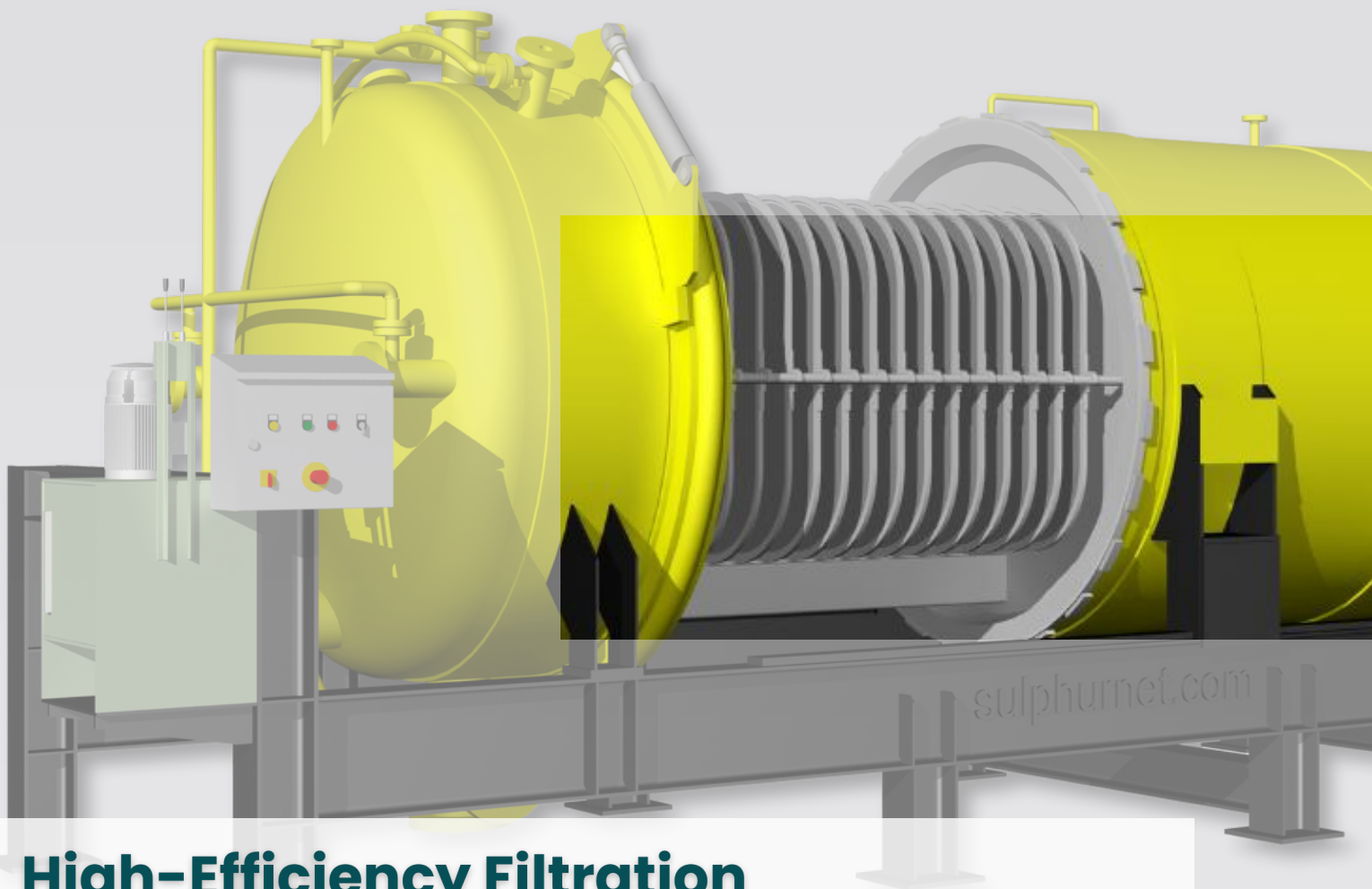


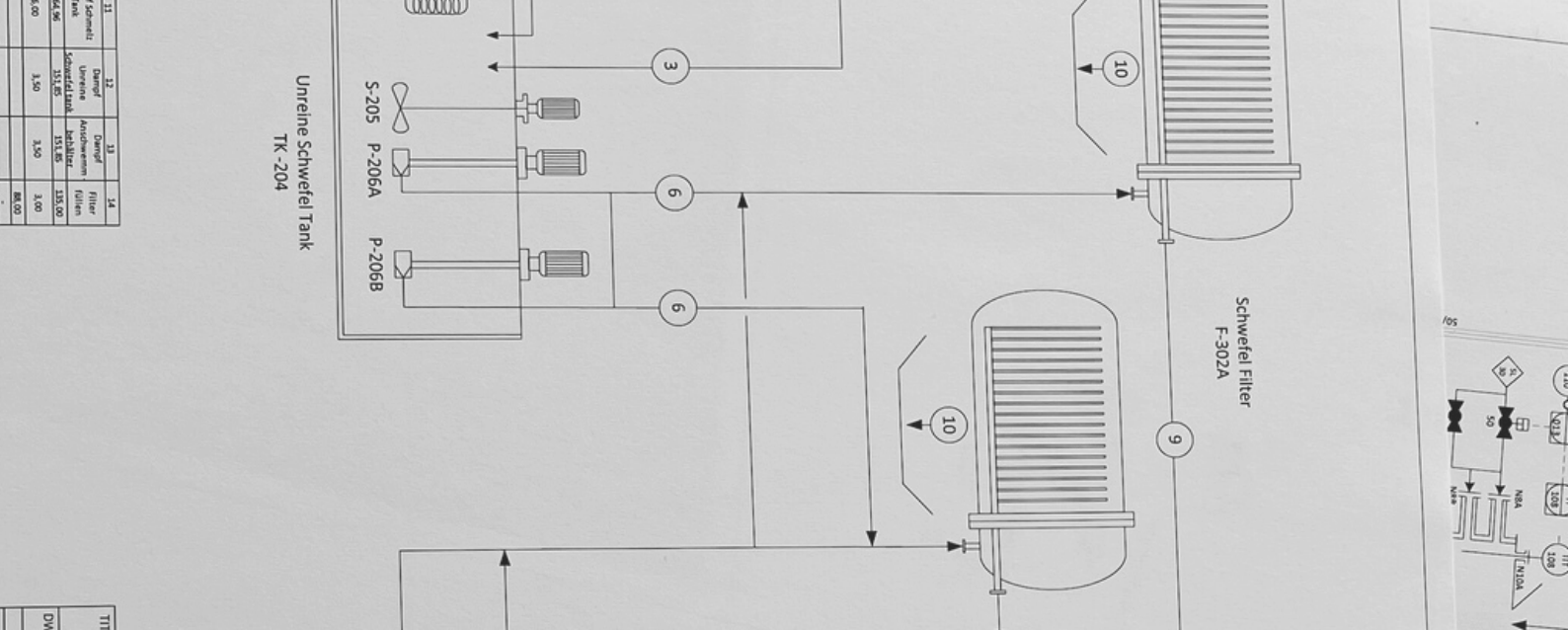


Liquid Sulphur **PRESSURE LEAF FILTER**



High-Efficiency Filtration

High-Tech Filtration,
Uncompromised Quality

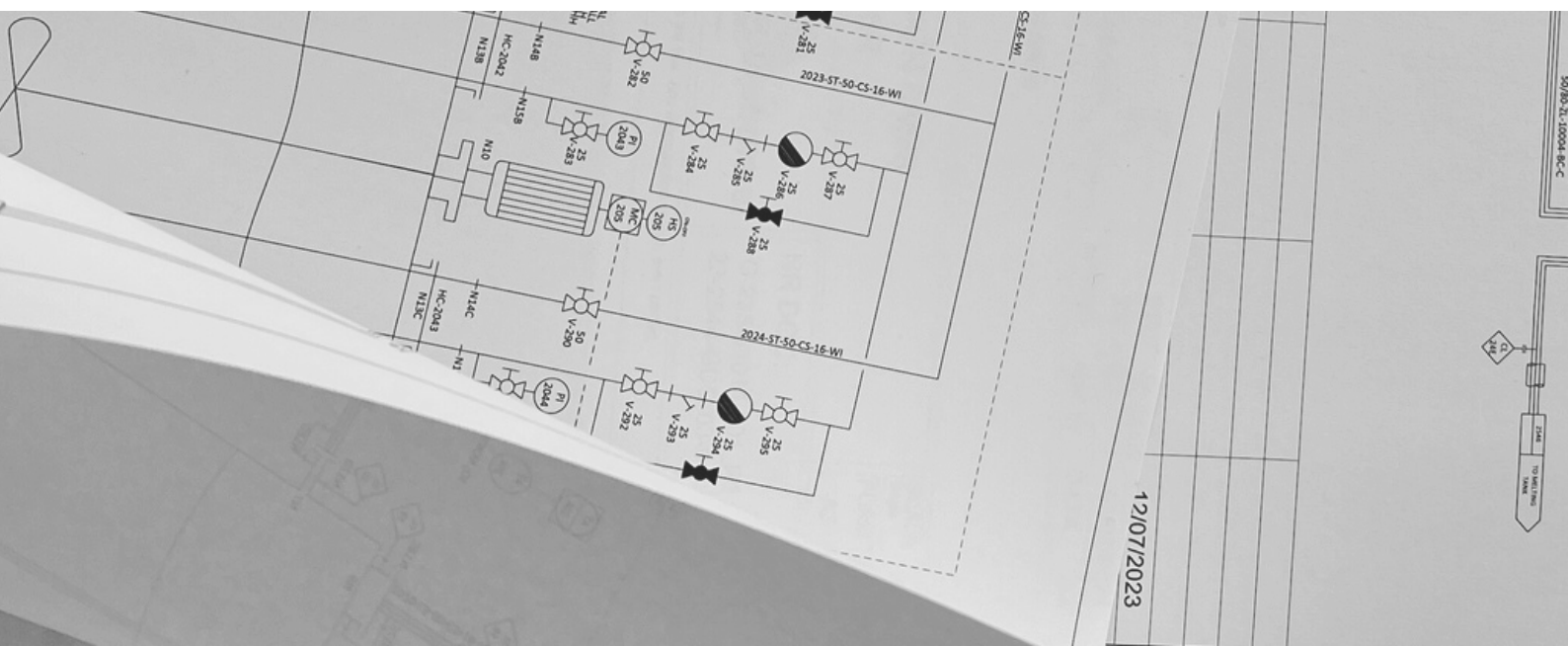


At Sulphurnet, we focus on delivering tailored solutions for diverse chemical processes. Our skills in process engineering and filtration enable us to provide a comprehensive design package, all in one place. We manage every phase of your project, from Basic Process Design to complete production units, including after-sales support.

If you need innovative solutions, Sulphurnet is ready to assist. Our team is dedicated to exploring new possibilities, designing custom made solutions, and achieving effective results. With our thoughtful approach, we aim to turn your challenges into successes.

Choose Sulphurnet for expertise and customized solutions that enhance efficiency and performance in your chemical processes.

Sulphurnet –Get it right the first time



Precision Filtration for Peak Performance

Why Choose a Vertical Leaf Filter?

