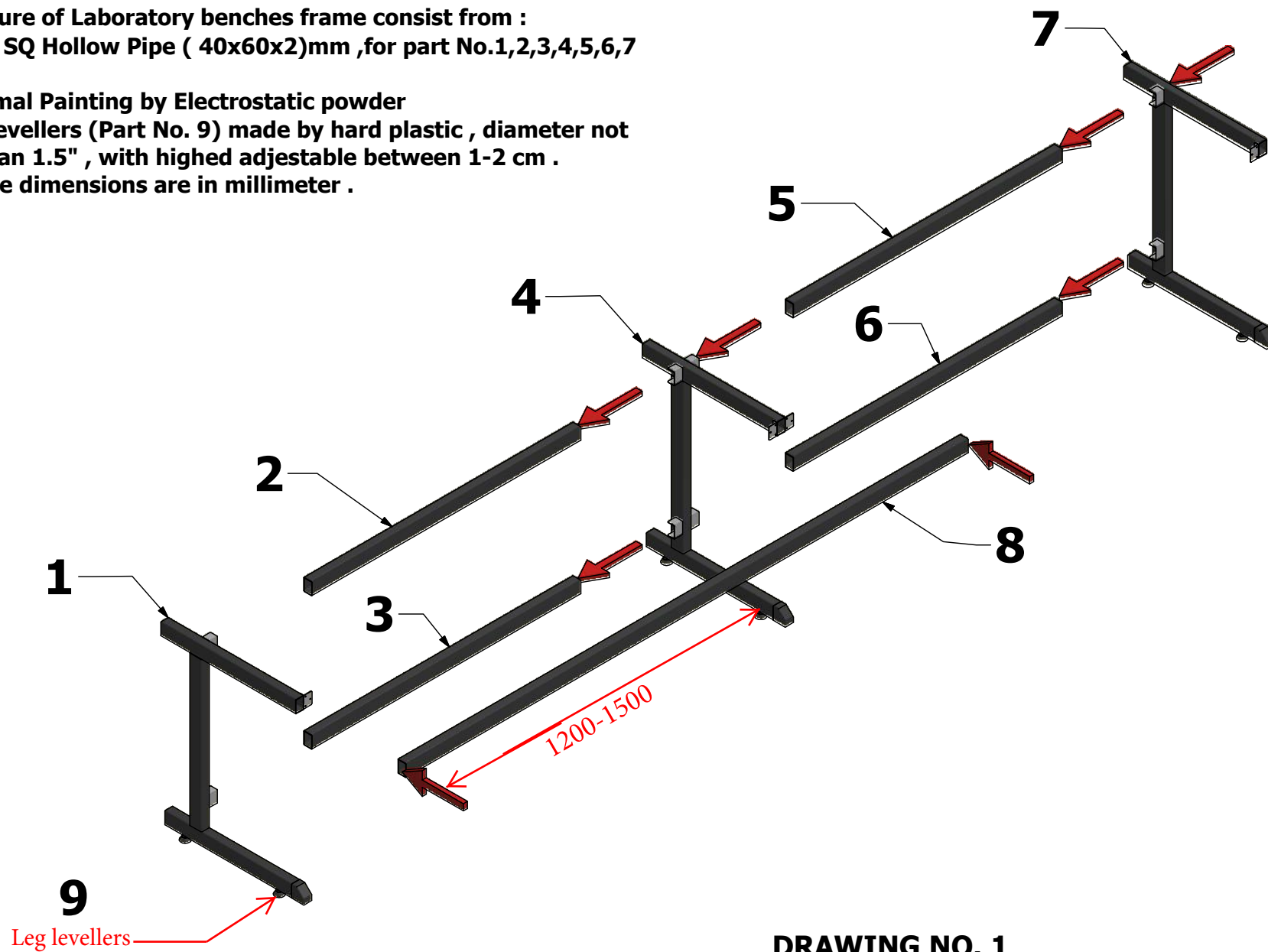


structure of Laboratory benches frame consist from :

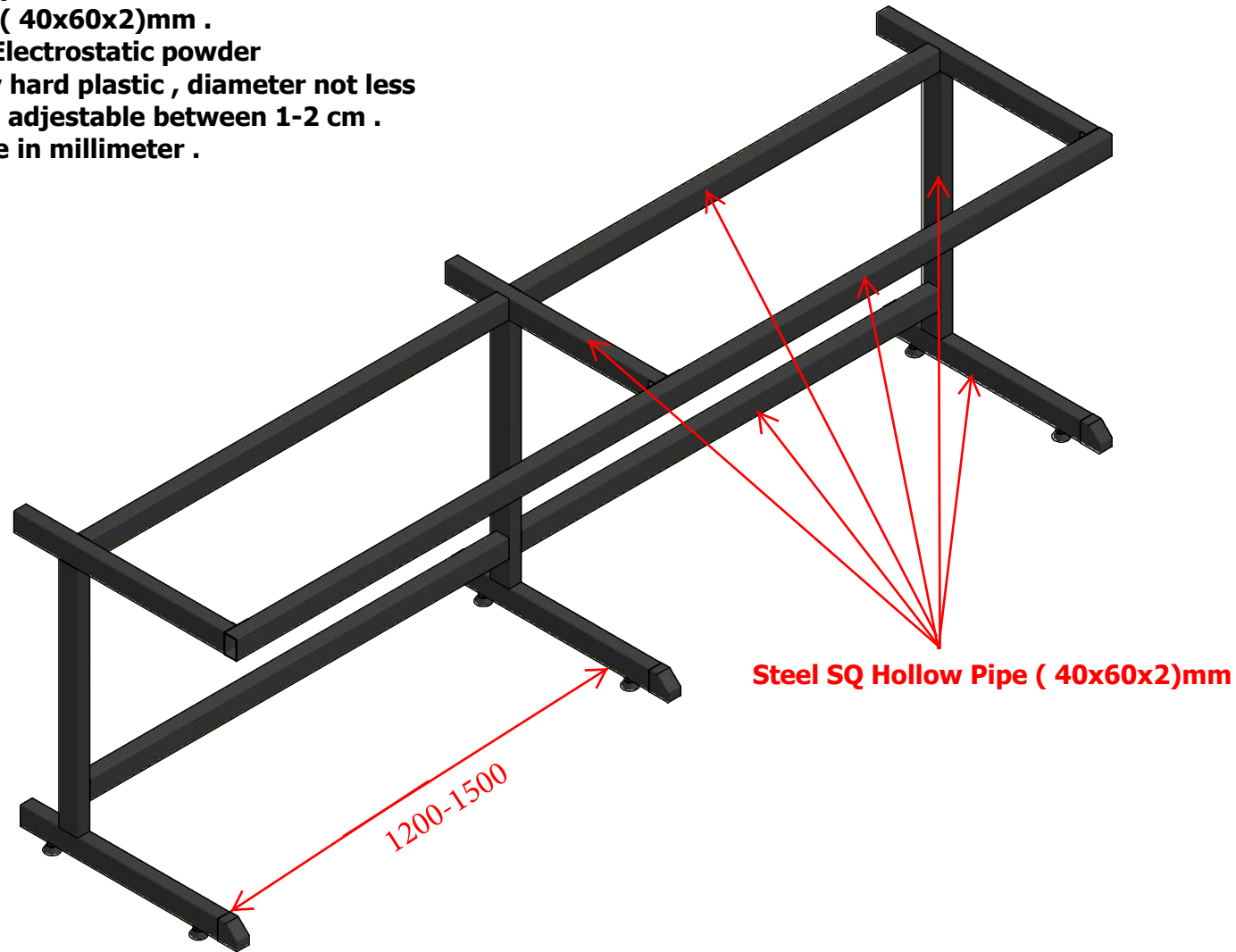
- Steel SQ Hollow Pipe (40x60x2)mm ,for part No.1,2,3,4,5,6,7 and 8
- Thermal Painting by Electrostatic powder
- Leg levellers (Part No. 9) made by hard plastic , diameter not less than 1.5" , with highed adjustable between 1-2 cm .
- All the dimensions are in millimeter .



