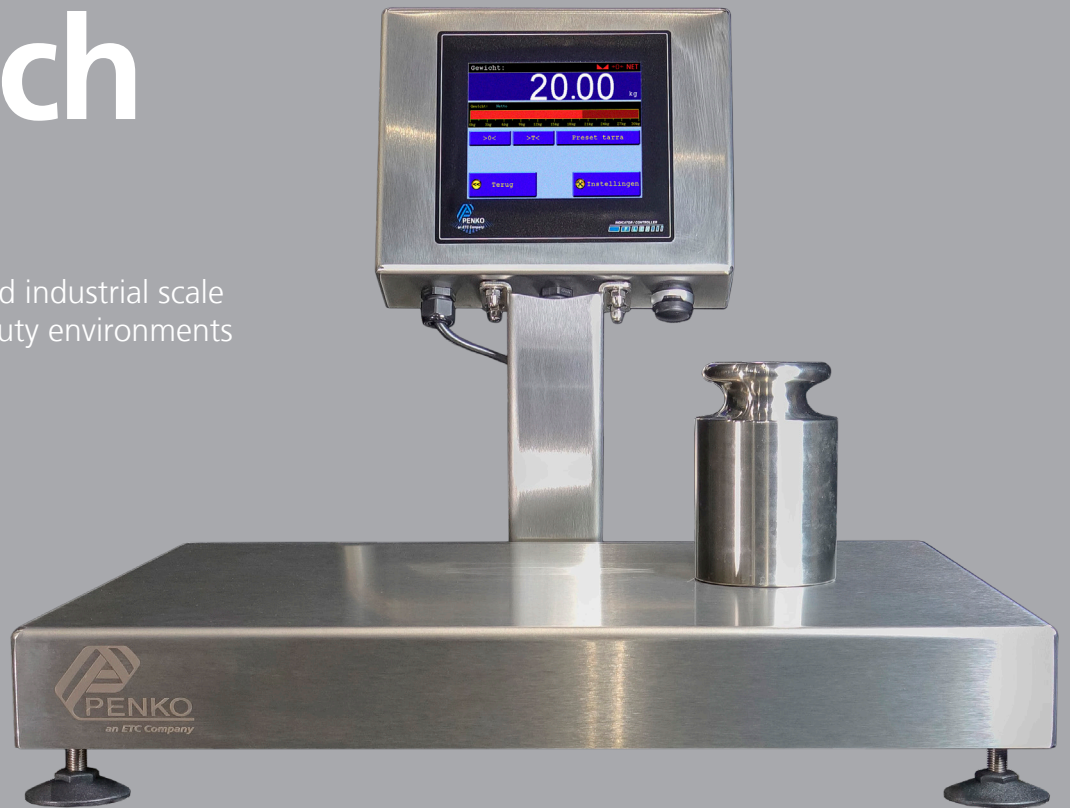


Bench scale

A PENKO-designed industrial scale range for heavy duty environments



FEATURES

- ✓ Heavy duty centre cell platform
- ✓ Sturdy design for stable weighing signal
- ✓ Certifiable
- ✓ Capacities for 3 kg up to 60 kg
- ✓ Sizes 300 x 300 mm and 400 x 500 mm
- ✓ Overload protection at the corners of the platform
- ✓ Available as indicator / piece counter, manual filler / check weigher or registration version

A fully PENKO designed industrial scale range for heavy duty environments. The scales are manufactured from stainless steel, type 304. They contain stainless steel load cells (type AISI 420) with an IP rating of 68/69K. Both the load cell and the electronics

used are OIML certified. The scales can be used for weight indication or piece counting but are also available in more advanced versions. The manual filling / check weighing version shows a bargraph (red-green-yellow) to indicate the correctness of

the weight against the setpoint. The registration version makes it possible to register (specific) weighing data for further processing in e.g. spreadsheet program or ERP system.

BENEFITS

Stiffness

The stiffness of the frame is ensured by the thickness and design of the stainless steel frame and the top plate. PENKO's well-shaped frame design, thoroughly tested by FEA simulation as well as with actual weights, prevents the frame from bending under full load.

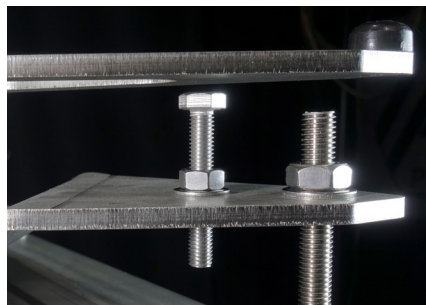
The top plates have a thickness of 1 mm. The thickness of the 400 x 500 mm upper and bottom frame is 6 mm. For the 300 x 300 mm, the upper frame and the bottom frame has a thickness of 4 mm and the top plate has a thickness of 2 mm.



Leveling

Weighing scales perform best on even surfaces. Most floors are slightly uneven. To compensate for that, PENKO scales can be leveled out with height adjustable feet that are incorporated

in the design as a standard. It allows for a height adjustment of 10 mm. To easily check if the platform is leveled out, a bulls-eye is attached to the frame.



Overload protection

Load cell overload protection is included at all four corners of PENKO's scales. This prevents the development of unwanted shear forces on the load cells, extending the load cell's life expectancy.

Benefits of PENKO design

Our designs are based on the experience and expertise which we have built over our 40+ years of existence. It resulted in a scale range with the following features:

- ✓ A stiff frame
- ✓ Leveling possibility for adjustment to uneven floors
- ✓ Load cells overload protection
- ✓ An accessories range focused on enhancing the user experience

ACCESSORIES



- ✓ A stainless steel stand with integrated control panel
- ✓ Data Reporter software (windows based) for registering weighing data
- ✓ Mobile support frame: The frame places the surface of the platform at a height of 800-900 mm, the perfect working height. Manufactured from stainless steel 304. Including 4 height adjustable stainless steel caster wheels (two with break; two without break) with either white nylon or blue polyurethane running surface

Model	Sizes	Load cell type	Loadcell capacity	Weighing capacity	Accuracy
Bench	300 x 300 x 110/135 mm	PC6 Y=25 000	20 kg	3 kg	1 g
Bench	300 x 300 x 110/135 mm	190i Y=10 000	20 kg	6 kg	2 g
Bench	300 x 300 x 110/135 mm	190i Y=10 000	50 kg	15 kg	5 g
Bench	300 x 300 x 110/135 mm	190i Y=10 000	75 kg	30 kg	10 g
Bench	400 x 500 x 110/135 mm	190i Y=10 000	75 kg	30 kg	10 g
Bench	400 x 500 x 110/135 mm	190i Y=10 000	200 kg	60 kg	20 g