1

Superior Filtration

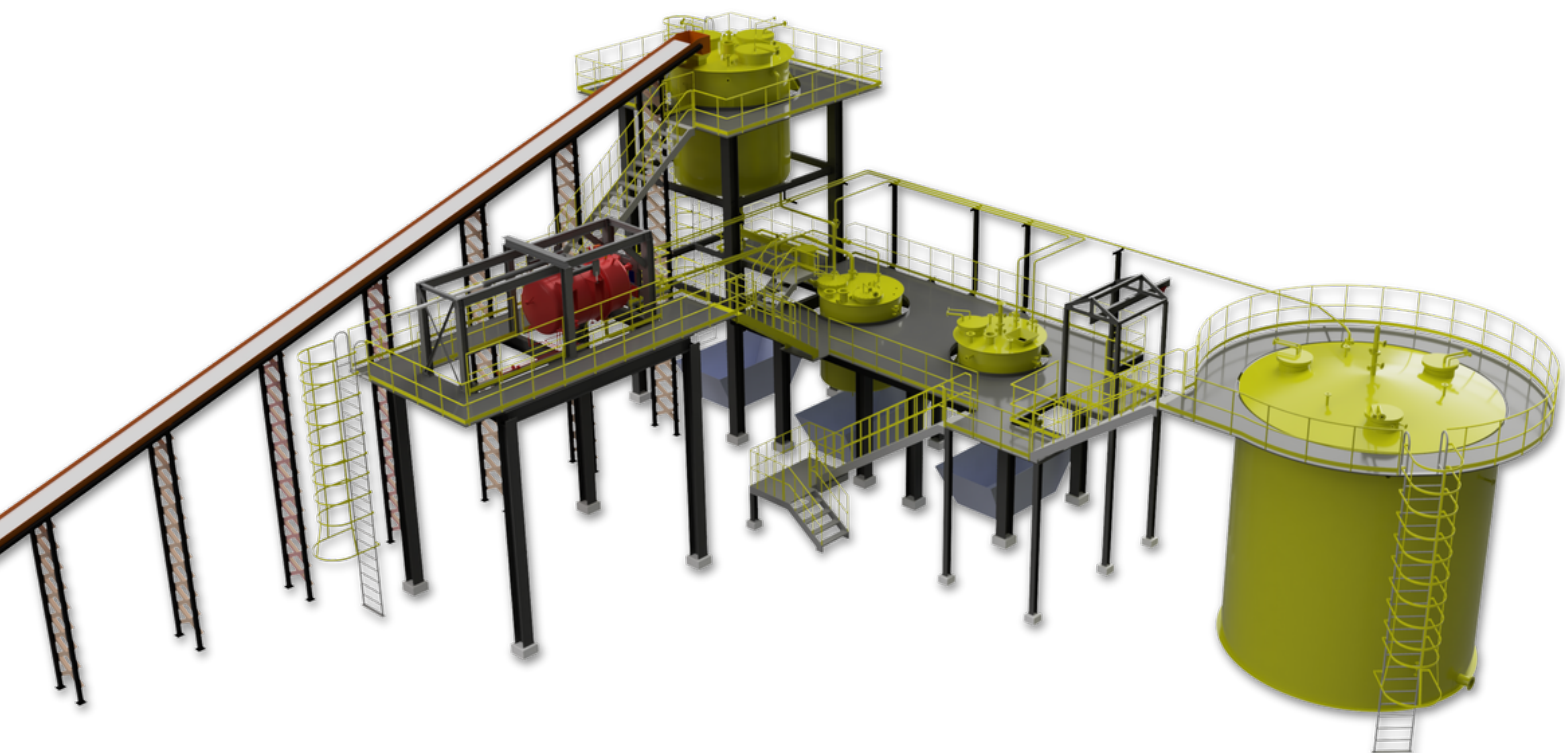
2

Innovative Features

3

Industries Served

4

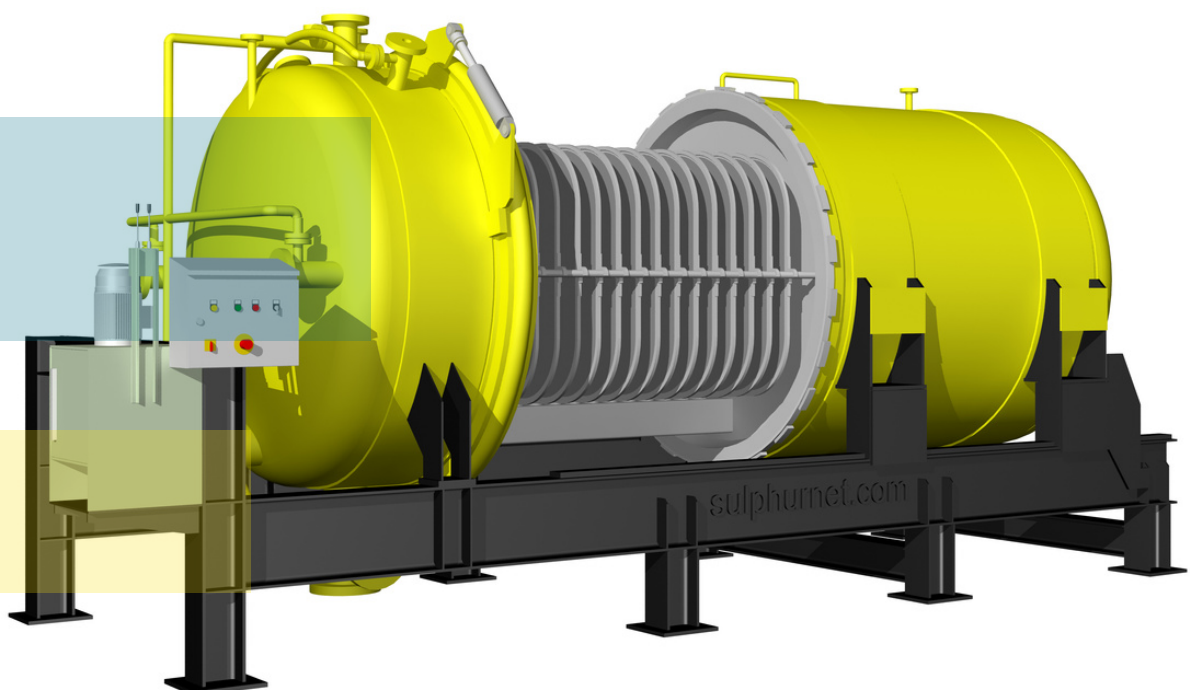


Why Choose a Vertical Leaf Filter?

The vertical pressure leaf filter is a time-tested solution with over 70 years of proven reliability. Ideal for high flow rates and filtration areas above 120 m², it is also suitable for smaller applications. We've optimized this classic design to enhance performance and fit seamlessly into modern automated systems.

Applications

