

About Our Company

We are the first manufacturer of tube settlers and lamella settlers in Istanbul/Turkey.

Our brand name is TUPSET. Our product can be used for both drinking water and waste water.

We have a large amount of national and international references with years of professional experience and extensive knowledge of the tube settlers.

Our aim is to provide every possible convenience to our customers and in order to benefit our customers economically, we provide the service of manufacturing and assembling tube settlers on the customer's production site (at the site indicated by the customer), both nationally and internationally.

Its our utmost priority to provide low price Tube Settlers and Lamella System without compromising on the quality of the product in order to achieve high rate of sedimentation and clarification. Our cost effective and high quality products are what makes us different from our competitors.

Tube Settler Systems for Clarification

Tube settlers use multiple tubular channels which are sloped at an angle ranging from 55°- 60° and are adjacent to each other, which combine to form an increased effective settling area.

This provides with a particle settling depth that is significantly less than the settling depth of a conventional clarifier which results in reducing settling times. Tube settlers capture the settleable fine floc that escapes the clarification zone beneath the tube settlers and allows the larger floc to travel to the tank bottom in a more settleable form.

The tube settler's channel collects solids into a compact mass which promotes the solids to slide down the tube channel.

Why Tube Settlers ?

In order to enhance the performance, Tube settlers offer an inexpensive method of upgrading existing water treatment plant clarifiers and sedimentation basins. They can also reduce the tankage/footprint required in new installations and also improve the performance of existing settling basins by reducing the solids loading on downstream filters.

Due to the fact that Tube settlers are made of lightweight PVC, they can be easily supported with minimal structures that often incorporate the effluent trough supports.

They are available in a variety of module sizes and tube lengths to fit any tank geometry, with custom design and engineering offered by the manufacturer.

We produce tube settlers, lamella and sheets which incredibly increase quality of clarification/sedimentation units outlet. Tube settlers are generally made from PVC material and also PP and stainless steel sheets and are used either in the form of frame or frameless.

Our products are preferred by DSI, Municipalities and all water and waste water companies. We have hundreds of tube settlers implementation on both national and international level. Tube settlers have a certificate of suitability for watery food and potable treatment plant. Standard colors which are offered are grey and black. Our production technique is very easy and suitable. Firstly, trapeze sheets are produced. Each of the two trapeze sheets are connected to each other with ultrasonic welding machine and then are cut from both ends with angle ranging from 55-60 degrees. A combined (welded) form of two trapeze sheets is called a unit tube settler/lamella. These tube settlers are then put in order either into a frame of tube settlers or basin.

Specifications of Tube settlers

- * Resistant to impact
- * Resistant to sun light
- * Dust and germs proof
- * Flame-proof
- * Durable
- * Acid-resistant
- * We have a certificate of conformity in drinking water. (Issued by the Ministry of food, from the Government of Turkey.)
- * We have many national and international references (Used in municipal water treatment plants)

