

Hubmatch



Hubmatch – What is it?



HubMatch is an innovative software that displays and guides the operator on how to mount the wheel on the vehicle minimizing effects of tyre eccentricity.



Hubmatch – How does it work?

Balancing process often does not solve all wheel vibration problems.

Wheels must be balanced and also be “round when rolling on the vehicle”, i.e. cannot have high values of eccentricity, in order to be sure that the vehicle moves without annoying vibrations.



Hubmatch – How does it work?

In one single spin, HubMatch detects the highest point of the wheel (1st harmonics) and displays it on-screen to enable mounting of wheel on the vehicle so when positioning the rim on the hub it reduces the assembly eccentricity, up to 0,2 mm, using just the hub bore and gravity.

Simply matching mechanical clearances when positioning the rim on the hub will eliminate the eccentricity.

Hubmatch - What are the advantages?



Solves all vibration problems on wheels, HubMatch guides the operator during the process, significantly reduces floor-floor cycle time and provides an improved ride quality.