- **Cake Discharge:** Suitable for both dry and wet cake discharge.
- **Size Range:** Available in leading sizes up to 200 m².
- **Configuration:** Options for vertical or horizontal installation.

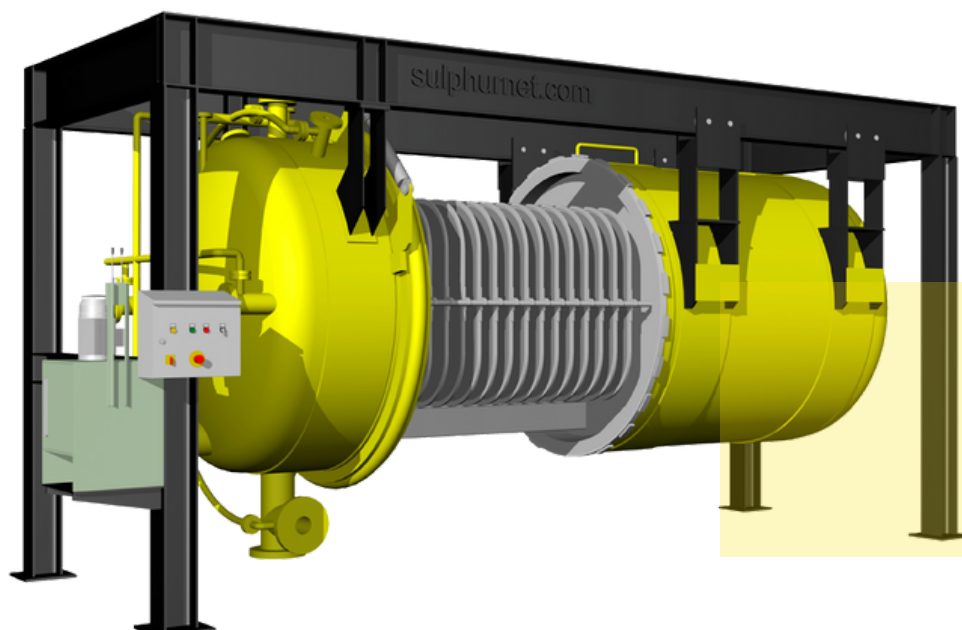


Superior Filtration

Our range of Pressure Leaf Filters, designed in the Netherlands, sets the benchmark for quality and versatility in filtration. Whether for batch or continuous operations, these filters adapt seamlessly to a variety of industrial needs, providing efficient and reliable filtration processes.

