



PRODUCT CATALOG

KALIBRE WATER TECHNOLOGIES

www.kalibrewt.com

1

Treatment Activity

Chemical Treatment / Biological Treatment
/ Package Treatment / Drinking Water /
Odor Treatment / Pumping Stations

CHEMICAL TREATMENT

It is the treatment processes applied to ensure that substances that are dissolved or suspended in water are deposited by changing their physical state. The units of the chemical treatment process are the neutralization section where the wastewater is brought to the appropriate pH range, the coagulation section where the chemical substances that provide the wastewater sedimentation are added, and the flocculation section where the coagulant added wastewater is mixed at the proper rate and the flocculation occurs and precipitation occurs. With the chemical treatment process, parameters such as suspended solids, COD, BOD, heavy metal and phosphorus are removals.



www.kalibrewt.com

CHEMICAL TREATMENT

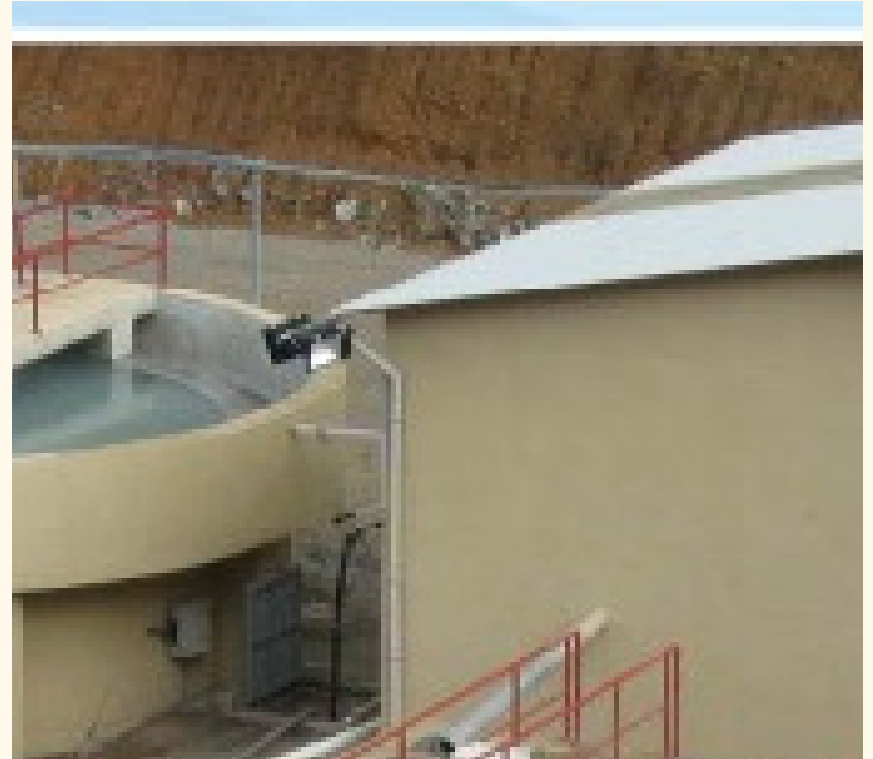
Filter Press / Flocculator / Settling Tanks /
Pressure Sand Filter / Vertical Mixers





BIOLOGICAL TREATMENT

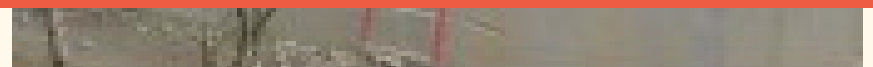
It is the process of removing organic based solid substances in wastewater from wastewater by disintegration by microorganisms. At the end of the shredding process, the cleaned wastewater remains on top while the microorganisms settle on the bottom. This system is also called activated sludge system. The most common aerobic biological treatment application is the activated sludge process. Activated sludge processes consist of pre-precipitation pools, aeration pools, final precipitation pools and a disinfection unit. Disinfection is the process of removing bacteria and viruses in the wastewater treatment plant before the effluent is discharged.



