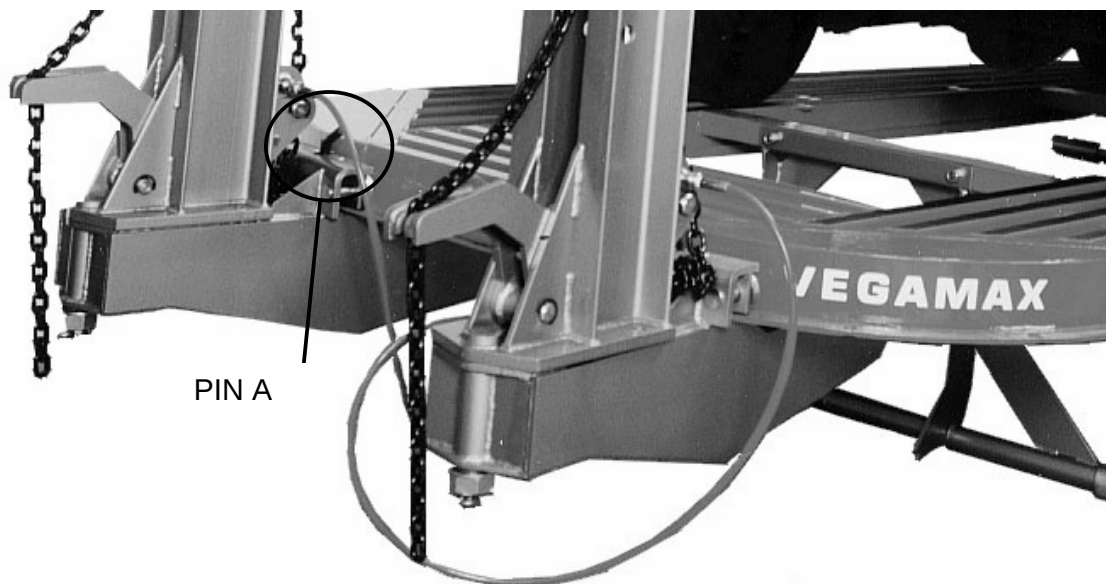




B4

LIFTING AND LOWERING OF RUNNING OR NON RUNNING VEHICLES:

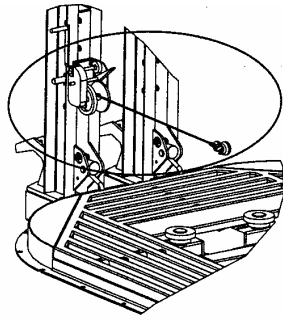
Before effecting any operation on the platform, it is imperative to make sure that the pulling towers are locked at the end of the platform by means of pins A .



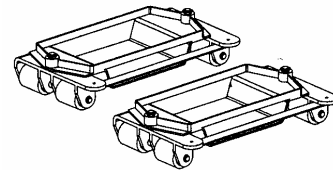
HOW TO LOWER THE PLATFORM :

- The towers being locked at the rear end of the platform, , activate pump ref : HYP.2301.AS in the lifting direction to release the safety hook. Hold the hook up (by means of the handle) and activate the pump in the lowering direction until the bench touches the ground. Fix the ramps on the bench.

- **For running vehicles** : lift smoothly on the platform .
- **For vehicles with 1 non running axle** : use trolley **ref : VGX.0520** . The vehicle will be towed by means of the winch + winch support **ref : VGX.0510**, fixed directly on the vehicle. Use the trolleys in the direction shown by arrows.



VGX.0510



VGX.0520



Handle to activate the
safety system.



Lifting of a running vehicle

HOW TO LIFT THE PLATFORM AGAIN :

- The vehicle being installed on the platform, **unhook the ramps**, and activate the pump in the lifting direction until the safety system.
- For vehicles on trolley ref :VGX.0520 remove the trolleys by means of the pneumatic winch ref :VGX.0530



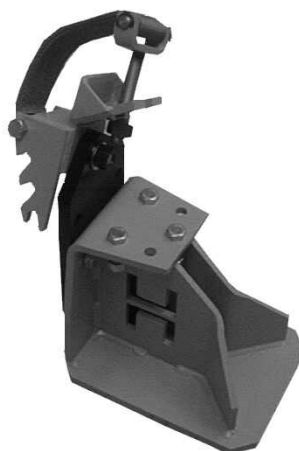
VGX.0530

INSTALLING THE VEHICLES ON THE HOLDING PINS :

- For vehicles with welded seams, use the jaws .(refer to drawing 1).
- For vehicles with frame, use the frame supports .(refer to drawing 2).