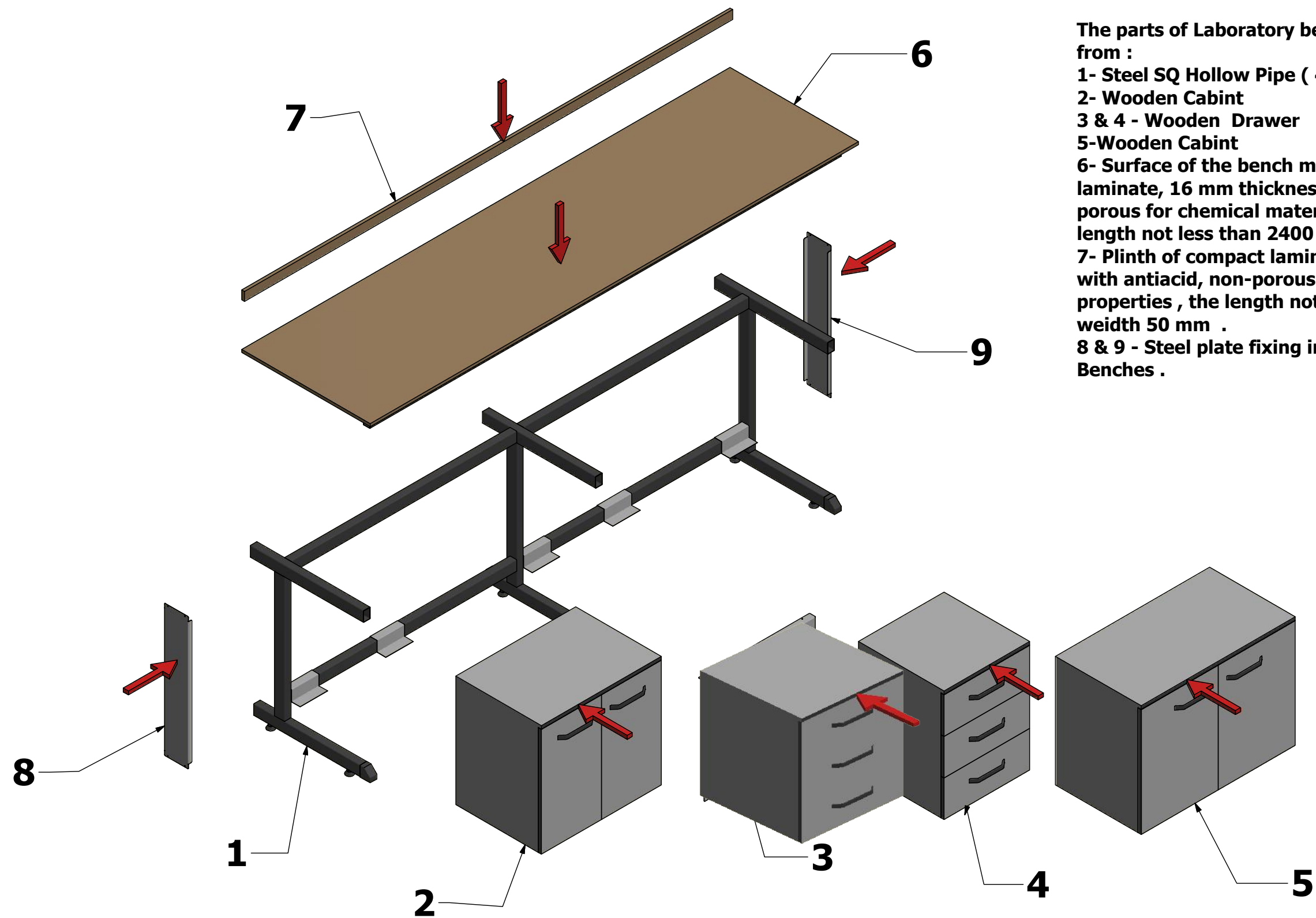
DRAWING NO. 1
STEEL FRAME OF THE BENCHES - LABORATORY
BENCHES

structure of Laboratory benches frame consist from :

- **Steel SQ Hollow Pipe (40x60x2)mm .**
- **Thermal Painting by Electrostatic powder**
- **Leg levellers made by hard plastic , diameter not less than 1.5" , with highed ajustable between 1-2 cm .**
- **All the dimensions are in millimeter .**



**DRAWING NO. 2
STEEL FRAME OF THE BENCHES - LABORATORY
BENCHES**



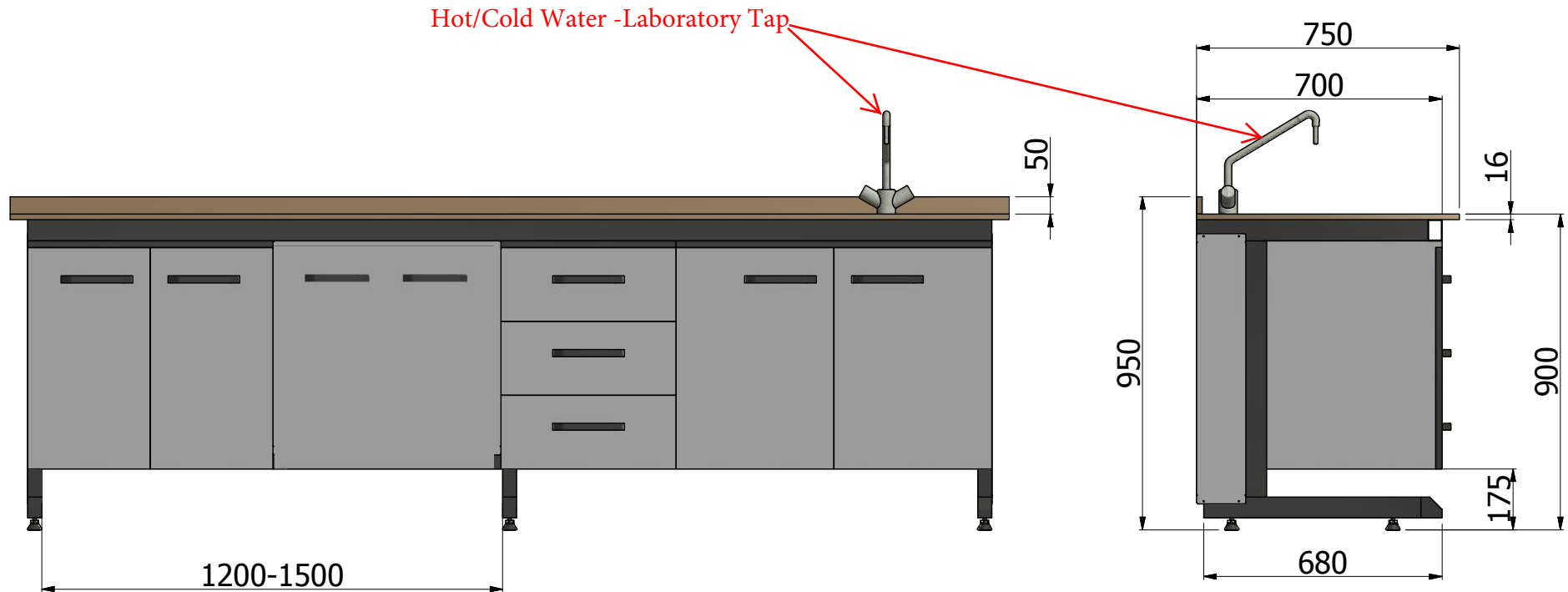
The parts of Laboratory benches frame consist from :

- 1- Steel SQ Hollow Pipe (40x60x2)mm .
- 2- Wooden Cabint
- 3 & 4 - Wooden Drawer
- 5-Wooden Cabint
- 6- Surface of the bench made of compact laminate, 16 mm thickness with antiacid, non-porous for chemical materials properties , the length not less than 2400 mm .
- 7- Plinth of compact laminate, 16 mm thickness with antiacid, non-porous for chemical materials properties , the length not less than 2400 mm , weidth 50 mm .
- 8 & 9 - Steel plate fixing in the ech end of the Benches .

