

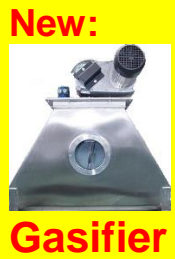
WATROPUR

Sludge Dryer

WATROMAT® low temperature batch and continuous drying systems



Belt Dryer
WATROMAT®
24000B
24000 Liter/day
Water removal



Gasifier

Features and Benefits

WATROMAT® low temperature drying system is designed to dry all sludge from industrial or municipal waste water treatment plants with a dried solids content greater than 20 % D.S. Dry air generators extract the moisture from the sludge and the dry air is reintroduced to the sludge in a continuous cycle. Since the drying process is carried out in a closed system at energy saving low temperatures, no emissions to surrounding atmosphere and no smell.

- 90 % dried solids after drying
- 330 Watt/Litre, 15 Watt/lbs electric power/water removed
- 30 degrees Celsius/86 degrees Fahrenheit operating temperature

Tipplers Dryer
WATROMAT®
800S
800 Liter/day
Water removal



Tilting Skip Dryer
WATROMAT®
2400S
2400 Liter/day
Water removal

Container Dryer
WATROMAT®
9000C
9 Liter/day
Water removal



The Product

The WATROMAT® sludge drying plants are developed and manufactured from WATROPUR. The low temperature drying technology WATROMAT® typically cost 50 - 70 % less than thermal drying systems. The WATROMAT® batch drying systems are used after chamber filter presses, the WATROMAT® continuous drying systems are used after screw presses.

Type	Water removal liter Water/day	Electric power kW/h	Dimensions (W, D, H) m
Dry air generator			
WATROMAT®100	100	3	1.7, 1, 1.5
WATROMAT®400	400	7	1.3, 2, 2
WATROMAT®800	800	13	2, 2, 2
WATROMAT®1600	1600	25	3.2, 2.6, 2
WATROMAT®2400	2400	40	4, 4, 2
WATROMAT®3000	3000	50	4, 2, 2
WATROMAT®4500	4500	75	6, 2, 2
WATROMAT®6000	6000	100	8, 2, 2
WATROMAT®9000	9000	150	12, 2, 2
WATROMAT®12000	12000	200	15, 2, 2
WATROMAT®15000	15000	250	12, 2, 4
WATROMAT®18000	18000	300	14, 2, 4
WATROMAT® 24000	24000	400	15, 2, 4

Screw press

WATROMAT®
WSP15000
15 t/day dried solids



Bagging

WATROMAT®
WLS
5x2 m3 volume



Bunker

WATROMAT®
WBU
35m3 volume



Press-Dryer

WATROMAT®
WPD05120
5 t/day dried solids



The Company

Founded in 1992 WATROPUR manufactures in three factories in Switzerland, Croatia and China low temperature drying plants for industrial and biological waste water treatment sludge's. More than 2000 drying plants in over 50 countries have been commissioned through the WATROPUR sales network in the last 25 years.

Watropur AG Sludge dryer

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Switzerland



Croatia



China

