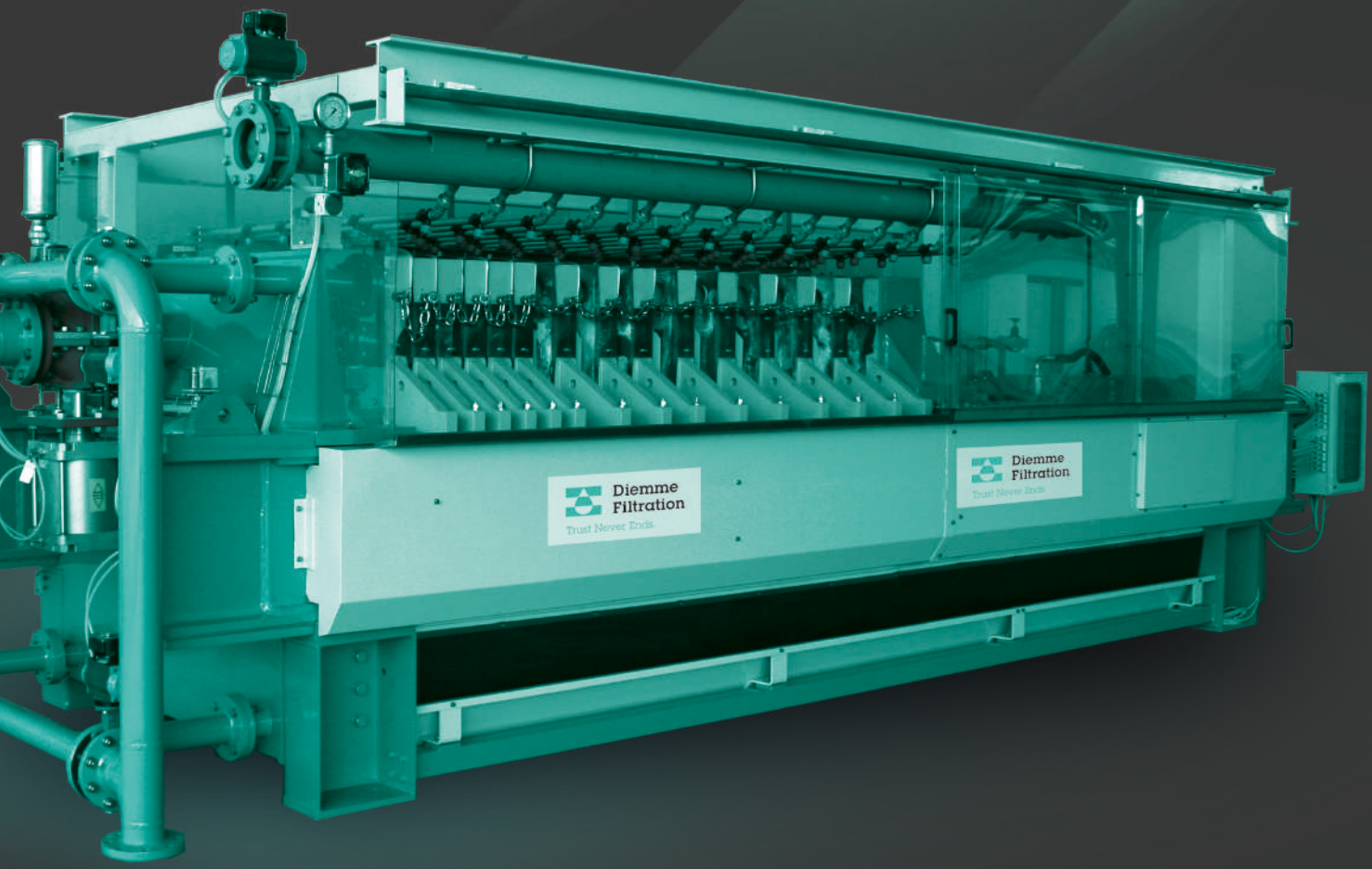
Diemme Filtration

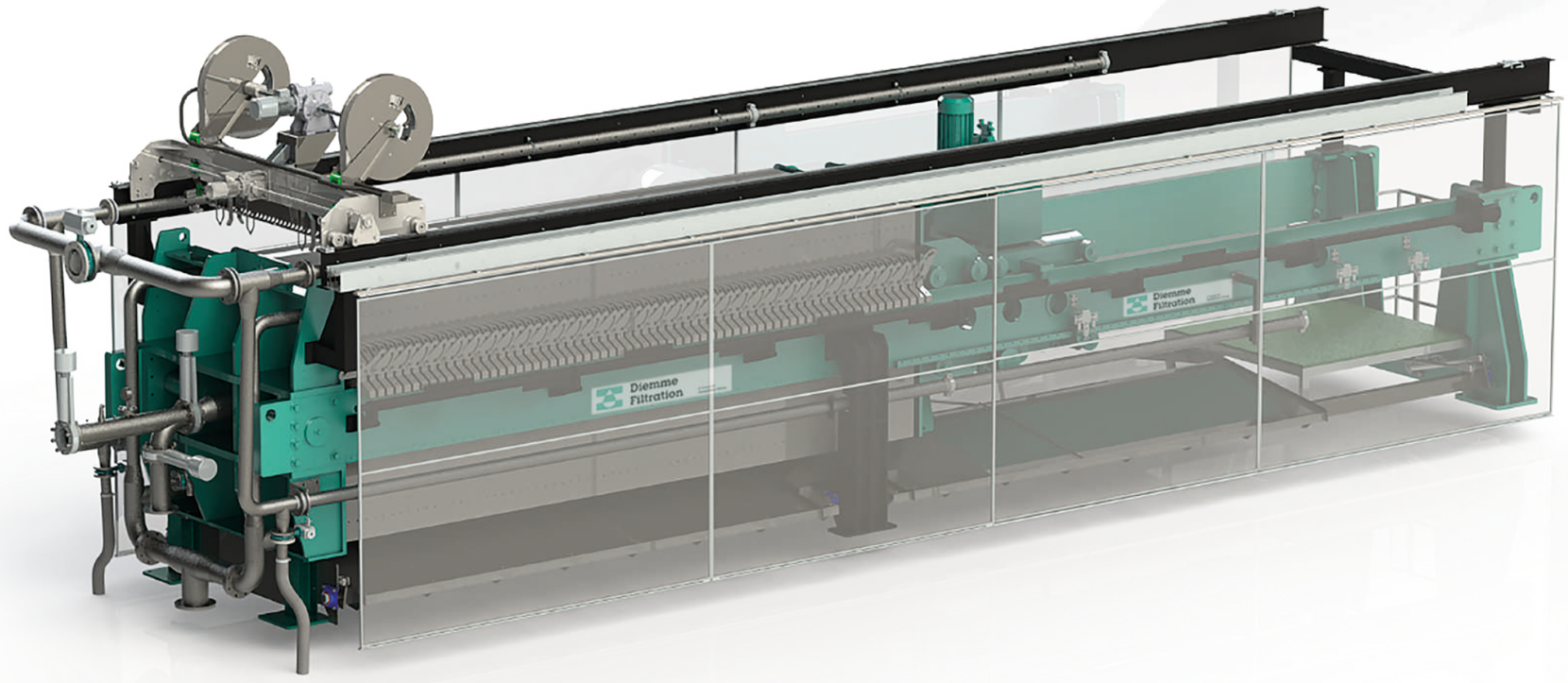
Trust Never Ends.



Side Beam Filterpress ME

Solid-liquid separation technology for industrial processes

ME, speed and automation



Design

ME is a Diemme® Filtration side-beam filter press that is extremely versatile, allowing customisation to suit specific processes and clients' requirements.

Automation

ME is completely automatic, with short cycles and minimum idle times. The simultaneous plate-pack opening system ensures that the cake is discharged in a very short time.

