Choose Your Terminal
Build the Perfect Scale

When paired with the right terminal and connectivity option, PBA757 weighing platforms are excellent stand-alone solutions for many industries and applications.

**Bench/Portable Terminals**
Intuitive menus and robust design make these easy-to-use terminals a natural choice for weighing tasks, such as counting, checkweighing and totalizing.

**Windows based Terminals**
The intelligent IND690 PC weigh scale terminals support Windows-based applications, enabling development of custom interfaces to meet a multitude of weighing needs.

**Process Terminals**
Designed for performance and versatility, this terminal is easy to integrate into industrial weighing systems and processes.

For more Terminal informations visit:
www.mt.com/terminal

www.mt.com/PBA757
For more information

PBA757
For Dynamic & Static Applications
Reliable in Harsh Conditions
Accurate and Fast Results
Rigid and Rugged Construction

Precise Weighing, Great Value
For Manufacturing and Logistic Applications
Designed for Dynamic and Static Use
Highly Accurate and Rigid

The robust and reliable lever system grants excellent corner- and side-load stability, which makes this platform an excellent solution for many dynamic and static conveyor applications. Furthermore, it is the best choice for a multitude of counting and simple weighing tasks. The approvable readability is as high as 6,000e. In non-legal-for-trade applications, stable resolutions of up to 60,000d can be achieved.

As indicated below: The unique mechanical design offers many benefits, particularly in dynamic applications.

Weighing in the Center
Thanks to the specialty designed construction, accurate results can be achieved not only in the middle of the platform, but also at every other load position.

Weighing on the Side
Fast and accurate dynamic weighing results can be achieved, thanks to the special mechanical structure, which accurately measures loads placed on the side of the platform up to maximum load.

Weighing on the Corners
Whether installed in an automated weighing system, or used with a roller conveyor, the platform does not bend – even when the load is placed on the corner of the platform. The weighing process is very stable and disruptive self-vibrations do not occur.

Fast Dynamic Weighing
The unique mechanical design of the PBA757 platform series allows for stable weighing results even in fast dynamic conveyor applications. It facilitates high throughput and faster processes.

Accurate Piece Counting
This scale allows you to count exact quantities of large and small parts. Verify incoming goods, keep track of stock movements and monitor production output.

Check Package Completeness
We ensure that you can keep your quality promise. Accurately fill customer orders with exactly the right number of pieces, on time and with the required labels.
With this unique design, our robust platform series is built to withstand error-causing outside influences, such as vibrations, heavy impacts and temperature changes. That makes it a reliable solution for static and dynamic weighing applications when fast and accurate weighing results matter.

**Reliable Performance**
The robust and highly reliable lever system facilitates excellent corner- and side-load stability.

**Increased Throughput**
Fast stabilization times and update rates guarantee short cycle times in many static and dynamic applications.

**Safe in Hazardous Areas**
The platforms are approved for use in the presence of flammable gases and dusts in Zone 2/22.

**Sophisticated mechanical protection for reliable weighing**
These stainless steel platforms feature different 4 shock-absorbing systems to eliminate the negative influence of static and dynamic impacts on the weighing result.

**The Heart of the Platform**
The high performing analog load cell is the core of the PBA757 weighing platform. For easy system integration, a digital interface is offered as an option.
Variability and Accuracy
Fulfill All Your Requirements

Technical Specification

- **Resolution (max. recommended)**: 60,000d
- **Ingress Protection**: IP66
- **Material**:
  - Frame: Mild steel powder coated
  - Load plate: Stainless steel AISI310
  - Load Cell: Aluminium
- **Load Plate Surface**: ISO 18259 (welding lines excluded)
- **Cable Length**: 2.5 m (suitable)
- **Scale Interface**: Analog
- **Suitable Indicators**:
  - Analog: Any analog MT terminal
  - Analog Zone 2/22: IND570xx, IND780xx
  - SICSpro: Any MT SICSpro terminal
- **IP65 with ATEX converter: IND570, IND690, IND780, ICS_5, ICS_9**
- **Temperature Range**: 10°C – 40°C
- **Available Options**:
  - Load Plate: AISI316 / dynamic load plate
  - Interface: Digital (SICSpro), digital (SICSpro with cable adaptor SICSpro-IDNet).
  - Cable length: 5 m, 10 m, test certificate

Standard Configurations

<table>
<thead>
<tr>
<th>Model</th>
<th>Platform size</th>
<th>Weighing Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBA757-B</td>
<td>400 x 500 [mm]</td>
<td>60 120</td>
</tr>
<tr>
<td>PBA757-C</td>
<td>600 x 800 [mm]</td>
<td>120 300</td>
</tr>
</tbody>
</table>

Approvable Readability

- Class III, 6000d
- Single Range

- **Min. Capacity (certified platforms only)**: 200 400 400 1000

- **Up to 6000d**:
  - (g) 1 2 2 5

- **Typical Values**:
  - Repeatability 600d (at max. load): 0.7 1.6 2 3.7
  - Error of indication Typ. (at half load): 1.9 3.1 2.5 13.4
  - Error of indication Typ. (at full load): 1.6 2.3 5.9 19

Dimensional Drawings

Accessories

<table>
<thead>
<tr>
<th>Article Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>503631</td>
<td>Bench Stand B-size, mild steel powder coated</td>
</tr>
<tr>
<td>503632</td>
<td>Bench Stand B-size, stainless steel</td>
</tr>
<tr>
<td>504853</td>
<td>Bench Stand CC-size, mild steel powder coated</td>
</tr>
<tr>
<td>504854</td>
<td>Bench Stand CC-size, stainless steel</td>
</tr>
<tr>
<td>504127</td>
<td>Pillar support mild steel</td>
</tr>
<tr>
<td>504128</td>
<td>Pillar support stainless steel</td>
</tr>
<tr>
<td>72198897</td>
<td>Cut (CC-size), mild steel painted</td>
</tr>
</tbody>
</table>

Columns

- 72198702 Column stainless steel, height 330 mm
- 72198703 Column stainless steel, height 660 mm
- 503640 Roller track, B-size, mild steel galvanized, suitable for hazardous areas
- 504852 Roller track, CC-size, mild steel galvanized, suitable for hazardous areas
- 22001647 Roller track, B-size, stainless steel
- 22001648 Roller track, CC-size, stainless steel
- 72198891 Bolt for B-size
- 72198893 Bolt for CC-size

Roller Track

- 72026963 ACC409xx: Adapter to convert SICSpro to IDNet
- 30024759 Extension cable 10m (two M12 plugs)

Connectivity

- 72026863 SICSpro: Adapter to convert SICSpro to IDNet
- Please connect only to IND570, IND690, IND780, ICS_5, ICS_9
- 50024759 Extension cable 100m (two M12 plugs)