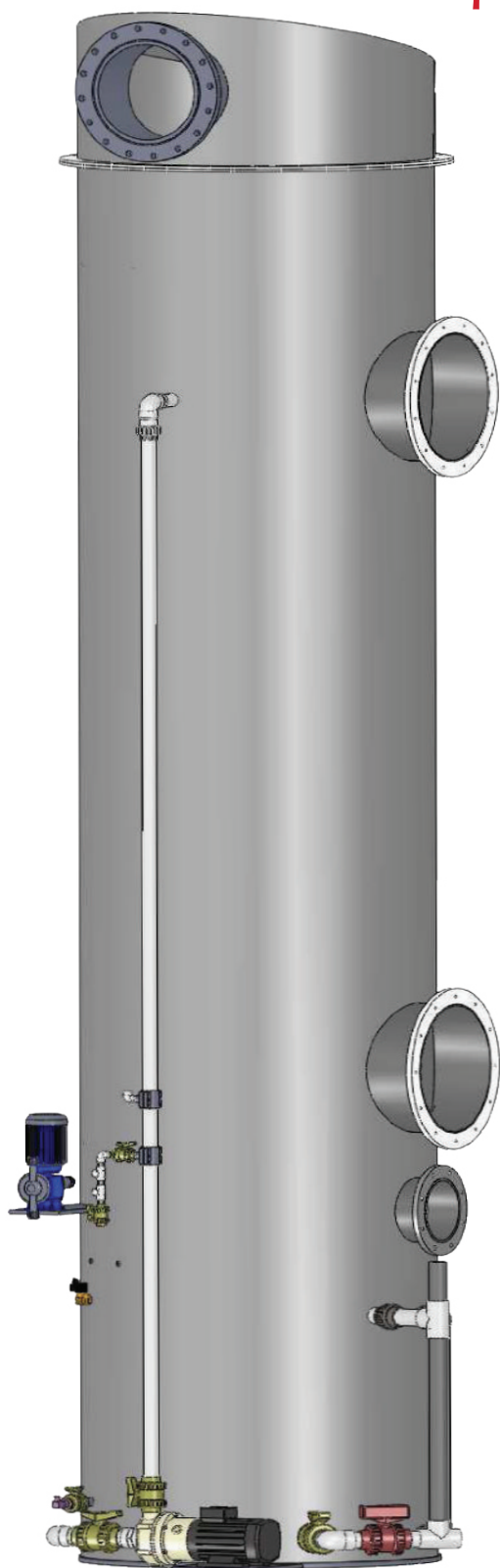


## Packed tower scrubber ST series



### EQUIPMENT TYPE

Wet air, or other gases, depollution

### APPLICATION

Wet air, or other gases, depollution.

### OPERATING PRINCIPLE

Packed towers are gas absorption devices that utilize an internal media of a variety of types to enhance the mass transfer of gases into an absorbing liquid.

This scrubber design series can achieve high removal efficiencies on most gaseous contaminants with energy saving and low pressure lost. Packed towers can also act as a gas cooler. Some are fitted with ceramic packing that resist extreme temperature.

They are also used after Venturi scrubbers in the same vessel.

