

MOBILE ADSORPTION DEHUMIDIFIER A50 TD2

IDEAL FOR DEMANDING WATER
DAMAGES AND CONSTRUCTION
DEHUMIDIFICATION



HIGHLY EFFICIENT MOBILE ADSORPTION DEHUMIDIFIER FOR LARGE AND DEMANDING WORK

The A50 TD2 is a highly efficient mobile adsorption dehumidifier for large and demanding work. It is ideal for the dehumidification of large constructions as well as renovations or emergency actions such as drying in connection with fires and floods.

A50 TD2 has a dry air flow of up to 4300 m³/h and is equipped with an additional heater. It is extremely user-friendly and contains all the necessary equipment for large drying jobs. The machine can be located both indoors and outdoors.

► *A50 TD2 recovers 85 % of the heat, thanks to the patented technology. The machine can be located both indoors and outdoors.*

SOME ADVANTAGES OF A50 TD2

- Ideal for large, demanding drying jobs and building dehumidification.
- Can be lifted by a forklift truck or crane.
- Simple start-up, operation and monitoring. Controlled and maintained via touch panel.
- Energy efficient: Recovers 85 % of the heat, thanks to the patented technology.
- High capacity – up to 450l/day.
- A B-class driving licence is required to transport the machine.



IDEAL FOR LARGE AND DEMANDING WATER DAMAGES

The sooner drying measures are put into place, the greater the chance of minimising the extent of the damage and shortening the drying time. Major costs can be avoided if the drying process is started quickly and in an effective way.



CONSTRUCTION DEHUMIDIFICATION

With the right knowledge and right routines, dehumidification is an easy and natural part of the construction process that guarantees a rapid rate of building with the right quality.



WATER DAMAGE AND FLOODING

Flooding or water damage does not always need to result in a catastrophe. We possess the knowledge and the equipment for dehumidifying various building constructions so that every case of water damage can be dried

out as quickly and efficiently as possible. With several machine pools and depots throughout Europe, we can deliver our machines quickly in emergency situations.



ENERGY EFFICIENT

Maximum energy recovery through patented heat exchanger solution and 12 kW additional heater for dry air. A compact design and low weight to minimise energy use in the logistics chain and to improve the working environment.



HIGH CAPACITY

Highly efficient adsorption dehumidifier for major damage and building drying. Up to 450 l/day.



SHORTER CONSTRUCTION TIME AND AN EARLIER OCCUPANCY WITH A RELIABLE DEHUMIDIFICATION

Efficient and reliable dehumidification during the construction process ensures a building free from building moisture, which can cause damage and serious problems later. It also provides a shorter construction time and faster occupancy.

Construction dehumidification is important for several reasons, not least economic ones.

For large buildings with a lot of moisture that needs to be dried out, it is in many cases more efficient to use one large dehumidifier rather than several small ones. Corroventa's A50 TD 2 is a large dehumidifier that is suitable for large new buildings.



Adsorption dehumidifier A50 TD2 is suitable for large new buildings or major water damage. It is extremely user-friendly and contains all the necessary equipment for large drying jobs.

DEHUMIDIFICATION AFTER FIRES

In the case of fire, it is of the utmost importance to start the dehumidification process immediately.

Corrosive smoke deposits, which are often formed in a fire, together with the high air humidity from fire fighting, have very negative effects on all types of metal surfaces and electronics.

In such cases, it is necessary to ensure that the relative humidity is lowered as quickly as possible, and then it is important to have large quantities of warm, dry air with a high air throughput in the space to be dried.

If there is a risk of damage to machinery or other sensitive equipment, it can be advantageous to use the plastic enclosure method in order to lower the relative humidity Rh% even faster.



EASY TO USE, MOVE AND LIFT



EQUIPMENT/ACCESSORIES

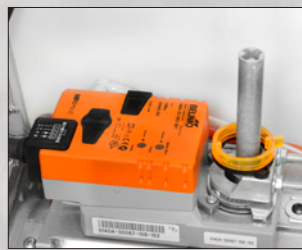
Illuminated compartment with:

- ▶ 2 power cables with 32 A connectors
- ▶ Wet air hose
- ▶ Dry air hose
- ▶ Hose for drainage water
- ▶ Support leg crank
- ▶ 2 wheel chocks
- ▶ Electric cart coupling adapter
- ▶ Filter
- ▶ Fire extinguisher
- ▶ Spare wheel



CONTROL PANEL

A50 TD2 PLC controlled with 7-inch touch screen. Start-up, operation, monitoring, control functions, etc. are computer controlled.



WET AIR DAMPER

Automatically adjusts the wet air volume according to the setpoint value.



PUMP DRAINAGE

Hose connection for drainage water from the pump heat exchanger.



LIFTING RAIL

Can be lifted by a forklift truck. Two lifting rails for a forklift truck on both long side.



SUPPORT LEG

Located at the mid-rear to stabilise the machine. Cranked down.



