Technical Data sheet

Multifunctional Workbench Top

◆ Product Description

The workbench top is a core load-bearing component of workbenches in scenarios such as industrial production, laboratory operations, and warehousing and logistics. Adopting a multi-material adaptive design, it integrates core advantages including high-strength load-bearing capacity, wear resistance, durability, and scenario-based adaptability. Corresponding materials and specifications can be selected according to different operational requirements, providing a stable, safe, and practical working surface for various workbenches. It is a key supporting component for constructing equipment such as Lean Tube workbenches, anti-static workbenches, and heavy-duty operating platforms.

- Multi-material & Precise Scenario Adaptation
- High-Strength & Multi-grade Load-bearing Gradient
- Wear & Impact-Resistant, Long-lasting Durability
- Multifunctional & Customizable Upgrade
- Wide Compatibility & Easy Assembly & Disassembly

◆ Typical Product Data and Physical Properties

Material: Solid Wood Plywood / Solid Wood Composite Board
Thickness: 15MM
Base Material Tensile Strength: ≥35MPa
Uniform Load-Bearing Capacity: 300-500kg/m²
Single-Point Load-Bearing Capacity: ≥80kg

◆ Product Structure

- The workbench top adopts an overall three-layer composite structure consisting of a load-bearing layer, a functional layer, and a protective layer. Combined with installation/adaptation components and auxiliary functional components, it achieves the core values of stable force bearing, precise functionality, safety, and durability. The structural design balances ease of installation and operational safety, while detailed treatments such as edge protection and hole reinforcement extend its service life and meet diverse operational needs.

Availability:

Item#	Material	Thickness	Weight/ Square Meter
1.4.01.03.0021	Solid Wood Plywood	15MM	12kg
1.4.01.03.0022	Solid Wood Plywood+ Anti-Static Rubber Mat	15MM	12kg
1.4.01.03.0019	Solid Wood Composite Board	15MM	12kg
1.4.01.03.0020	Solid Wood Composite Board+ Anti-Static Rubber Mat	15MM	12kg

◆ Typical Applications

- With its advantages of multi-material options and multifunctional customization, the multifunctional workbench top is precisely suitable for general industrial production workshops, anti-static scenarios in electronic manufacturing, heavy-duty workbenches in warehousing and logistics, precision laboratories, medical and chemical scenarios, as well as commercial office and light-duty operation scenarios. It can meet diversified needs such as load-bearing, protection, and cleanliness under different scenarios, providing stable and durable work surface support for various workbenches.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.