AirDep towers are designed at the optimal value of predicted flooding factor

### MAIN ADVANTAGES

It's a high performance scrubber

It achieves high gas absorption for soluble/reactive gases

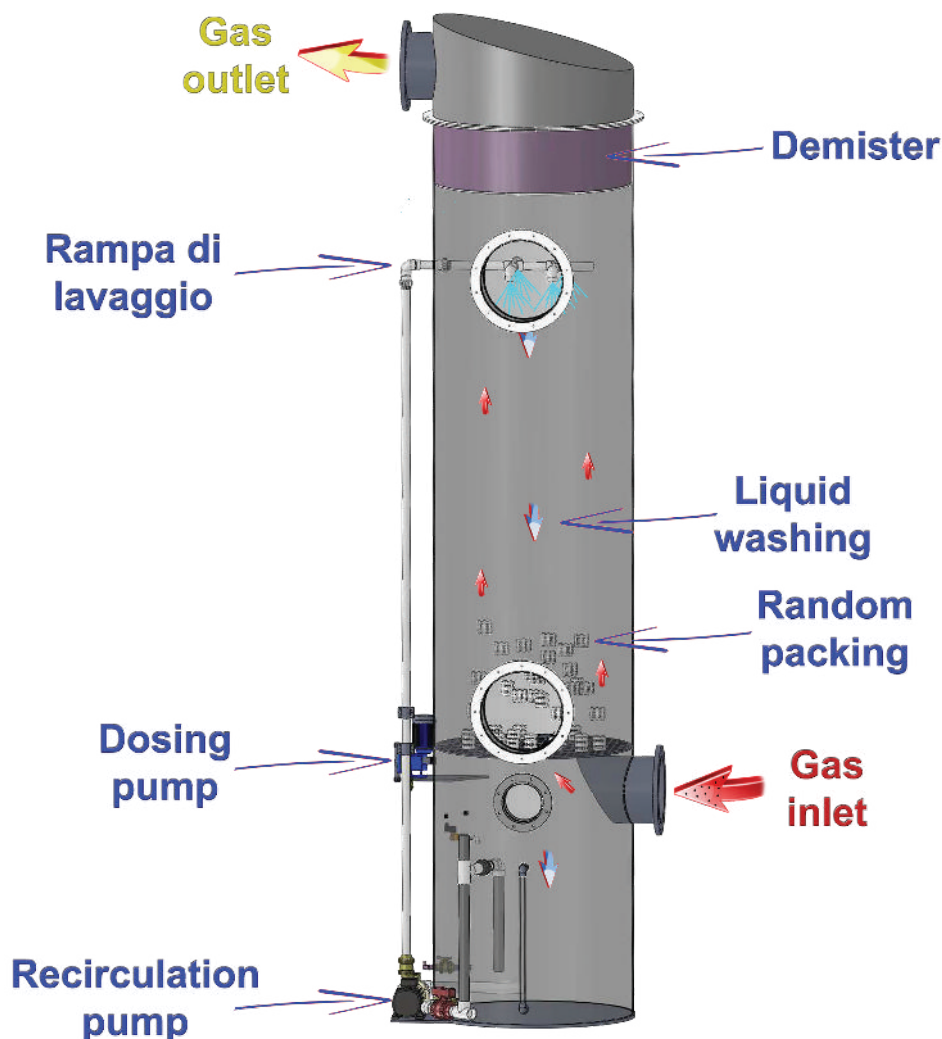
It saves energy input.

### USES

The ST series of scrubbers are widely used on wastewater treatment plants, waste treatment plants, land reclamation, industrial, pharmaceutical, paper, paint, metals, electroplating, rubber processing and other.

### TYPICAL APPLICATIONS

- Gaseous and particulate contaminant removal from processing operations in the chemical, pharmaceutical, food and petroleum industries.
- Gaseous and or particulate emissions from process operation vessels, reactors and storage tanks
- Odor control and VOC removal from solid dryers, and waste treatment operations
- Acid gas removal from high temperature gases
- Acid and alkali fume removal from pickling, galvanizing, and cleaning lines
- Mist Removal
- Toxic, explosive or hazardous gases.
- Acid Scrubbing
- VOC Scrubbing
- Fume Scrubbing
- Odor Control
- Ammonia Stripper
- Air Stripper



Gas flow mc/h	from : 500	to : 100.000
Dimensions	As required by the customer.	
Packing	The choice of random packing is according to the process.	
Washing system	With a recirculation pump and nuzzles.	
Demister	With a high efficiency in polypropylene or stainless steel.	

## CONSTRUCTION

A packed tower scrubber Scrubbers, is constructed in polypropylene complete with one electrical pump, one dosing pump, and there are a random packing bed and one demister..

## OPTIONAL

- Construction in stainless steel
- Construction in fiberglass
- Electrical panel
- Airfan
- Inverter
- Chemical storage tanks
- Dust and fume Collecting System