DRAWING NO. 3
Steel Frame of the Benches with Wooden cabint
& Wooden drawer- LABORATORY BENCHES



DRAWING NO. 4
Final Design of the Benches with Wooden cabint
& Wooden drawer- LABORATORY BENCHES

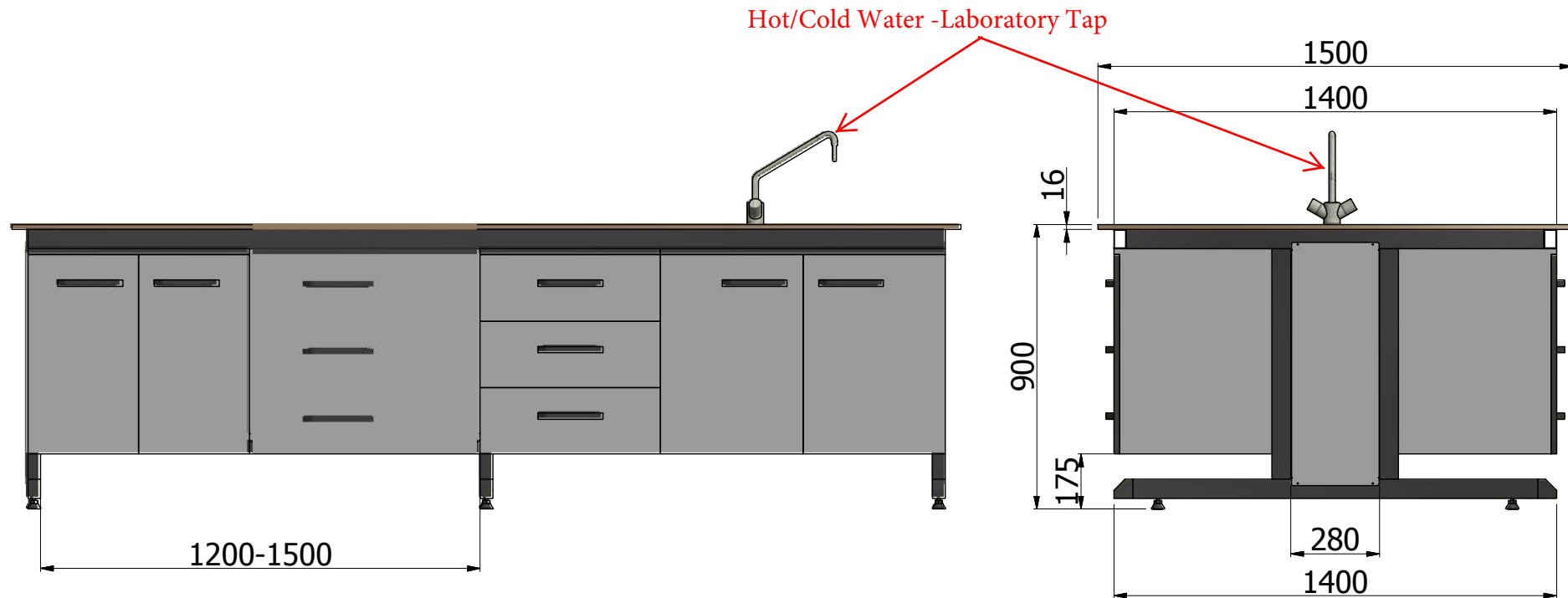


FRAME SYSTEM - LABORATORY BENCHES

- 16 mm Thickness , Antacid compact Laminate Surface .
- 16 mm Thickness , Antacid compact Laminate Surface for Plinth .
- 18 mm MDFLAM Cabinet and Drawer .
- Hot/Cold Laboratory Tap ,resistant to chemicals environments , and corrosive environments .
- 40x40x25 CM Polypropylene Sink , resistant to chemicals environments and corrosive environments.
- All the dimensions are in millimeter .

DRAWING NO. 5

The dimensions of the Benches beside the walls with Wooden cabinet & Wooden drawer - LABORATORY BENCHES

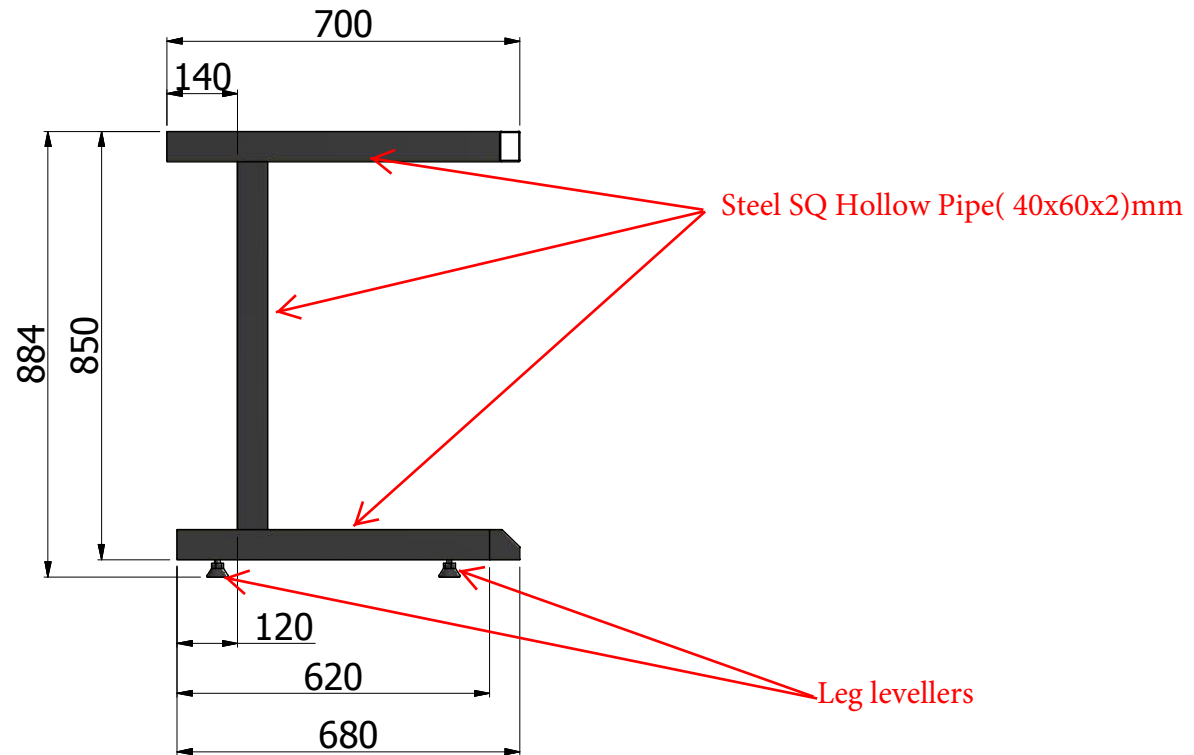


FRAME SYSTEM - LABORATORY BENCHES

- 16 mm Thickness , Antacid compact Laminate Surface .
- 16 mm Thickness , Antacid compact Laminate Surface for Plinth .
- 18 mm MDFLAM Cabinet and Drawer .
- Hot/Cold Laboratory Tap ,resistant to chemicals environments , and corrosive environments .
- 40x40x25 CM Polypropylene Sink , resistant to chemicals environments and corrosive environments.
- All the dimensions are in millimeter .