Dimensions

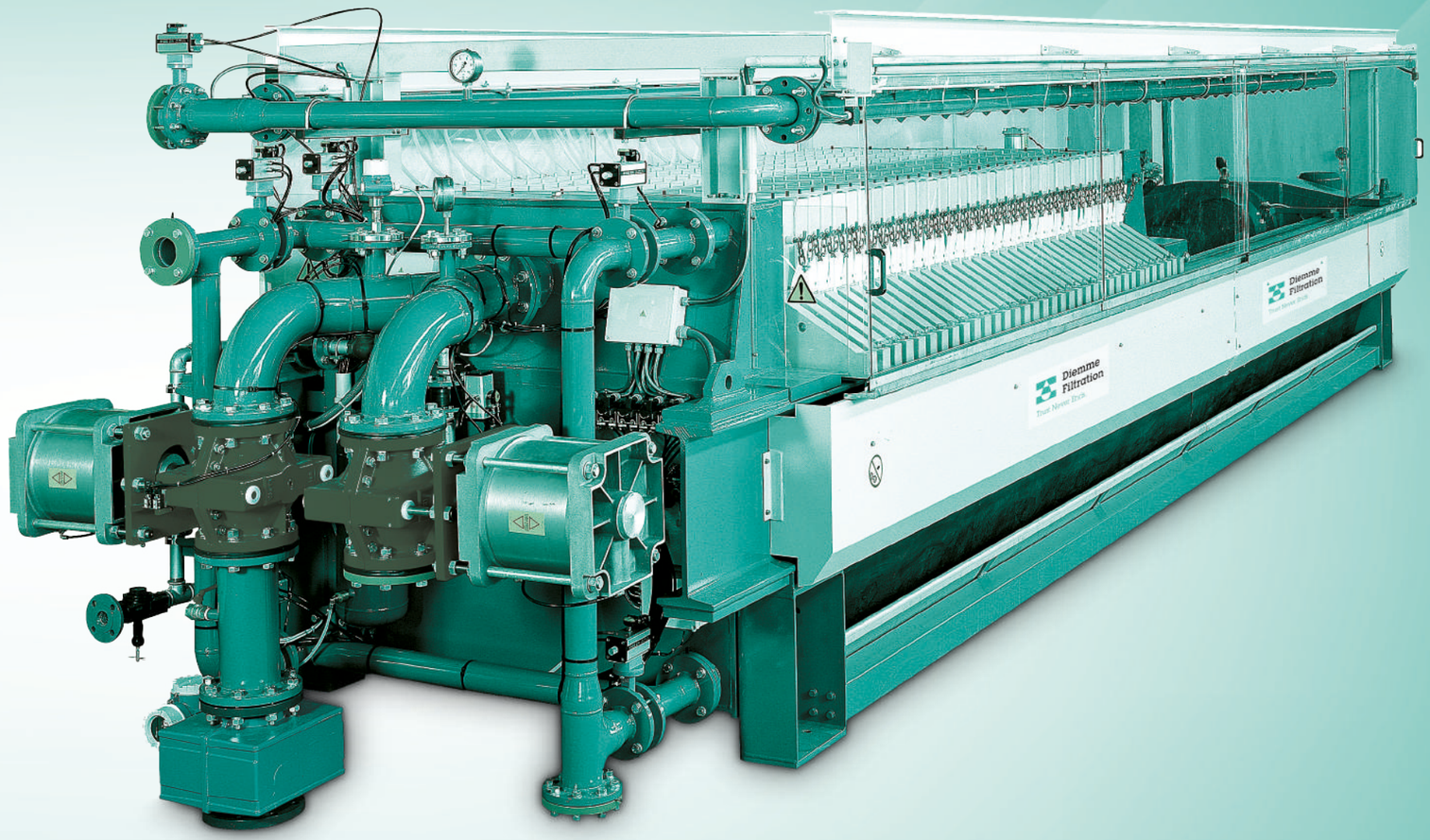
The Diemme Filtration ME series offers both large and small models. The small presses are fully automatic, which makes these the smallest available in the world.

Membrane Plates

Membrane plates are used for special applications where in-chamber cake washing (using water or other solvents) or drying (with compressed air or other gas) is required.

Model	Working Pressure (bar) Min Max	N. of installed plates Min Max	Cake Volume (l) Min Max	Filtration Area (m^2) Min Max	Length (mm) Min Max	Empty weight (kg) Min Max
630	15	20 ÷ 24	150 ÷ 180	11 ÷ 13	2800 ÷ 4400	1350 ÷ 1500
800	15	15 ÷ 30	220 ÷ 370	14 ÷ 28	4300 ÷ 5850	2800 ÷ 3500
1000	15	21 ÷ 50	490 ÷ 1000	32 ÷ 75	6000 ÷ 9900	6800 ÷ 10000
1200	15	18 ÷ 51	600 ÷ 1500	40 ÷ 110	6000 ÷ 10500	8310 ÷ 13900
1500	15	17 ÷ 56	900 ÷ 2895	60 ÷ 190	6200 ÷ 13000	12300 ÷ 24800
2000	15	29 ÷ 83	3900 ÷ 11500	190 ÷ 560	11800 ÷ 20800	45000 ÷ 70000

A wide range of technical solutions

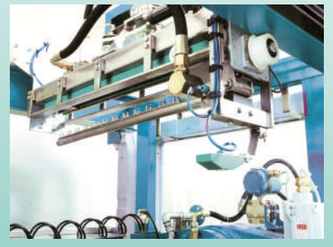


Rinse cloth washing



A close network of nozzles located above the plate pack showers the cloths with water, removing dust and cake remnants.

High-pressure automatic cloth washing



A robotic arm equipped with nozzles, cleans the cloths with high pressure (50 bar) water jets directed perpendicularly onto the cloth surface. This system guarantees thorough cleaning of the cloths, and consequently, helps maintain an optimum filtration rate.

Plate-shaking device



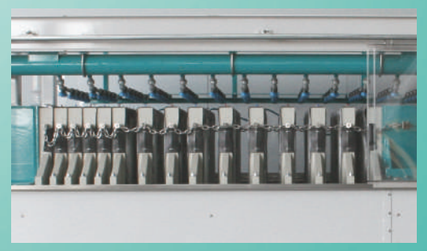
A cam-and-follower mechanism shakes each plate simultaneously, removing residual cakes or cake fragments from the chambers.