DRAWING 1

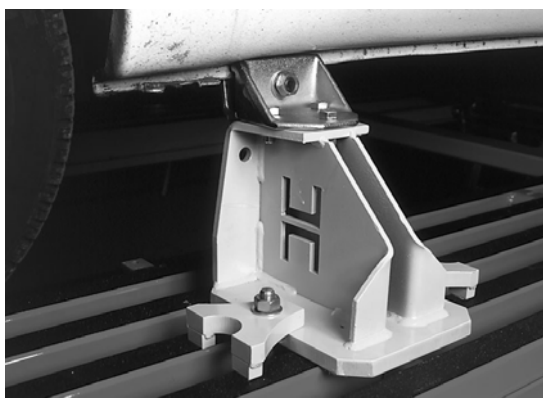


DRAWING 2

- Lift the vehicle with the pneumatic winch « VGX.0530 », slide one pin after the other under the vehicle and fix it. Lock the holding pins.



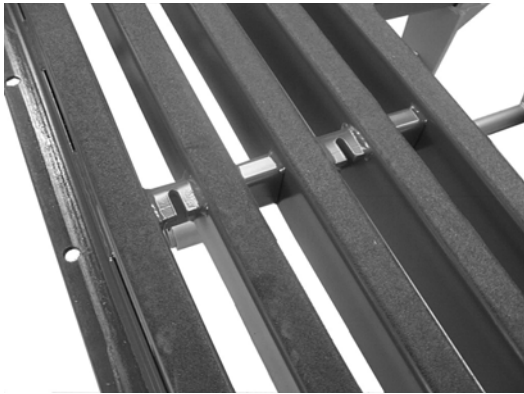
VGX.0530



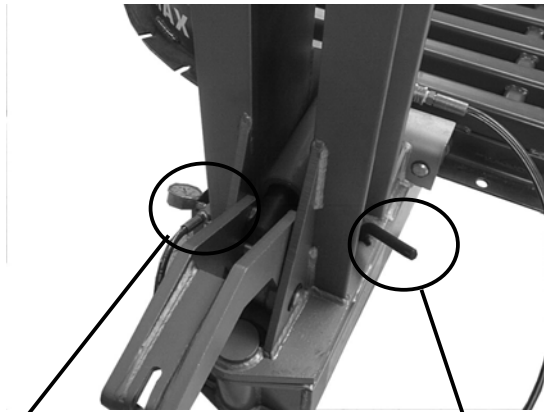


REPAIR PROCESS :

- The vehicle being installed on the holding pins, place a pulling tower in the impact area, lock the tower with the pin. The second tower may be located on the opposite side to effect a counter-push (Refer to drawing 3).
- Put pumps ref : HYP.2320.A5 on the ground, install the pulley block according to the height of the impact to effect an horizontal pulling
- To effect a counter-push, it is possible to use the slots located all along the platform (refer to drawing 4).
- To shift the pulling towers all around the platform, the pump has to lay on its support and the pin has to lock the base of pulling unit + towers (Refer to drawing 5).



DRAWING 4



PUMP

DRAWING 5

PIN

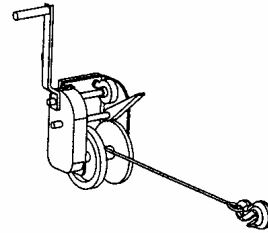


PULLEY

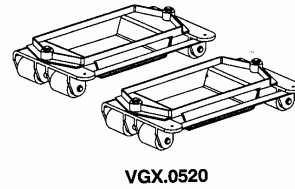
DRAWING 3

VEGAMAX – OPTIONAL EQUIPMENT :

- VGX.0510 : Winch + winch support



- VGX.0520 : Trolleys for non running vehicles

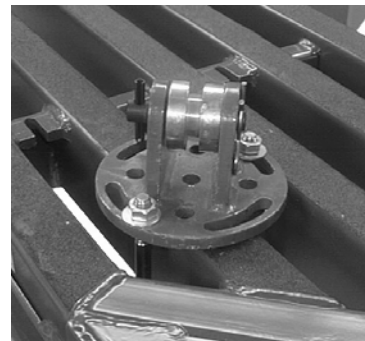


VGX.0520

- VGX.0530 : Pneumatic winch



- VGX.0947 : Rotating pulley block



VEGAMAX – OPTIONAL EQUIPEMENTS :

- VGX.ME.10 : Support for mechanical measuring devices type METRO 2000, MYGALE.
(refer to drawing page D).
- VGX.NA.10 : Support for electronic measuring device type NAJA, on VEGAMAX.
(refer to drawing page D).