DRAWING NO. 6

The dimensions of the Benches in middle of the Laboratory with Wooden cabinet & Wooden drawer - LABORATORY BENCHES

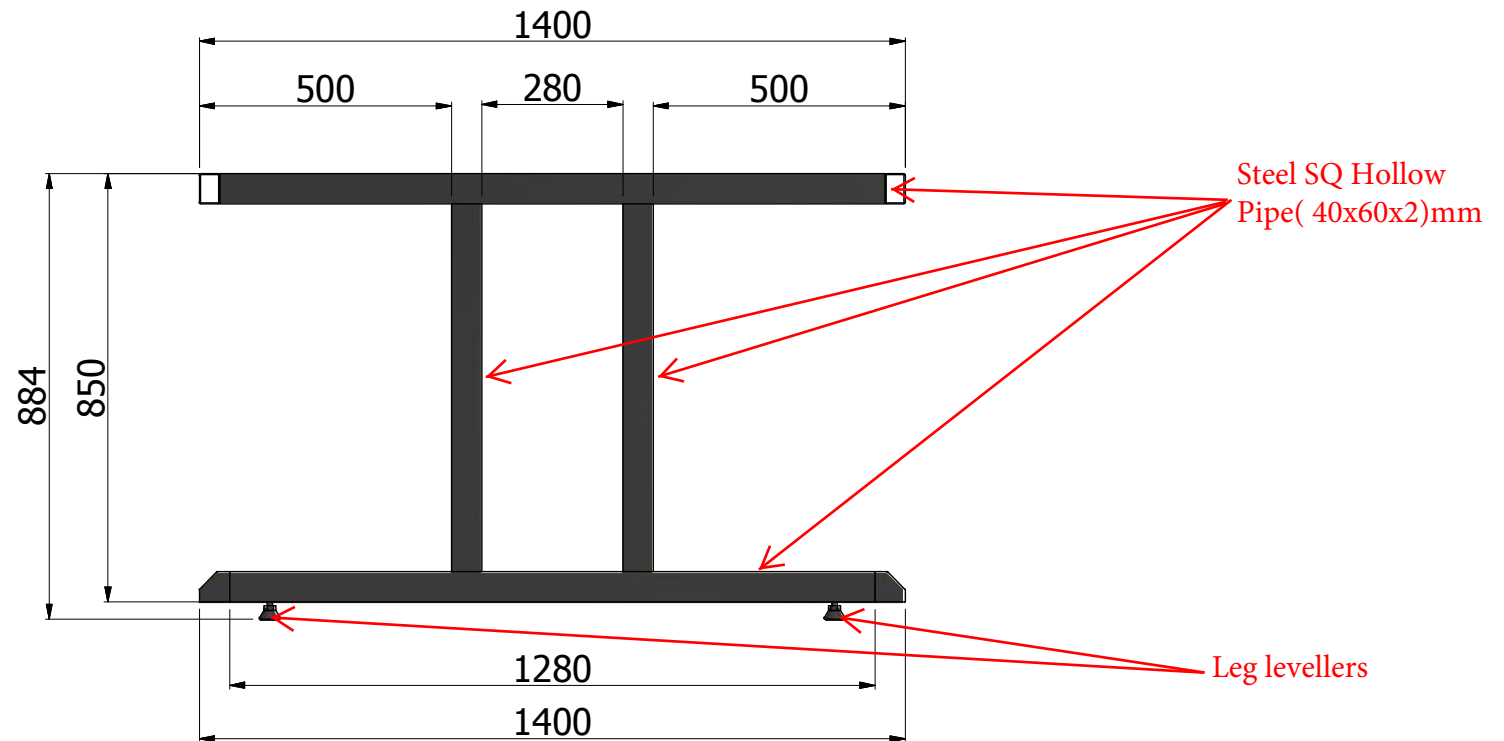


structure of Laboratory benches frame beside the walls

consist from :

- **Steel SQ Hollow Pipe (40x60x2)mm for Sections of the steel frame**
- **Thermal Painting by Electrostatic powder**
- **Leg levellers made by hard plastic , diameter not less than 1.5" , with high adjustable between 1-2 cm .**
- **All the dimensions are in millimeter .**