MODELS OF TUBE SETTLERS

- **BT SERIES BLOCK MODEL – FRAMELESS**

L : 50-500 cm

W : 20-70 cm

H : 50-120 cm

A : 10.50 m³/m²

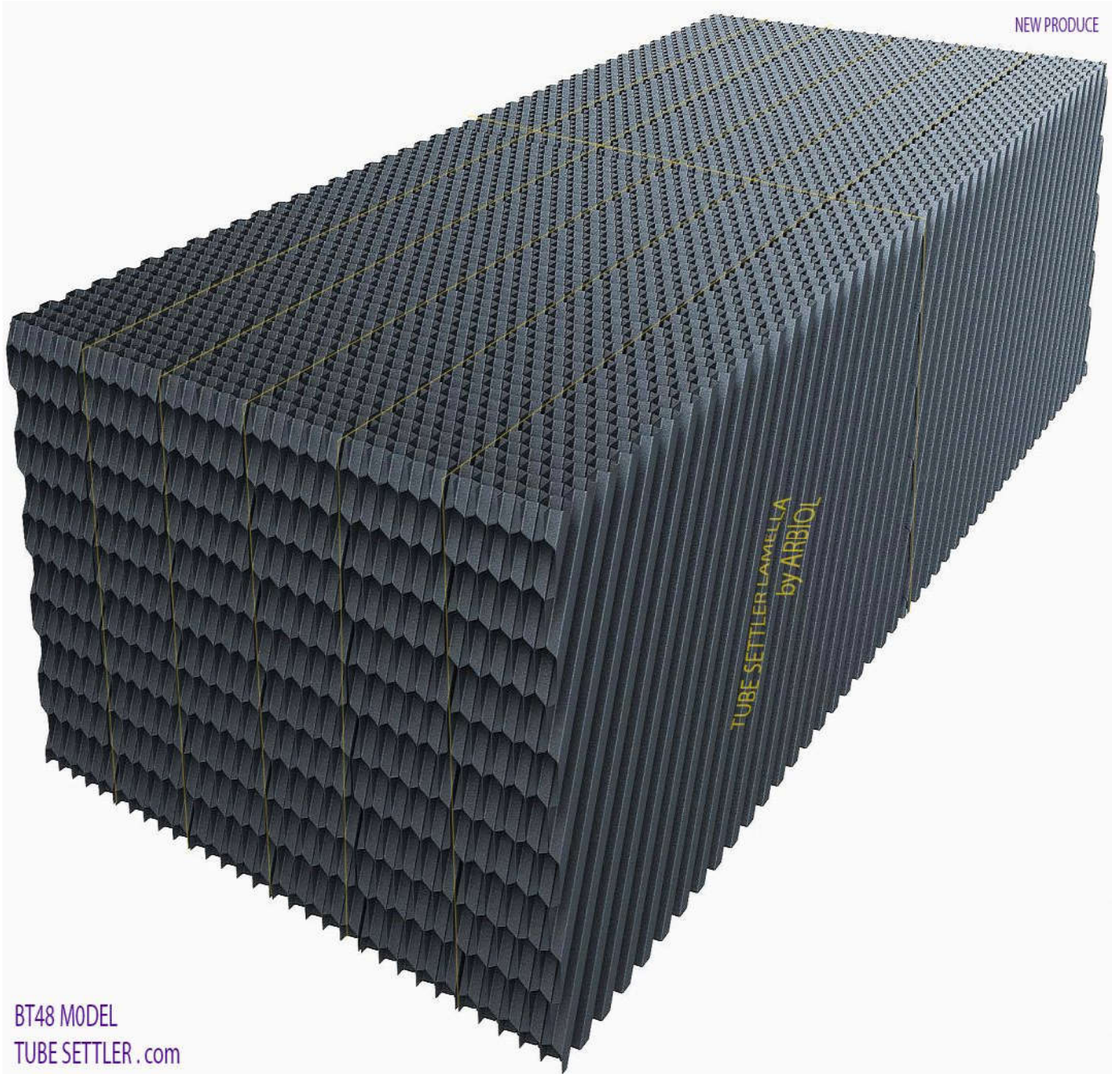
For drink water

NEW PRODUCE
2017



BT48 MODEL
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- **BT SERIES BLOCK MODEL – FRAMELESS**



