

# ALHPA PRESS



## PLUG AND PLAY

VERSATILE SLUDGE DEWATERING

### Product description

- Plug and play
- Pre-packaged, assembled in hours
- Tuned to any sludge composition
- Operator controllable throughput and output dryness.
- Solids output volumes are stored and reported
- Light weight
- Small foot print
- No civil, mechanical, electrical or process engineering is required, all included
- Fully automatic
- On board diagnostics
- Software update



**AIM Water** brings to you this unique and innovative solution to sludge dewatering.

This compact fully automated press is capable of being programmed to operate for just a couple of hours or all day. With the on board PLC your operator has the ability to tailor the press function to suit his needs with the confidence that will allow him to concentrate on other duties.

Simplicity by design allows this press to be used virtually anywhere applying basic operation skills.

Under carriage clearance allows for a bulky bag or skip to collect the processed sludge cake without the need for additional conveyors

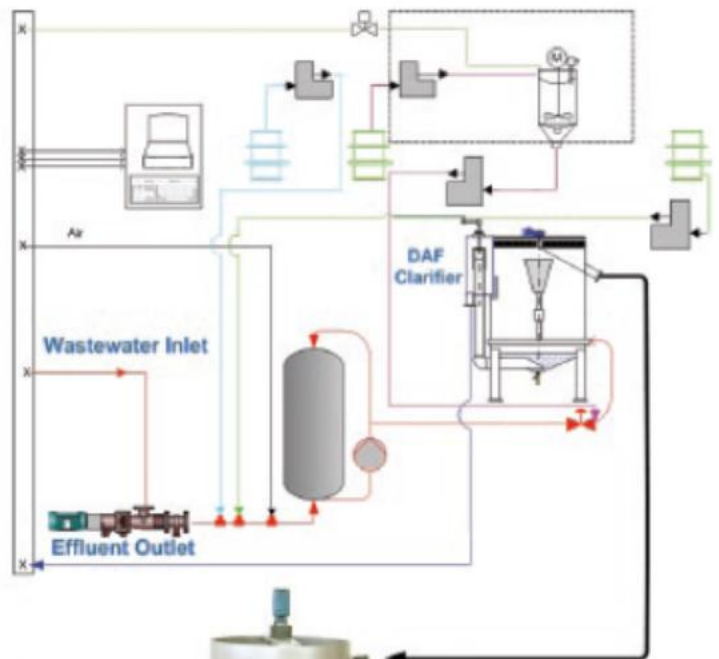
You need only supply air, water and power to have a functioning solution to your sludge processing needs.

The new compact press can replace existing filter and belt presses which are expensive, difficult to maintain, and cannot be fully automated. The Ilana design is the result of 25 years of installation experience and represents a new generation of technology incorporating all features desired by small to medium size plant designers and operators

## Market Needs

Some potential customers;

- Activated sewage plants for small communities
- Animal manure
- Food processing
- Tanneries
- Aquaculture
- Paper, Textile and Leather
- Resins manufacture
- Paints and inks
- Corrugated board
- Wineries
- Olive oil presses
- Municipals



Specifications	Ilana
FUNCTION	DEWATERING, THICKENING, FULL WWTP
Typical inlet DS%	1-10
Typical dewatering outlet DS%	18-25
Typical thickening outlet DS%	5-10
Capacity thickening inlet m3/day	0-36
Dewatering thickening capacity m3/day	0-15
Sludge bin volume (litres)	1000,1500,2000
Energy, kWh/day	10
Weight empty, kg	170
Chemicals	Flocculants, if required
Installation time-hrs	6 x 2 persons
Delivery in weeks	10
CUSTOMER PREPARATION	Source of sludge, 9m <sup>2</sup> of flat area, power, water and compresses air



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