DRAWING NO. 7
STEEL FRAME OF THE BENCHES BESIDE THE
WALLS- LABORATORY BENCHES

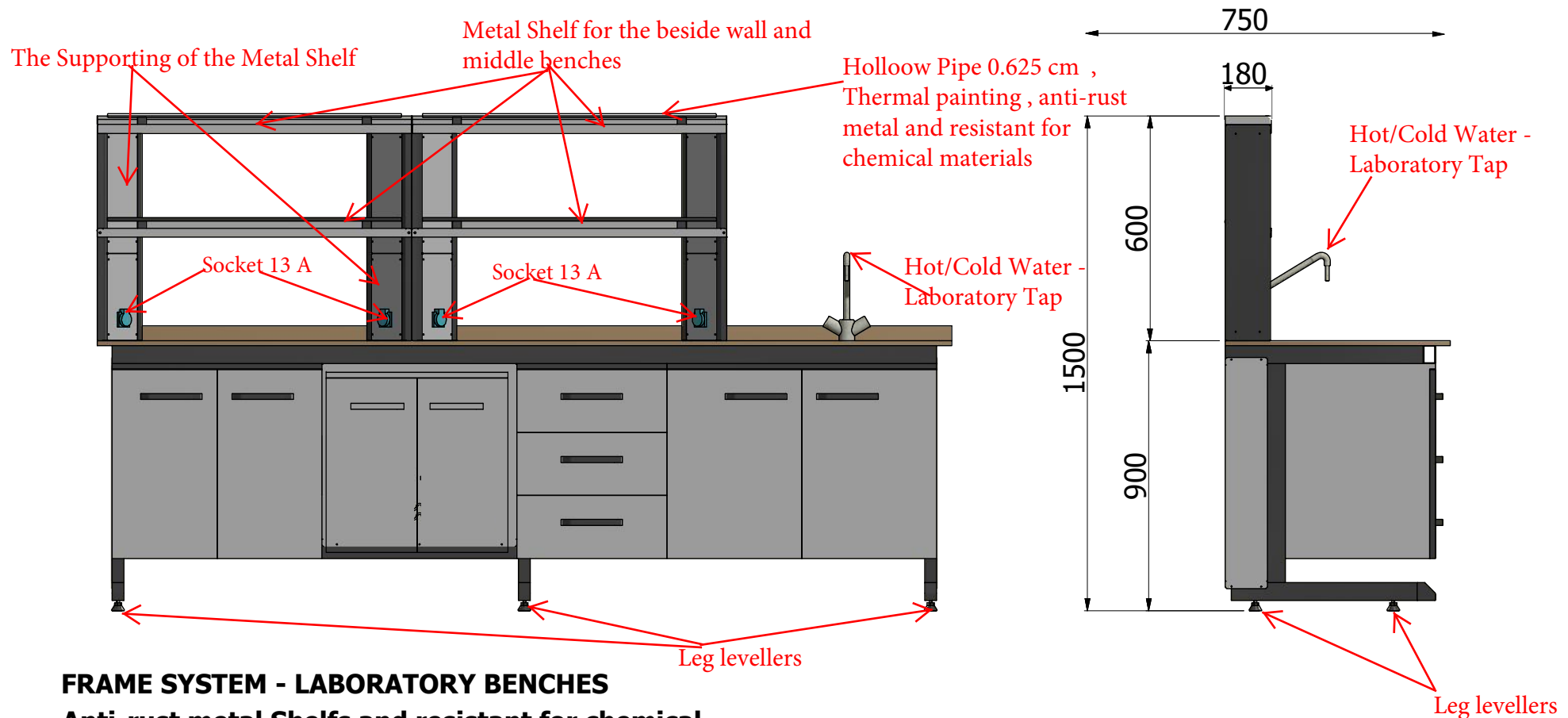


structure of Laboratory benches frame beside the walls

consist from :

- **Steel SQ Hollow Pipe (40x60x2)mm for Sections of the steel frame**
- **Thermal Painting by Electrostatic powder**
- **Leg levellers made by hard plastic , diameter not less than 1.5" , with highed adjustable between 1-2 cm .**
- **All the dimensions are in millimeter .**

DRAWING NO. 8
STEEL FRAME OF THE BENCHES IN THE
MIDDLE OF LABORATORY- LABORATORY
BENCHES

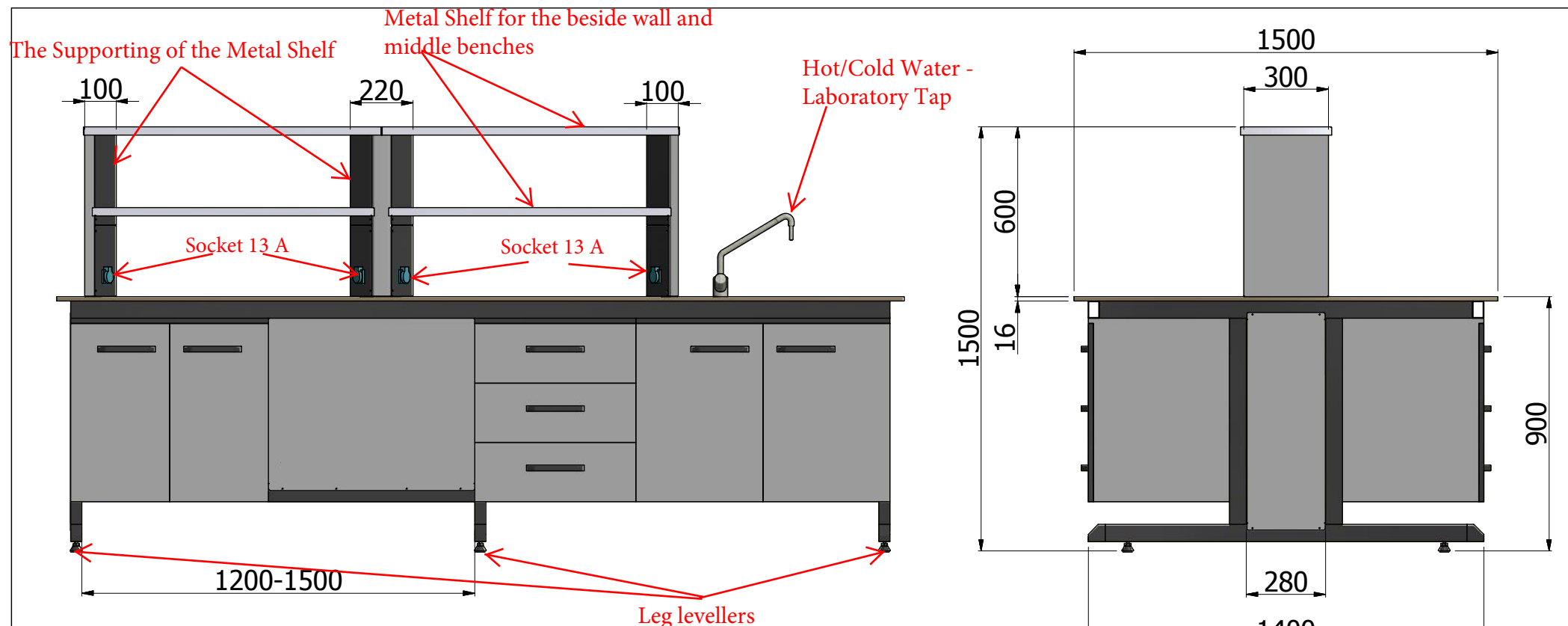


FRAME SYSTEM - LABORATORY BENCHES

- Anti-rust metal Shelves and resistant for chemical materials, with 2 mm thickness. width 300mm .
- 16 mm Thickness , Anti acid compact Laminate Surface of the Benches .
- 16 mm Thickness , Anti acid compact Laminate Surfac for Plinth .
- 18 mm MDFLAM Cabint and Drawer .
- Hot/Cold Laboratory Tap ,resistant to chemicals environments , and corrosive environments .
- 40x40x25 CM Polypropylene Sink , resistant to chemicals environments and corrosive environments.
- All the dimensions are in millimeter .

DRAWING NO. 9

The dimensions of the Benches Bisde the walls of the Laboratory with the Metal Shelves and the Wooden cabinet & Wooden drawer -
LABORATORY BENCHES