ELECTRICAL CONNECTION

3-phase for the dryer/heater.



HYGROSTAT OUTLET

When drying in sensitive environments a hygrostat can be connected to the machine.

THERMOSTAT OUTLET

To control the additional heater to the right temperature. Climate control the supplied heat up to 30 kW.

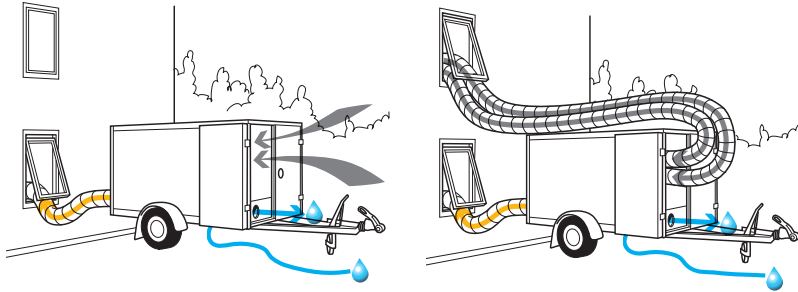


BALL COUPLING

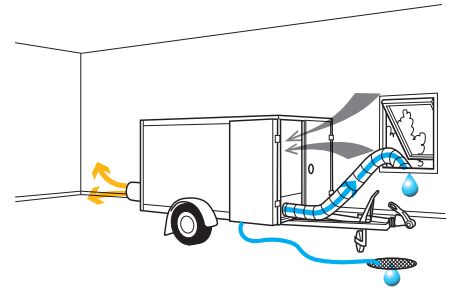
AL-KO Safety coupling - hitch with stabiliser. Optimum safety and anti-theft lock.

DRYING PRINCIPLES

DRYING PRINCIPLE OUTDOORS



DRYING PRINCIPLE INDOORS



TECHNICAL DATA

Power supply 3-phase Dehumidification	400 V 32 A
Power Supply 3-phase Extra heater (when needed)	400 V 32 A
Power consumption	17,5 kW
Power consumption Extra heater (when needed)	12,0 kW
Maximum airflow	4 300 m³/h
Capacity (20°C, 80% RH)	450 l/day
Weight	1 090 kg
Dimensions (L x W x H)	410 x 200 x 190 cm
Article number	05555



CORROVENTA RENTAL

Corroventa offers the possibility to rent the A50 TD2 for short or long periods. We have most equipment needed for water and moisture damage, or to ensure a good moisture control during construction and renovations. From small and portable to larger mobile dehumidifiers, often used for moisture control in construction and moisture remediation in large venues. For regular customers who frequently rent from us, we also offer alternative rental agreement, where we find the best solution for you.

Rent directly at www.corroventa.com/rent-now/



**HIGH SERVICE LEVELS WITH
FAST AND EFFICIENT
DELIVERY OPTIONS**



**KNOWLEDGEABLE STAFF
TO DISCUSS YOUR NEEDS**



**HIGH QUALITY PRESENTABLE
EQUIPMENT CORRECTLY
MAINTAINED AND SERVICED**

SHARING OUR KNOWLEDGE CORROVENTA ACADEMY

SEMINARS & TRAINING

With the correct knowledge, better results can be achieved with fewer resources in a shorter time. It is as simple as that.

We are more than happy to share our knowledge with our partners through support and expert advice. We have also planned several seminars and training courses throughout the year. At the same time, we are happy to hear from your experiences and any problems that you may have been faced with in the field. Realistic product development is important, so that we can offer really efficient and userfriendly products. This is beneficial to both of us, in the long term.

SEMINAR EXAMPLES

We offer a program with introductory and continuation courses within moisture and drying technology, as well as training in living environments, permanent installations. We look at:

- ▶ Drying water damage in different house constructions and building materials.
- ▶ Drying moisture damage and installation of dehumidifiers in crawl spaces.
- ▶ Radon measurement and decontamination of high radon levels from the ground and "blue concrete", (a type of aerated autoclaved aerated concrete)
- ▶ Dehumidification of attics with demand controlled ventilation.

CUSTOMISE YOUR TRAINING

We are happy to customise training to your needs.



PRACTICAL TESTS of different drying techniques are carried out at our seminars. In our own building laboratories, theory and practice are combined; water damage in different structures is dried and evaluated with measurements.



Read more at:

www.corroventa.com/corroventa-academy

SERVICE ACROSS THE WHOLE OF EUROPE

Corroventa's products are of crucial importance for dealing with the consequences of, for example, a flood where large sums are at stake.

Both our partners and property owners must be able to depend on our products doing their job and that our service organisation is equally reliable.

All Corroventa's offices around Europe have trained personnel to carry out swift servicing of our machines. The starting point is simple – we are always available. Our technical support is available around the clock, and loan machines are available as cover while a fault is being rectified.



