



## Concrete slurry separator CBS-500

innovative, environmentally compatible procedure

saving of time and costs

### Application

- a mobile drainage system to separate cutting and concrete slurry into water and solids
- At drilling or sawing works with diamond tools determined by the system slurry accrues, as water is used for cooling the tools and at the same time for rinsing and for evacuating the drill cutting from the drilling range and cutting range. Before the drilling and cutting slurry needed to be disposed of with a high amount of work and high expenses. With its simple function principle the CBS-500 solves this problem.
- 100 % pneumatic

### Consisting of four elements

- container, chamber filter press, operating unit and air compressor (not included in the scope of delivery)
- the provided slurry box has a capacity of 535 litres and can at the same time be used as coverage for the transport
- stable and compact construction

- mobile use on the construction site
- filter available up to 1/2 micron
- disposal of the filter cake as construction waste
- clear water can be recycled and redirected to the cutting of drilling process

technical data	CBS-500
operation	100 % compressed air
air requirement	ca. 300 l/min, 6 bar
max. filtration performance	450 - 600 l/h
capacity of slurry reservoir	535 l
dimensions L/W/H	1200/800/1620 mm
unloaded weight	320 kg

### recommended compressor

- motor: 230 V, 2,2 kW
- compressed air reservoir: 100 l
- output: throttled to max. 8 bar, 300 l/min
- rotational speed: 1450 rpm
- cylinder: 2



**control panel**  
pneumatic control switches  
off automatically when the  
filter is completely filled



filter unit