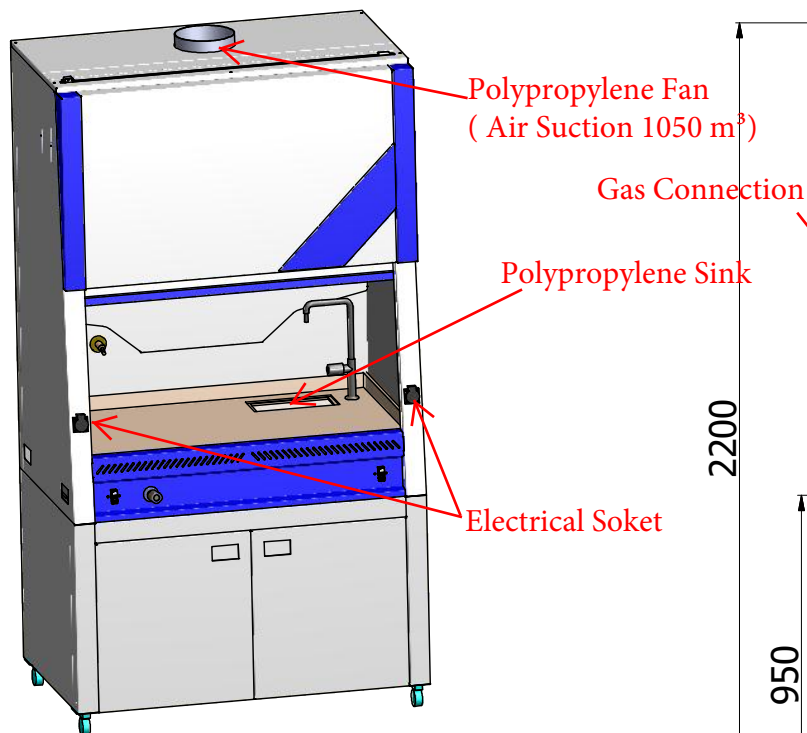


FRAME SYSTEM - LABORATORY BENCHES

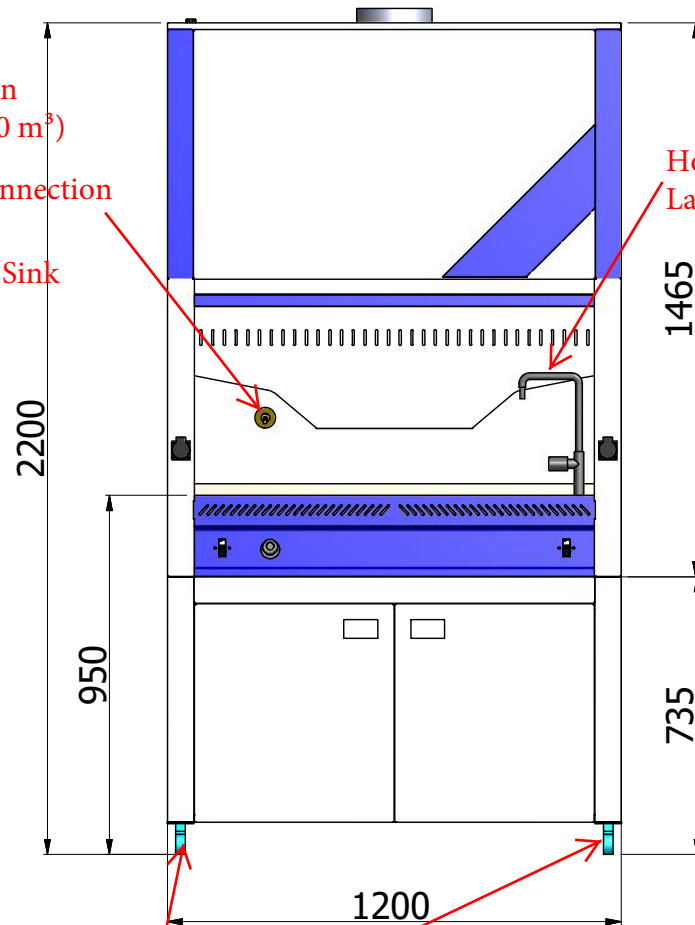
- Anti-rust metal Shelves and resistant for chemical materials, with 2 mm thickness. width 300mm .
- 16 mm Thickness , Anti acid compact Laminate Surface of the Benches .
- 16 mm Thickness , Anti acid compact Laminate Surface for Plinth .
- 18 mm MDFLAM Cabint and Drawer .
- Hot/Cold Laboratory Tap ,resistant to chemicals environments , and corrosive environments .
- 40x40x25 CM Polypropylene Sink , resistant to chemicals environments and corrosive environments.
- All the dimensions are in millimeter .

DRAWING NO. 10

The dimensions of the Benches in middle of the Laboratory with the Metal Shelves and the Wooden cabinet & Wooden drawer -
LABORATORY BENCHES

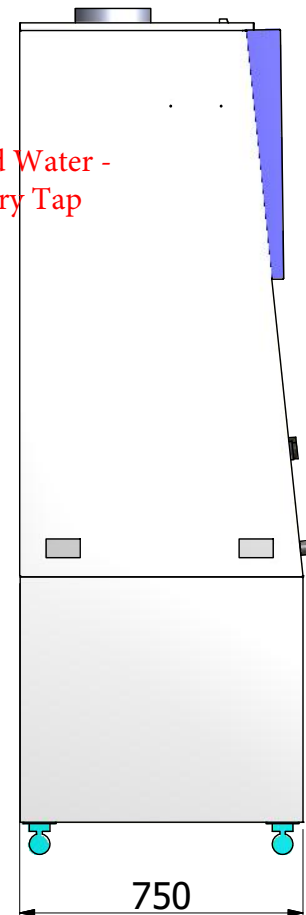


- Dimension of the hood (WxDxH)1200x750x2300 mm
- According to EN 14175 Standard .
- 1 mm Thickness of Galvanized Steel Plate .
- Thermal Painting by Electrostatic powder
- Polypropylene Fan (Air Suction 1050 m³)
- Sound level less than 60 db .
- Chimney Flexible Connection .
- Automatic Cabin Window Control .
- Glass thickness 6 mm.
- Working Floor of the hood 12 mm Anti acid compact Laminate
- Cabin Lighting Fluorescent lamp .
- Laboratory Tap .
- Polypropylene Sink .
- Gas Connection .
- Gas Tap
- 2 Pcs 220 V Electrical Socket .
- Leg levellers made by hard plastic , diameter not less than 1.5" , with high adjustable between 1-2 cm .
- All the dimensions are in millimeter



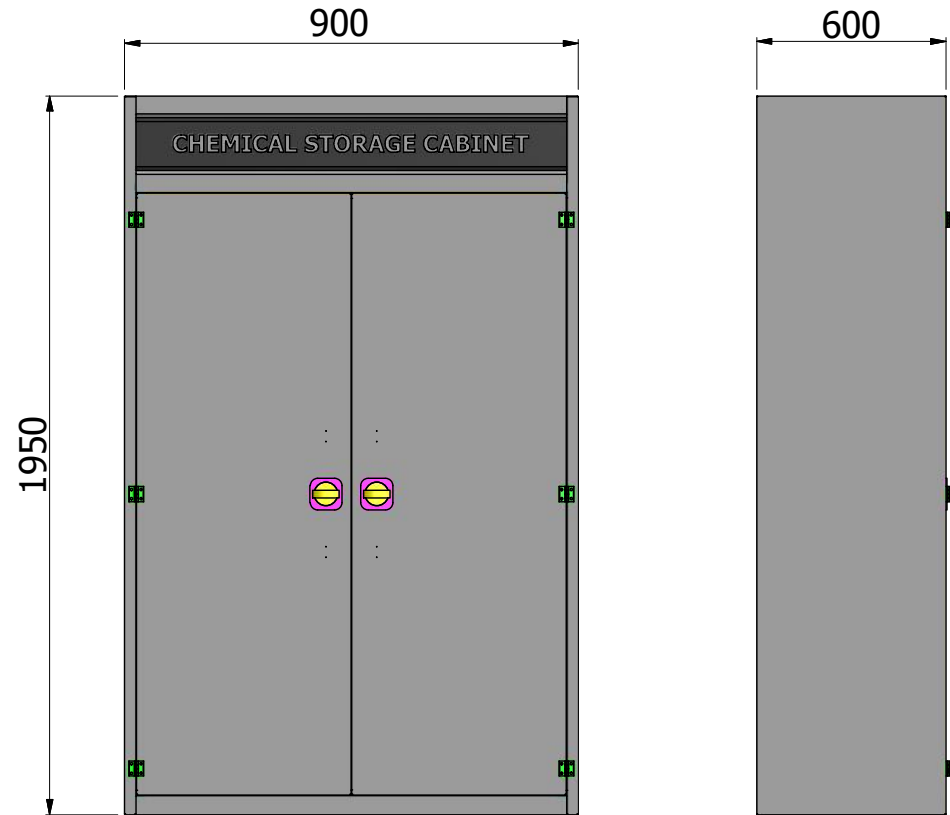
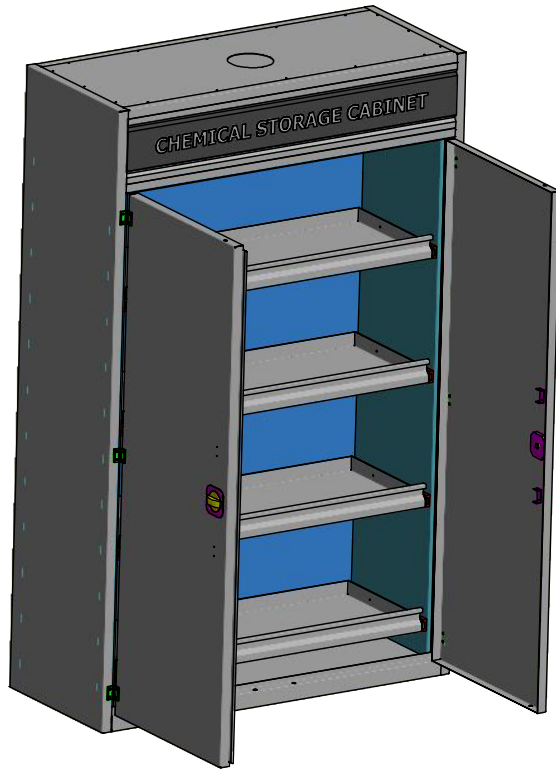
Leg levellers