- **CT SERIES BLOCK MODEL – FRAMELESS**





- **CT SERIES MODEL – WHIT FRAME**

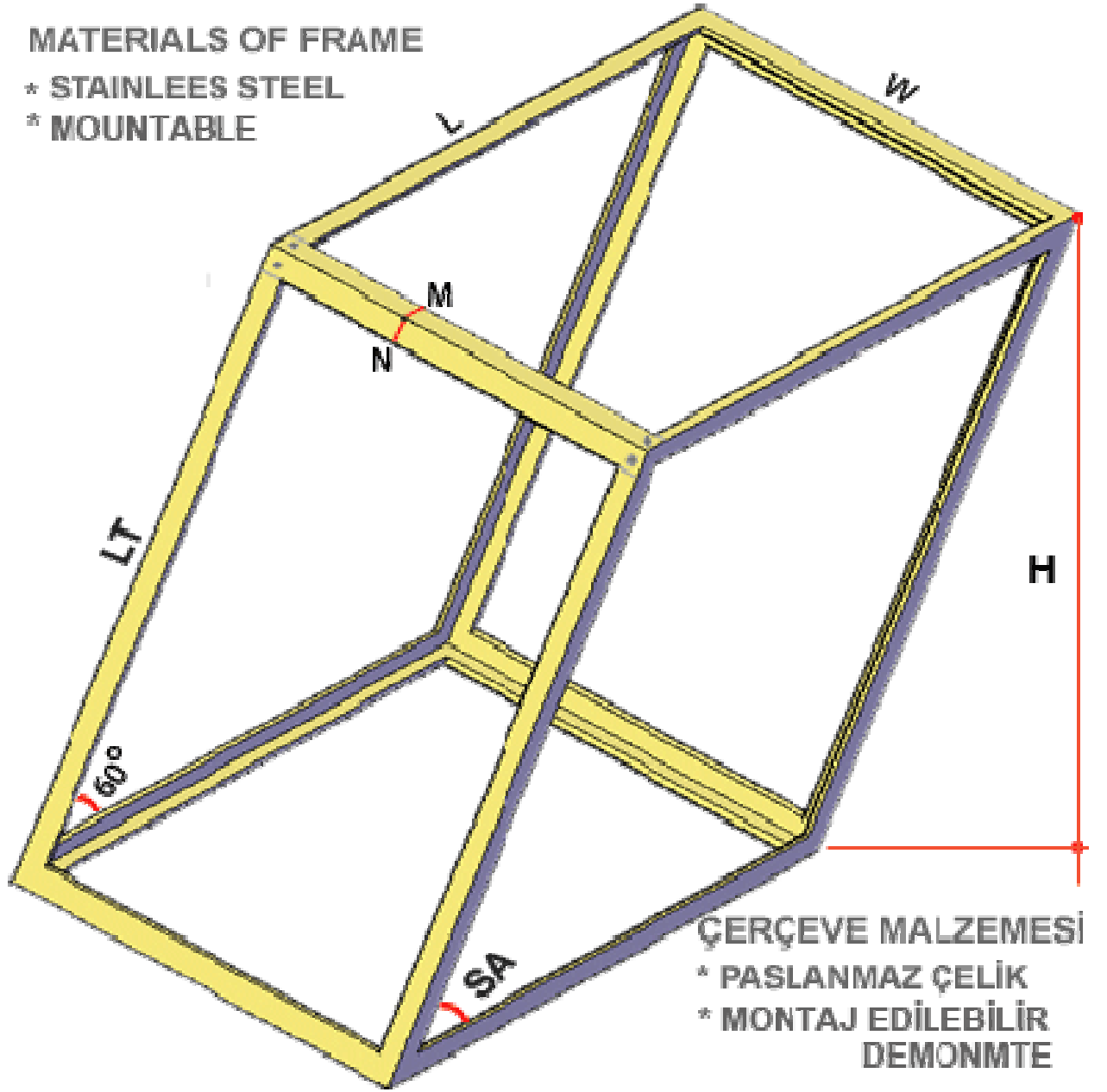




- **FRAME**

MATERIALS OF FRAME

- * STAINLEES STEEL
- * MOUNTABLE



L : 60-160 cm

W : 60-200 cm

H : 60-140 cm

M/N : 45-60 mm

SA : 55-60 Degre

STAINLEES STEEL

Thickness 2-4 mm

Weight 20-60 kg/m3

Mounting by screw