Protective bellows for hydraulic jack



The piston of the hydraulic jack is protected against dust and corrosive liquids by a cloth-and-rubber bellows.

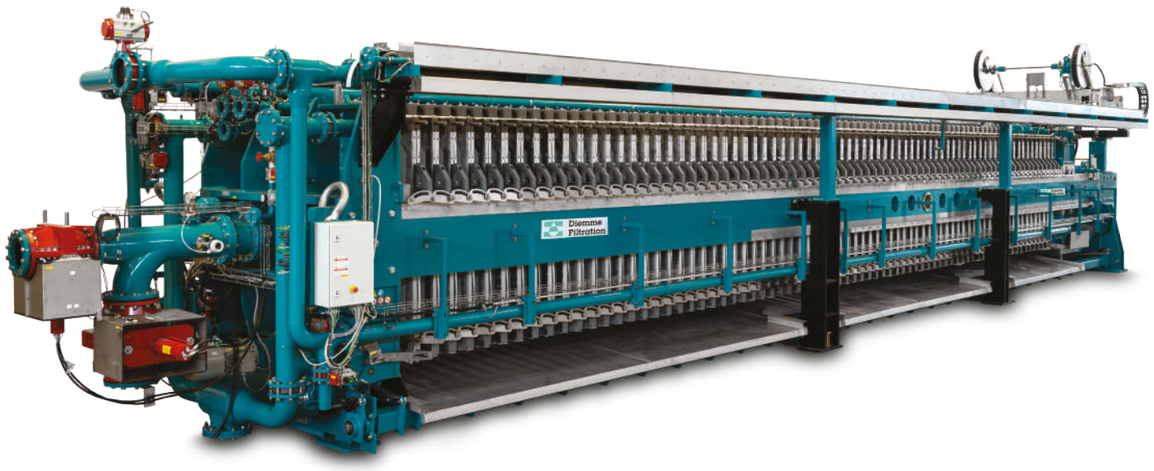
Accordion-style plate pack shifting



All plates are linked to the mobile header. As the mobile header is opened, the plates follow at close intervals allowing the filter cakes to be discharged in rapid succession, minimising the time that the filter is in "dead mode".

NEW ME
Concept and design

The NEW ME filterpress is a state-of-the-art machine that combines in one single project qualities such as speed, reliability, flexibility, safety and structural simplicity.
The machine is designed for automatic operation.



Aida
SYSTEM TUTOR

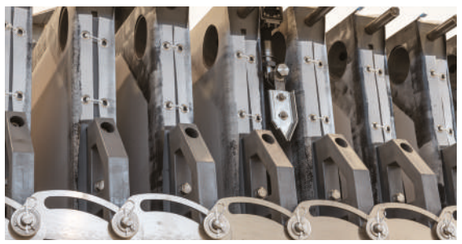
AIDA is the IIoT solution of Diemme Filtration, to produce valuable information for assertive decision making.
AIDA that allows our customer to enhance optimize processes and enhance machine performance through data collection, and advanced data processing by our team of experts. to produce valuable information for assertive decision making.



ME 1000 Chile

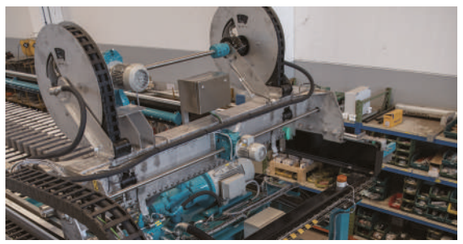


ME 800.1500 Australia



Simultaneous opening of the plate pack

The cake discharge time is significantly reduced compared to traditional plate opening-closing systems with the use of an accordion-style plate pack opening and closing system. This fast operation increases the filter's throughput production.



Authomatic Cloth Washing

The automatic in-situ cloth washing system, which is programmable according to the user's needs, uses high pressure wash water and directional sprays to effectively regenerate the filter cloth permeability. The results are filter cloths with more consistent filtration performance and longer life.



ME 1000 Chile

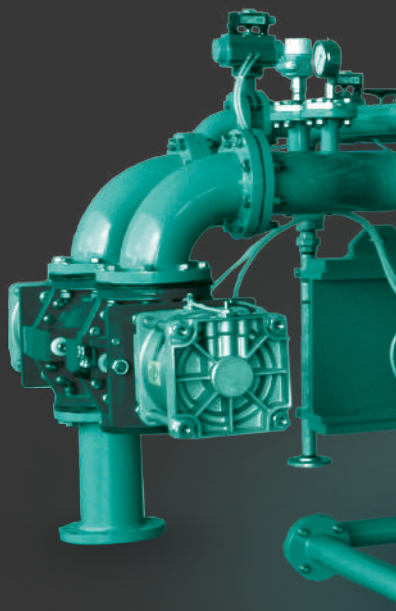


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