Hot/Cold Water -
Laboratory Tap



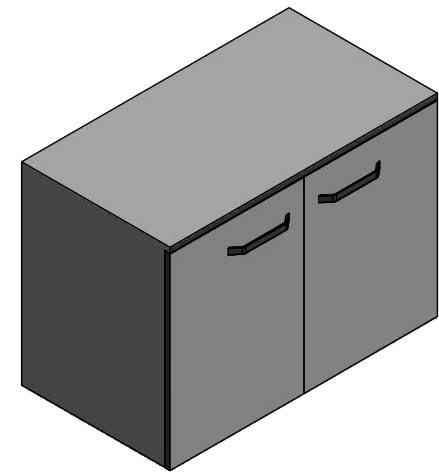
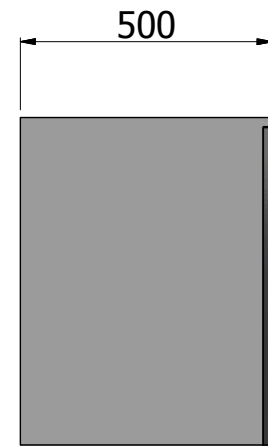
DRAWING NO. 10

The dimensions & Section & the specification of
the Fume Hood in the Laboratory -
LABORATORY BENCHES



- The dimension of the storage cabinet (900x600x1950) mm
- Accordance to EN-14175 Standard.
- Plate Thickness 1 mm Galvanized Steel .
- Thermal Painting by Electrostatic powder -
- Diameter of the Ventilation output 125 mm
- Chimney Flexible Connection .
- Telescopic Rail Drawer
- Locked Cover System .
- ISO 3864

DRAWING NO. 11
The dimensions & Section & the specification of
the Acid and base Storage Cabinet in the
Laboratory - LABORATORY BENCHES

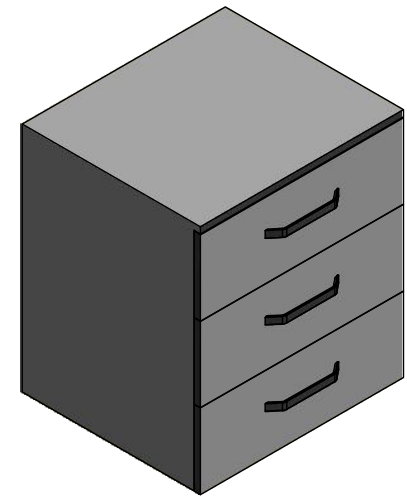
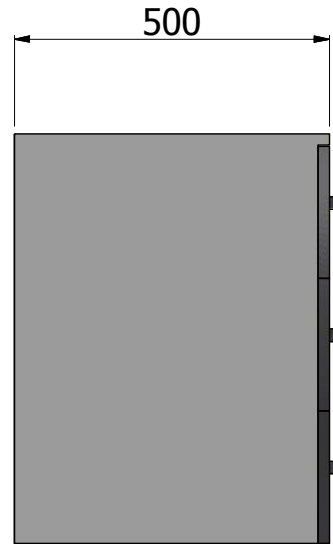
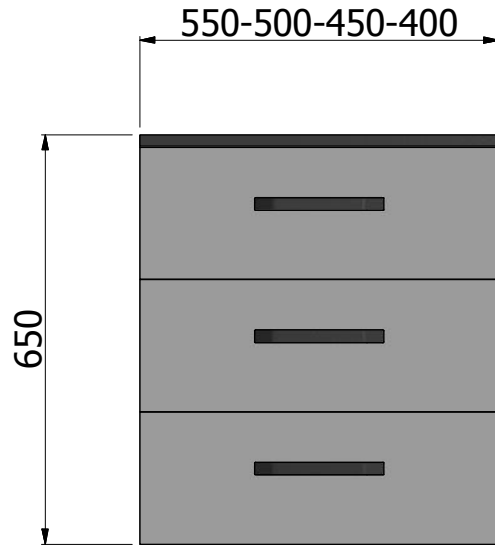


Wooden Cabint

- 18 mm MDFLAM Cabint
- 18 mm MDFLAM Backrest .
- Edges 1 mm PVC Coated .
- 1 Pice with Shelf .
- Brake Hinge 90° .

DRAWING NO. 12

**The dimensions & Section of the Wooden
Cabint- LABORATORY BENCHES**



Wooden Cabint

- 18 mm MDFLAM Drawer .
- 18 mm MDFLAM Backrest .
- Edges 1 mm PVC Coated .
- 3 Pices of the Drawer in 1 cabint .
- Telescopic Rail .

