

# DYNAMICBLOCK

Dynamic weighing block for improved accuracy in forklift weighing systems



## PTE SCALES

### Benefits

Improved accuracy and reliability in all forklift solutions

Compensates the unwanted effects caused by frictions

Compensates the effects from possible internal hydraulic leakages

User-friendly interface for quick and easy calibration and operation

Works directly with 12V and 24V systems and voltage converter is available for higher voltages



## What is it for?

PTE Scales mobile weighing solutions are based on hydraulic measurements to achieve the most reliable weighing results. However, many of the forklifts tend to have internal leakage and frictions in the hydraulic lifting system. To be able to use hydraulic scale under these conditions, there must be something to overcome undesired effects.

That is what the DynamicBlock is made for.

The dynamic weighing block is an accessory for all the PTE Scale models and is installed to forklift's hydraulic system. Pressing the weighing button on the display device triggers the dynamic weighing sequence. The forks will automatically lower for a user-given duration and speed. The display device calculates the weight accurately.

DynamicBlock can be used with any PTE Scales model with software versions above V2.0

## How does it work?

When weighing, the DynamicBlock opens a flow path from the lifting cylinder(s) to the tank. The oil flow is throttled to make a steady fork lowering movement. At the same time, the lifting cylinder pressure behavior is accurately measured and scaled to actual load weight. After the weighing is completed, the DynamicBlock does not affect the normal forklift usage.