

Sludge Dewatering Systems

Product Specification Sheet

OVERVIEW

Belt filter press, screw press, and decanter centrifuge dewatering equipment for municipal and industrial sludge. Wufang systems achieve cake solids of 20–35% with low energy consumption and fully automated PLC control, reducing sludge volume and disposal cost.

TECHNICAL SPECIFICATIONS

Types	Belt filter press, screw press, decanter centrifuge
Capacity	0.5–10 t/h dry solids
Cake Solids	20–35% depending on sludge type
Power Consumption	Low — variable frequency drive (VFD)
Control	PLC automated with remote monitoring option
Sludge Types	Municipal, food, chemical, dyeing, paper mill

APPLICATIONS

Municipal wastewater plants, food processing, chemical & pharmaceutical, textile dyeing, and paper mill sludge treatment.

STANDARD CONFIGURATION

- Dewatering unit (belt press / screw press / centrifuge)
- Flocculation and polymer dosing system
- Sludge feed pump and filtrate collection
- PLC control panel with auto-cleaning
- Conveyor for cake discharge — optional

WARRANTY & SERVICE

12-month warranty on core components. Lifetime technical support, spare parts supply within 7 days, and optional on-site commissioning by Wufang engineers.

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