DRAWING NO. 13

**The dimensions & Section of the Wooden
Drawer - LABORATORY BENCHES**









Emergency Eye Wash and Safety Showers

Emergency Eye Wash and Safety Showers

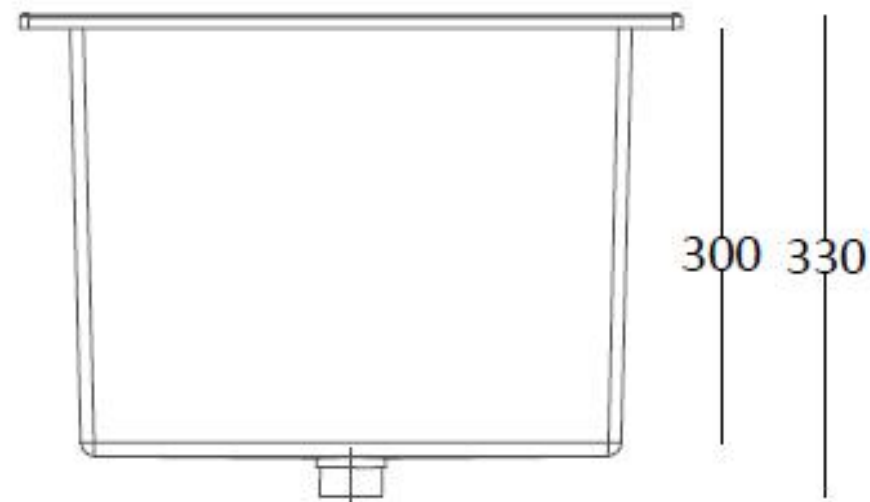
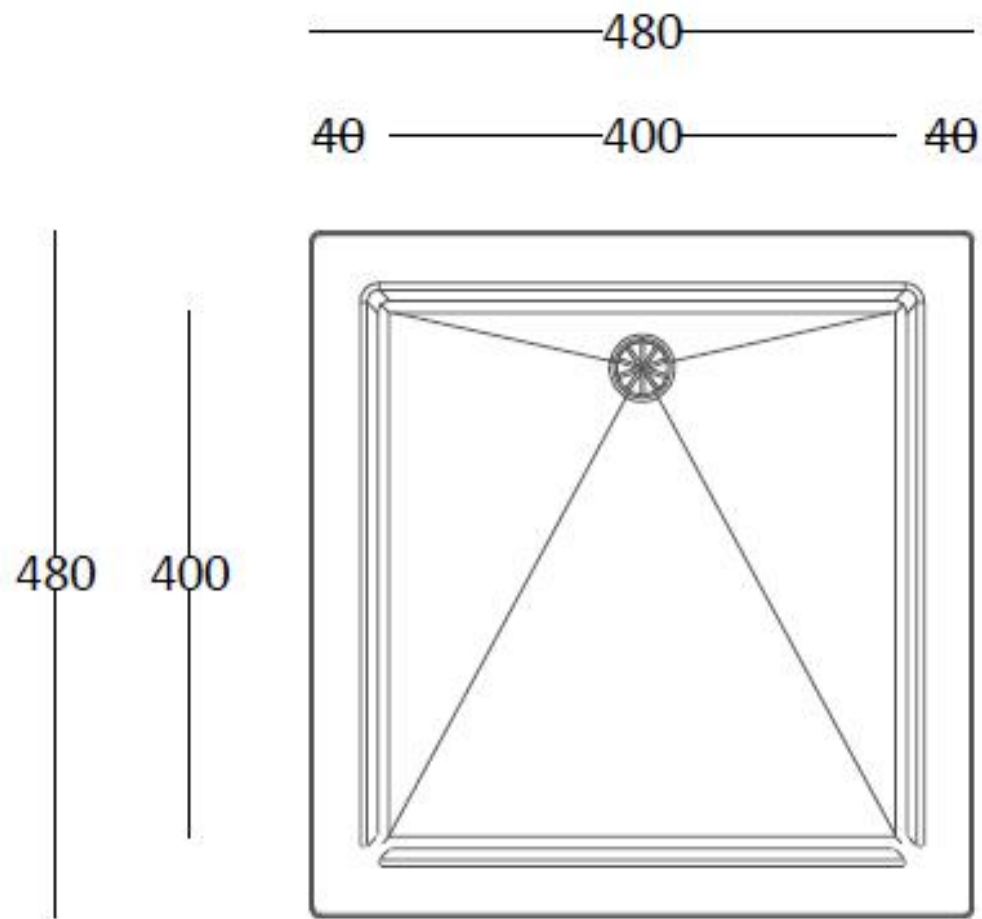
In case of any exposure to chemical liquids and acid vapors used in a laboratory, exposed parts must be washed with a plenty of water as an emergency procedure. There are Emergency Eye Wash and Safety Showers for this purpose. Emergency Wash and Safety Showers are located at a point which is possible to quickly access in a working environment. All the parts are covered with powerful polyester powder enamel over brass that is highly resistant to chemicals and abrasive substances and manufactured at CE-DIN12899-UNI19608 standards. moved on the bench at the right-left, forward-backward, and upward-downward directions . It may be easily moved and rotated from the hinges fixing on the beneath . 360 degree rotatable, easily moving polypropylene joints.





- The frame is made of iron tube with thickness 2 mm , painting by Chemical powder coated .
- The shaft made by stainless steel swivel stool .
- round foot ring and extra wide base for stability.
- comfortable to sit and can be washed and cleaned and disinfected if contaminated .
- The shaft can be lift by hydrolic oil Bustm or manual adjustment with stand of feet .
- the Seat size Diameter 330 mm The Stool is height and low with Bustm systems .
- The height of the Stool between 46.5-65.5 cm .
- angle of rotation 360 degree.
- The seat is high quality plastic and comfortable .

DRAWING NO. 15
The Laboratory Stool - LABORATORY
BENCHES



- Made of high quality anti-corrosive, anti-acid plastic material .
- Provided with water tap and all necessary fitting parts. and the dimensions (400x400x300) mm -
- All Dimensions are in millimeter**

DRAWING NO. 16
The Sections of the Bench Basin Sink
- LABORATORY BENCHES

Fittings and Armatures

Laboratory fittings and armatures are specially manufactured at DIN 12918 standard for air, water, gas, vacuum, combustible gas, pressurized air etc. . The valves of the armatures are made of brass pressed at high temperature. Armatures are covered with enamel . Laboratory fittings are made of the plastic materials and used according to the respective requirements. All brass parts are covered with powerful polyester powder enamel resistant to chemicals and corrosive environments. Thus, it has external structure resistant to chemical environments.



Single Water Tap



Double Hot & Cold Water Tap



Single Pure Water Tap



Single Gas Tap



Double Gas Tap



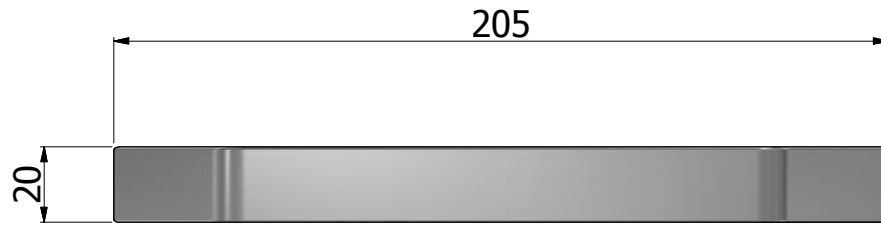
Tower Output, Single Water Tap



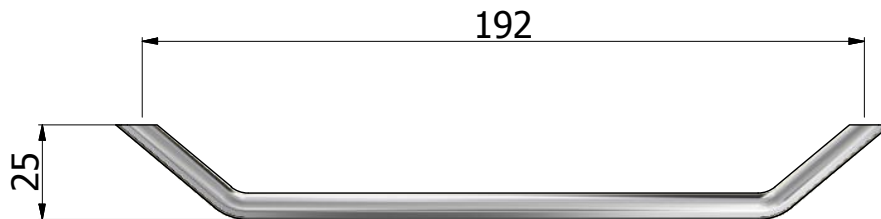
Tower Output, Single Water Tap



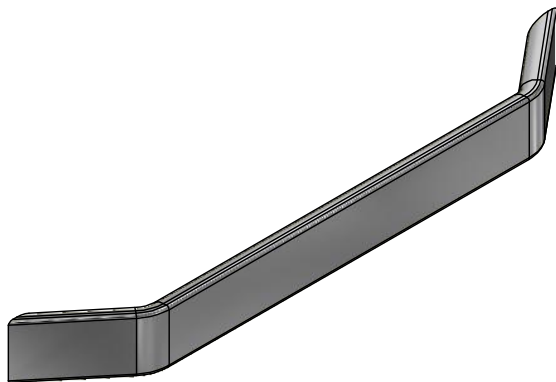
Tower Output, Single Gas Tap



Front View of the Chrome handle



Top View of the Chrome handle



3D View of the Chrome handle

FRAME SYSTEM - LABORATORY BENCHES

- Chrome handle for the door of woodn cabint and woodn drawers
- resistant esistant to chemicals environments and corrosive environments.
- The diamension of the handle for the drawers and doors for cabint width 25mm , Length 205 mm . with 5 mm thickness .
- All the dimensions are in millimeter .

DRAWING NO. 19

The Shap and the dimensions of the Chrome handle for door of woodn cabint and woodn drawers in the Benches

- LABORATORY BENCHES