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SARL CALIBRATION: machine without stabilizers



(ALGA MATRIX EVO cluster)




Start the diesel engine.

The machine must have the **fork** mode active.



Press  to access the **MENU**.

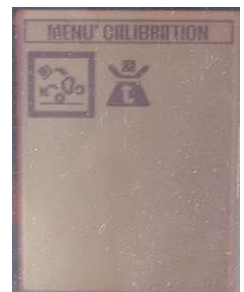
Use the buttons UP  and DOWN  to select the icon  then press  to confirm.



Digit the password **8696** using the UP  , DOWN  and  buttons



Select the icon  then press  to confirm.



You have accessed the **SARL MENU** so the calibration procedure can start.

1.

MACHINE MUST BE ON A FLAT GROUND, NOT BRAKED, WITH NO LOAD ON FORKS, AND WITH STRAIGHT FORWARD WHEELS.

Referring to the machine load chart, get a load of known weight (we suggest a load of about 50% of maximum machine lifting capacity): the load will be used during the calibration.

2.


If the machine is cold, we suggest to use it a few minutes in order to warm up the gear oil, especially if a new load cell has been fitted or the same one has been re-positioned. Check the details on the load cell replacing procedure.

3.

Select **NO** then press  to confirm.

4.


With no load on forks, retract the boom and lift it up

Press OK : the first key point calibration has been confirmed.

5.

Lift the load previously prepared to no more than 20 cm off the ground.

Boom out till the movement should stop (refer to the relevant capacity diagram of the machine)

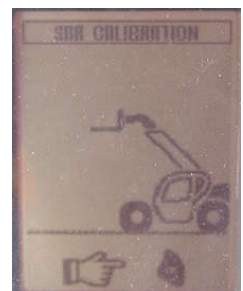
Wait a few seconds till boom oscillation stops then press OK  to confirm the second key point calibration.

6.

The SARL will be in alarm overload. Retract the boom to stop the alarm mode.

Shut off the engine.

Check the anti-tipping system: make sure that it works properly




 **SARL CALIBRATION: machine with stabilizers**



(ALGA MATRIX EVO cluster)




Start the diesel engine.

The machine must have the **fork** mode active.



Press  to access the **MENU**.

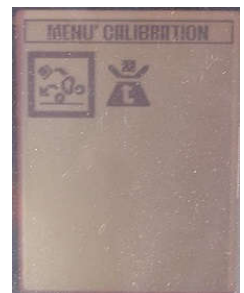
Use the buttons UP  and DOWN  to select the icon  then press  to confirm.



Digit the password **8696** using the UP , DOWN  and  buttons



Select the icon  then press  to confirm.



You have accessed the **SARL MENU** so the calibration procedure can start.

7.

MACHINE MUST BE ON A FLAT GROUND, NOT BRAKED, WITH NO LOAD ON FORKS, AND WITH STRAIGHT FORWARD WHEELS.

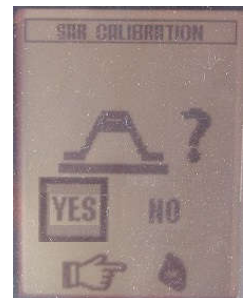
Referring to the machine load chart, get a load of known weight (we suggest a load of about 50% of maximum machine lifting capacity): the load will be used during the calibration.

8.

If the machine is cold, we suggest to use it a few minutes in order to warm up the gear oil, especially if a new load cell has been fitted or the same one has been re-positioned. Check the details on the load cell replacing procedure.


9.

Select **YES** then press  to confirm.



10.

With no load on forks, retract the boom and lift it up

Press : the first key point calibration has been confirmed.




11.

Lower the boom.

Lift the load previously prepared to no more than 20 cm off the ground.

Boom out till the movement should stop (refer to the relevant capacity diagram of the machine)

Wait a few seconds till boom oscillation stops then press  to confirm the second key point calibration.




12.

Put the load down.

Lower the stabilizers.

With no load on forks, retract the boom and lift it up


Press OK : the third key point calibration has been confirmed.

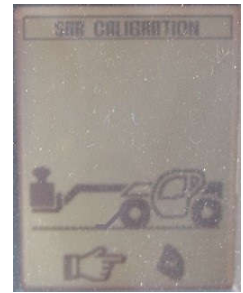
**13.**

Lower the boom.

Lift the load previously prepared to no more than 20 cm off the ground.

Boom out till the movement should stop (refer to the relevant capacity diagram of the machine)

Wait a few seconds till boom oscillation stops then press OK  to confirm the fourth key point calibration.

**14.**

The SARL will be in alarm overload. Retract the boom to stop the alarm mode.


Shut off the engine.

Check the anti-tipping system: make sure that it works properly



BOOM ANGLE and LENGTH SENSOR CALIBRATION: machine with Matrix EVO cluster

Start the diesel engine.



Press  to access the **MENU**.

Use buttons UP  and DOWN  to select icon  and press button OK  to confirm.

Digit the password **8696** using buttons UP , DOWN  and .



You have accessed the **SAR MENU**: calibration procedure can start.

Select icon  and press OK  to confirm.



1.

MACHINE SHOULD BE ON A FLAT GROUND, NOT BRAKED AND WITH NO LOAD ON FORKS

2.


Retract the boom.

3.

Position the boom to 0°.



4.


Press OK  to confirm the first key point.



Shut off the diesel engine.

PLANARITY SENSOR CALIBRATION: machine with Matrix EVO cluster



Start the diesel engine.

Press  to access the **MENU**.

Use buttons UP  and DOWN  to select icon  and press button OK  to confirm.

Digit password 8696 using buttons UP , DOWN  and OK .

You have accessed the **SAR MENU**: calibration procedure can start.

Select icon  and press OK  to confirm.

1.

MACHINE MUST BE ON A HORIZONTAL PLANE, NOT BRAKED AND WITH NO LOAD ON FORKS. Boom fully in and down.


2.

Check the tires pressure. All tires must have the correct inflate pressure.

3.

Make sure that the machine is perfectly horizontal on tires.

4.

Press OK  to confirm the second key point.

Shut off the diesel engine.

