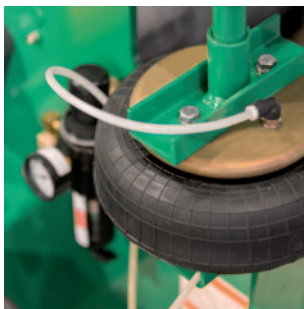


International Patent Pending

GEA Farm Technologies

XPress

Cascading Roller Press System



GEA Farm Equipment | Houle

GEA Farm Technologies - The right choice.

New simplified design!



XPress 2FT

Application

The XPress is designed to press wet fiber so it can be manageably piled. The percentage of moisture remaining in the fiber is well suitable for composting or green bedding depending on the configuration chosen (see pages 6 and 7).

Key features

- Low horsepower drive system (1.5 HP);
- Easy access to the inside of the steel roller for fast cleaning;
- One-piece 1/2" (13 mm) thick UHMW scraper, easily removeable from the front;
- Easy cleaning non-sticking stainless steel chute;
- Pneumatic pressure system for a smooth operation;
- Heavy-duty double tapered roller bearings for a long lasting operation;
- When fed by the XTract, an XPress can be equipped with a sonar to monitor the level of manure in the hopper and adapt the speed of the rollers accordingly to maximize dry matter content of the output.



XPress 4FT

XPress 6FT



XPress 2FT with an XTract



XPress 2FT, 4FT and 6FT. Configuration with Vertical Dewaterer and Liquid Level Regulator Tank

Vertical Dewaterer

Reliable and efficient, the Vertical Dewaterer is what you need to process a high volume of manure.

Application

The Vertical Dewaterer can be used with manure coming either from a scraped manure system or from a digester to supply wet fiber with a consistent level of 83% - 82% of moisture to the XPress.

Key features

- No contact wear between auger and screen;
- No pressure on screen. The dewatering happens by gravity through the slots of the screen;
- The auger is reversible which doubles its lifetime;
- The back side of the screen is readily accessible for cleaning without having to dismantle the Dewaterer.



Liquid Level Regulator Tank

A smaller footprint than before and a reinforced body for more resistance!

Application

Mandatory to feed a Vertical Dewaterer. The liquid Level Regulator Tank is installed between the manure pump and the Vertical Dewaterer to regulate the flow.

Key features

- 6" (15.24 cm) gate valve to completely drain tank when required;
- Slanted bottom with access doors on each side for easy cleaning.



XTract

The right choice for small and middle size dairy operations.

Application

The XTract can process up to 40 gallons (151 L) per minute of dairy manure coming from either a scraped manure system or a digester. The moisture content of the rejected material varies between 80% and 84%*.

Key features

- All stainless steel construction;
- Simple and economical design;
- Easy to install;
- User-friendly adjustment;
- Low horsepower drive system ($\frac{3}{4}$ HP);
- Very low and easy maintenance;
- Unique design rotary screen to accelerate separation (Patent Pending).

* The data were collected on a specific farm. Results may vary depending on the material fed to the XTract, the quantity of fresh water added daily, the climate, etc.

The illustrations and the technical specifications may differ from the end product.

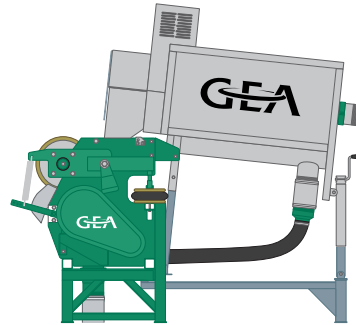


XPress Configurations

Configuration with one XTract and one XPress 2FT

Can process between 20 and 40 GPM (76 and 151 LPM) of manure

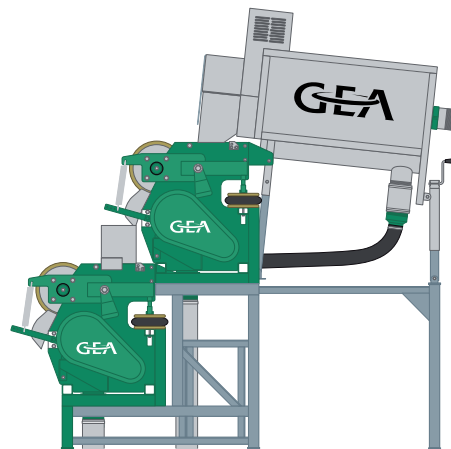
Solid output level: approximately 26% dry matter



Configuration with one XTract and two XPress 2FT

Can process between 20 and 40 GPM (76 and 151 LPM) of manure

Solid output level: approximately 34% dry matter



Configuration with two XTract side by side and one XPress 4FT

Can process between 40 and 80 GPM (151 and 303 LPM) of manure

Solid output level: approximately 26% dry matter



Configuration with two XTract side by side and two XPress: one XPress 4FT above and one XPress 2FT underneath

Can process between 40 and 80 GPM (151 and 303 LPM) of manure

Solid output level: approximately 34% dry matter



Platform and stand sold separately

Configuration with Vertical Dewaterer and XPress 6FT

Can process between 100 and 175 GPM (379 and 662 LPM) of manure

Solid output level: approximately 26% dry matter



Configuration with Vertical Dewaterer and two XPress: one XPress 6FT above and one XPress 4FT underneath

Can process between 100 and 175 GPM (379 and 662 LPM) of manure

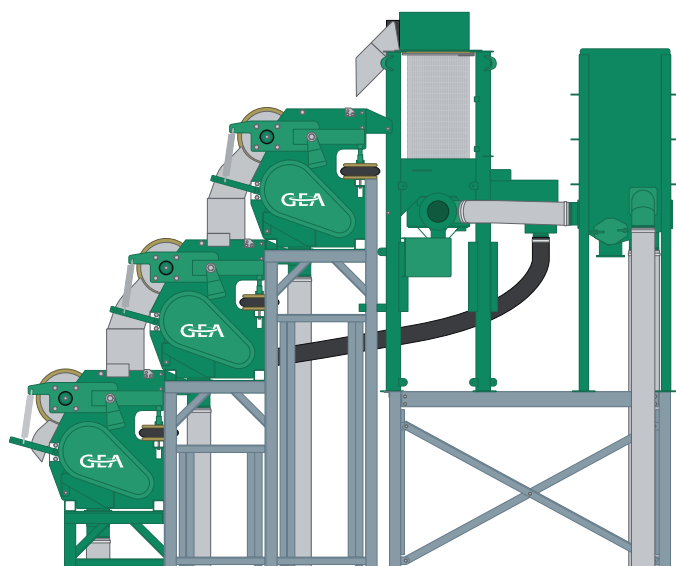
Solid output level: approximately 30% dry matter



Configuration with Vertical Dewaterer and three XPress: XPress 6FT on top, XPress 4FT in the middle and XPress 2FT underneath

Can process between 100 and 175 GPM (379 and 662 LPM) of manure

Solid output level: approximately 34% dry matter



Platform and stand sold separately

GEA Farm Technologies

The right choice.



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