



JOSAM truckaligner 180°

Faster wheel alignment for
better flow in the workshop





JOSAM truckaligner 180°



We have eliminated the need to compensate for a manual run-out of a distorted rim

With the measuring methods which are used with the JOSAM truckaligner 180° a diagnosis can be carried out on a vehicle faster and more simply than before, without a reduction in precision.

The vehicle that comes in to the workplace can be diagnosed quickly and efficiently, which benefits your business and gives more work opportunities. Carrying out a diagnosis no longer needs to take much time.

The ingenious part of this method is that we have taken away the time-consuming compensation for rim distortion which is carried out by hand on the wheel adapter. The compensation part of the measuring method has now been replaced by a

function where the wheel is turned or rolled 180° and the software calculates the rim skewness automatically. In addition, one can choose to activate a start and stop function which guides the user during the wheel alignment.

JOSAM truckaligner 180° can be acquired as a completely new system or as an upgrade of your current JOSAM truckaligner II-system (PC or handheld unit).



Put the software in the start position.



Roll.



Stop.



Lift.



Turn.



Lower.



Measure.

Measure toe, out of square, parallelism, and camber either by rolling or lifting the vehicle

The wheel alignment system can be used in two different ways. Depending on how the workplace is laid out, and what possibilities there are in the facility, the vehicle can either be rolled or lifted in order to carry out the wheel alignment.

Rolling method

The fastest way to use the JOSAM truckaligner 180° is with the rolling method. The measuring scales are mounted on the front and back of the vehicle precisely as with the earlier JOSAM systems and the wheel adapters and measuring heads are mounted on both sides of the axles which are to be measured. **(1)** The software is set to the starting position. **(2)** The vehicle is rolled so that the wheels roll 180 ° forward. **(3)** The software indicates when it is time to stop the vehicle. The measurement is completed! The same procedure is carried out on the remaining wheel pairs.

Lifting method

The lifting method means that the vehicle is lifted up from the ground with a jack and the wheel is rotated 180° instead of rolling it. This method is useful in a workplace where there is not enough room to roll the vehicle.

(1) When the software is set for start , the vehicle is to be lifted up with the jack. **(2)** The wheels are rotated 180° forward. **(3)** The vehicle is lowered. **(4)** Measurement takes place by pushing the button on the measuring head. The measurement is completed!

The system can, of course, measure all the steering angles and has support for other types of vehicle configurations like twin-steer, buses, trailers and tag axles.



JOSAM truckaligner 180° as an upgrade kit

JOSAM truckaligner 180° can be acquired as a completely new system or as an upgrade of your existing Truckaligner II-system. It does not matter if PC or the handheld unit are currently being used; an upgrade kit is available for both alternatives.

A handheld unit which has earlier been used with JOSAM truckaligner II can be used without any problem with the Truckaligner 180° after an upgrade.



Handheld unit from JOSAM.

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