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Bench scale types and its various applications by [Mark Taylor](#)

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Bench scales are one of the most rampantly used weighing equipment particularly in industries. It offer correct and accurate results and that is one of the reasons for its popularity. It is defined as platforms that are used to measure different objects. More to the point they are available in various designs to fulfill different requirements.

You can choose from different models, designs, sizes, prices and weight capacities and select the one that ideally suits your industry requirements. Generally speaking, these scales can cover weights from 150g to 300 kg.

Bench weighing scales are available as either all in one or detachable configuration. The all-in-one configuration has integrated platform and weighing indicator, while the detachable version has separable platform and weighing indicator. There are two main types of these scales includes parts counting, parcel weighing, portion control and others.

Each type of bench weighing scale has its own unique features and applications. Different brands of bench scales are available for varying applications such as weighing freight, ingredient weighing and stock control. Bench weighing scales are widely used in the manufacturing, packaging, and shipping areas of agricultural field, cargo services, courier services, vegetables/fruit markets, poultry, homes, offices, etc.

Other different types include:

1. Heavy Duty Bench Scales
2. Warehouse Bench Scales
3. Food Preparation Scales and
4. Top Pan weighing Scales

These types of scales are predominantly used for industrial and commercial purposes.

Heavy Duty Bench Scales are meant for weighing and counting applications mostly in industrial environment and they are also used by freight and airline companies. Top pan weighing scales are used for weighing and counting applications in light industrial environments. Top pan weighing scales are known for high resolution and accuracy.

These scales come with sophisticated features - a user friendly interface, auto shut off, weighing tools and printing options. Some of them also have battery indicator, battery operator and adaptor.

Generally they are constructed with stainless steel and have prominent LCD or LED screen which shows the weight. Bench weighing scales are also made of optimum grade of raw material like iron sheets and rods, nickel, brass alloys, etc. It provides the measurements in terms of pounds or kilograms conversion.

Whenever a number of items are the package, the scale can clearly determine if either an extra part has been packed or if anything has been missed. The digital display is an attractive bench scale feature. Ideally, the numbers should use a graphics format, allowing them to be big and bold, and

easy to read from afar. A graphic screen is also capable of providing messages and instructions to the user.

Since there are various types of scales, you must exercise caution while buying a bench scale. The prime factor to be considered while you choose a bench weighing scale is the specific application.

Make sure to choose a bench weighing scale model for which spares are readily available. The most common cause of bench scale compliant is the failure of the load cell. Usually, this occurs if something is dropped on the scale, or if loads that exceed the scale capacity are placed on the platform.

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[Mark Taylor](#) - About Author:

Mark Taylor is an expert author for floor scales and truck scales. He has written many articles like a [Weighing scales](#) and weighing scales. For more information visit a [counting scales](#).

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