

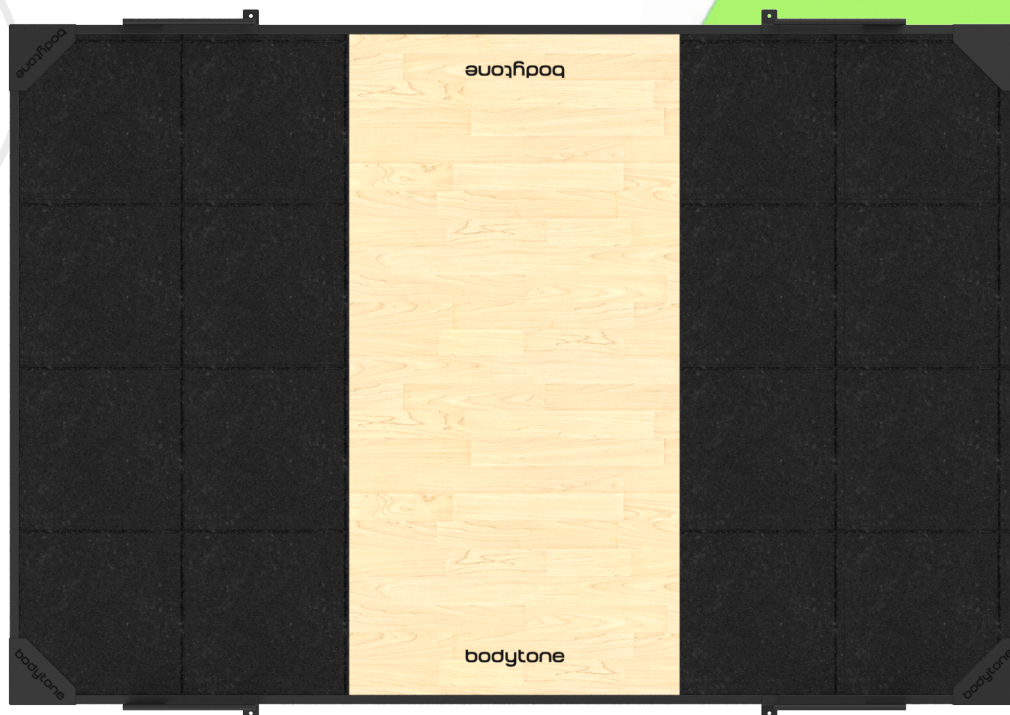
bodytone

LINEA FORZA RACKS



PPB

POWERLIFTING PLATFORM WITH BANDS SUPPORT



MEASURES

3064 x 2064 x 30 mm.

NET WEIGHT / GROSS WEIGHT

159kg / 172 kg.

STRUCTURE

Perimeter Frame: Constructed with 30 x 30 x 2 mm thick steel tubes, welded using a robotic process, ensuring a smooth finish without projections.

Floor Anchoring Plates: 3 mm thick plates ensuring secure fixation.

Perimeter Assembly: Fastened with screws for optimal stability.

Corners: 3 mm laser-cut steel plates.

RUBBER FLOOR AREA

Composed of 8 rough rubber tiles, each measuring 500 x 500 x 30 mm.

Density: 800 kg/m³.

Provides excellent impact absorption and cushioning.

Designed for medium to low bumpers and powerlifting exercises.

CENTRAL WORK AREA

Made from 30 mm thick solid bamboo wood, chosen for its durability and strength in powerlifting exercises.

Coated with a non-slip varnish to facilitate exercise performance.

Surface width: 1000 mm.

ELASTIC BAND SUPPORT

Equipped with 4 steel bar supports, each 398 x 20 mm in diameter, for resistance band exercises.

PPB POWERLIFTING PLATFORM WITH BANDS SUPPORT

PAINTING PROCESS

Layers: Three layers of paint.

Surface Preparation: Steel is pickled and stabilized through immersion in various degreasing solutions to ensure perfect and complete cleaning of the base material.

Primer: An anti-corrosive primer ensures proper insulation against internal oxidation and enhances paint adhesion.

Final Coats: Two layers of polyester epoxy powder paint, cured at 240°C.

DESIGN PROCESS

Biomechanics and Ergonomics: Developed under the supervision of professionals and associated athletes.

Development Stages: Includes sketching, engineering research, prototype production, and testing by professional athletes, leading to the final market-ready product.

