

fibo intercon

Recycling plant



Your partner in concrete solutions



Cost-effective recycling of trench materials

This mobile recycling plant is developed to reuse up to 70% of the excavated material from trenches. The integrated separator crushes and screens the excavated material. All stones and fragments larger than 40 mm are separated from the other material. The crushed and screened material is then transferred to the pan mixer where it is mixed with cement and water before the finished mix is pumped back into the trench. The end product is a self-compacting material which can easily be re-excavated.

The recycling plant is a highly flexible solution. It is ideal for working in an urban environment and in places with limited space. It is also fast and easy to erect and make ready for production. All you have to do is connect electricity and water,

and fill cement in the cement silo.

The recycling plant is a profitable investment which will soon pay for itself and return a profit. It keeps the costs for transportation and new materials at a minimum, and the trench width and thus the volume of the excavated material can also be reduced. All wearing parts are produced in robust materials and can be replaced separately, which minimises operating costs. There is free access to all of the plant functions, facilitating daily cleaning, maintenance and service.

The recycling plant is designed to comply with French legislation.

Technical specifications

Agitator pan mixer

Volume (gross/net)	1800 litres
	1200 litres
Capacity	10-20 M ³ /hour
Motor	30 kW
Mixing arms	6 pcs
Side scrapers	1 pc
Load cells	3 x 5000 kg
Weighing accuracy	+/- 0.5 %
Discharge gates	2 pcs
Steel	Hardox

Aggregates

Cement silo	1.5 - 2.0 M ³
Water tanks	1 x 1500 litres
	1 x 1000 litres

Control system

Batching computer	Siemens PLC
Dosing accuracy	+/- 1-2 %
Recipes	25 pcs
Language version	As desired

No previous knowledge required.

Other equipment

Separator	1 pc
Concrete pump	1 pc
Capacity of pump	15-23 M ³ /hour
Draw hook	1 pc
Rollers	Incl.
Support legs	Incl.

Power

3 x 400 Volts
125A 150KVA

Dimensions

Width	2.5 M
Height excl. railing	2.76 M
Height incl. railing	3.76 M
Length	7.4 M
Total weight	16,000 kg

Options

- High-pressure cleaner
- Generating set

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Representative:

fibo intercon a/s

Herningvej 4
DK-6920 Videbaek
Denmark
Phone: +45 97 17 16 66

info@fibointercon.com
www.fibointercon.com