www.kalibrewt.com

BIOLOGICAL TREATMENT

Package Unit / Concrete System / SBR
System / MBBR System





DRINKING WATER TREATMENT

Drinking Water Treatment Plants are built to treat ground and surface water sources found in nature for us to use or drink. These systems are mostly designed and constructed for 20.000 population and over with different types of units used. System design can depend on the flow(m^3/day), quality(pollution parameters) and the distance from water source to treatment plant. Generally Drinking Water Treatment Plants consist of :

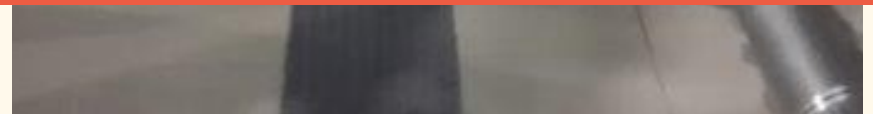
Physical Treatment, Aeration, Coagulation, Flocculation, Chemical Dosage Units, Sedimentation Units, Sludge Dewatering and Disinfection units.



www.kalibrewt.com

DRINKING WATER TREATMENT

Rever Water Treatment / RO System





PUMPING STATIONS

With the increasing number in population and residences, existing sewage systems and storm sewer are becoming insufficient. Thus new networks have to be constructed. Pumping stations has to be built when water itself cannot reach to desired location. Pumps are selected depending on the pumping stations' location and water characteristics.

KalibreWT is offering wide variety of solutions for pumping stations including equipment manufacturing, automation, installation and operation.



www.kalibrewt.com

PUMPING STATIONS

Lifting Station FRP



2

Fiberglass Products

Horizontal Storage Tanks / Vertical FRP
Tanks / Package Treatment / Septic and
Effluent Tanks / Sectional Water Tanks



CYLINDER FLAT BOTTOM WATER
TANK

Product Dimensions and Capacities

Models	Length (cm)	Width (cm)	High (cm)
40 Ton water tank	870	260	230
30 Ton water tank	660	260	230
20 Ton water tank	450	260	230
10 Ton water tank	410	215	177
4 Ton water tank	235	175	165
3 Ton water tank	195	175	154

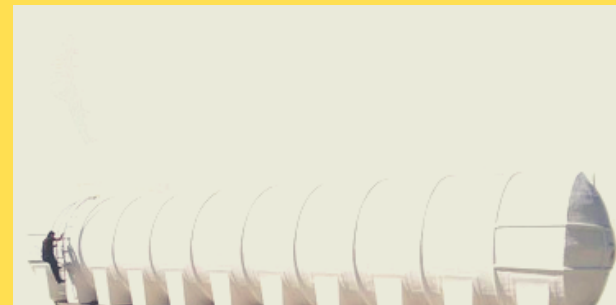
Our horizontal rectangular and cylindrical water tanks which are manufactured by full safety system under high quality standards, can be used in every field of life thanks to their easy to use feature.



GLOBE MODEL WATER TANK TANKS

Product Dimensions and Capacities

Models	Length (cm)	Width (cm)
3.000 Lt Water Tank	193	160
2.000 Lt Water Tank	159	152
1.500 Lt Water Tank	152	125
1.000 Lt Water Tank	132	110
750 Lt Water Tank	110	108
500 Lt Water Tank	105	80



CYLINDER POLYESTER FOOTED
WATER TANK TANKS

Product Dimensions and Capacities

Models	Length (cm)	Width (cm)	High (cm)
100 Ton Water Tank	1500	300	320
75 Ton Water Tank	1150	300	320
50 Ton Water Tank	780	300	320
40 Ton Water Tank	640	300	320
30 Ton Water Tank	660	260	280
20 Ton Water Tank	450	260	280

Please contact us for different sizes and models



TALK TO US

+ 90 505 281 25 51

www.kalibrewt.com

ilyas.ogretmek@kalibre.com.tr