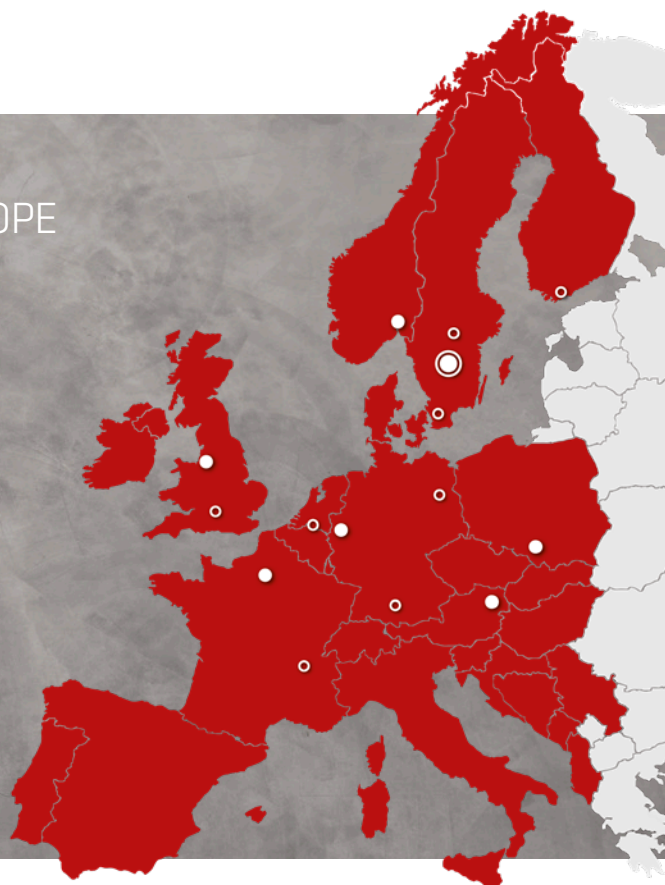
Head Quarter

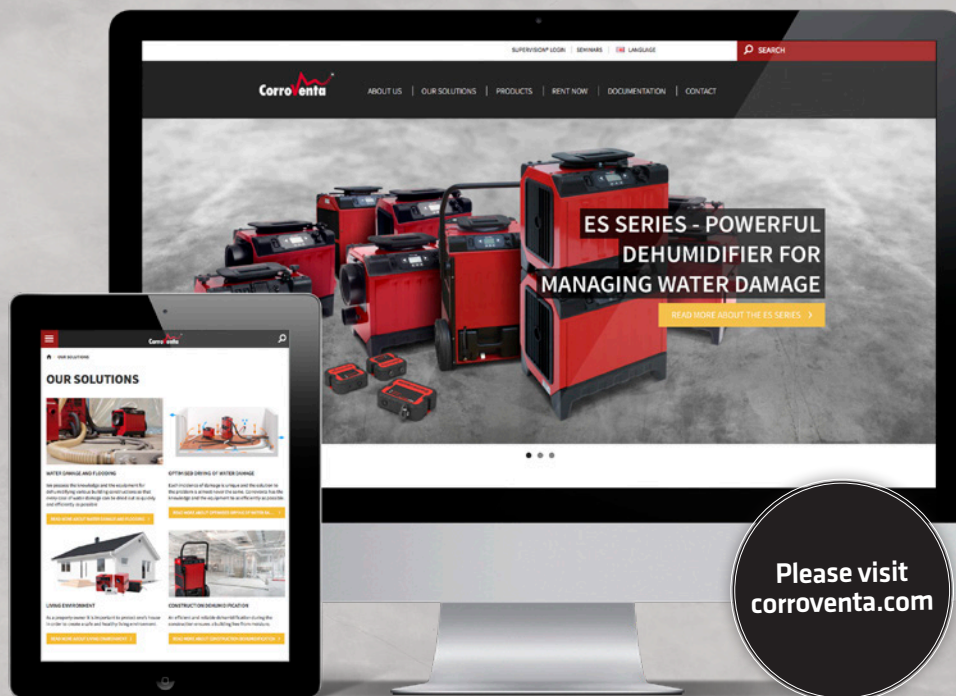


Subsidiaries



Sales Offices





DO YOU HAVE ANY QUESTIONS OR DO YOU NEED OUR SUPPORT?

Please visit www.corroventa.com or call us on +44 (0) 161-244 95 23 and speak to an expert. We have the knowledge and the equipment to find a solution as efficiently as possible.

Corroventa develops, manufactures, sells and hires out high quality products for dealing with water damage, moisture, odours and radon. We are one of the market leaders and specialise in innovation within the industry. Our products are compact, effective, ergonomic and energy efficient. In emergency situations and during flooding, Corroventa's customers have access to one of the largest rental parks in Europe. We have sales offices and machine depots in several locations throughout Europe. All our manufacturing takes place in Bankeryd, Sweden.

www.corroventa.com



Corroventa®

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