Key Benefits

- **Clean Operation:** Prevents leaks, corrosion, and operational issues.
- **Easy Maintenance:** Fast, simple cleaning processes.
- **Fully Enclosed Design:** Ensures clean and safe operation.
- **Automation Ready:** Simple to integrate into automated systems.
- **Hydraulic Operation:** Provides consistent and reliable performance.
- **No Piping Disconnection:** When opening, reducing downtime.
- **Stationary Filter Leaves:** Prevents cake dropping during opening.
- **Quick Closure:** Features a durable gasket with a long lifespan.
- **Customizable:** Designed to meet your specific needs.



WHAT
GETS **MEASURED**
GETS **MANAGED**



Innovative Features

1 Fixed Filter Leaf Bundle:

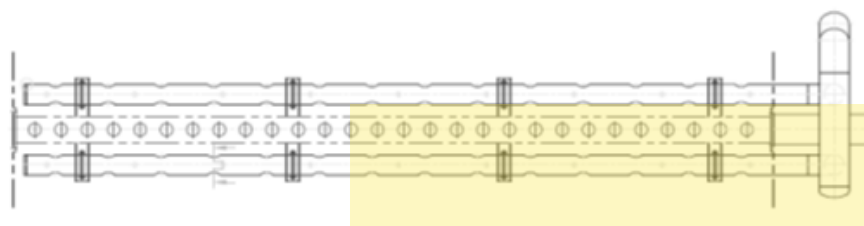
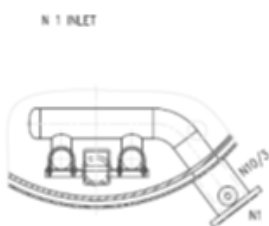
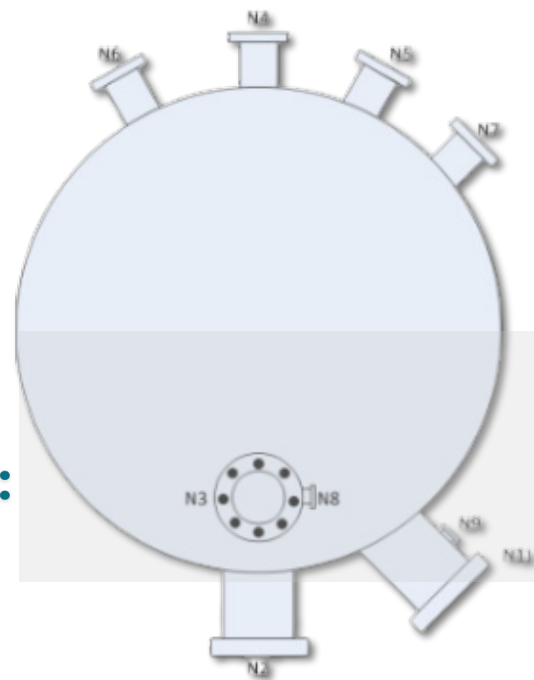
The filter tank retracts while the leaf bundle remains fixed, reducing the weight that needs to be moved and ensuring secure operation. This stability keeps the filter cake in place when opening.

2 No Piping Disconnection:

All piping is securely fixed on the tank head, eliminating the need to disconnect sulphur piping.

3 Optimized Sulphur Distribution:

The internally extended inlet pipe ensures even distribution of sulphur, leading to uniform cake formation.

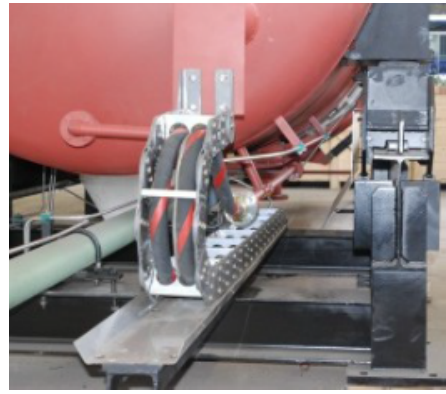


4 Integrated Steam Piping:

Steam piping on the retractable shell is equipped with a cable carrier, requiring no disconnection.

5 Anti-Condensation Design:

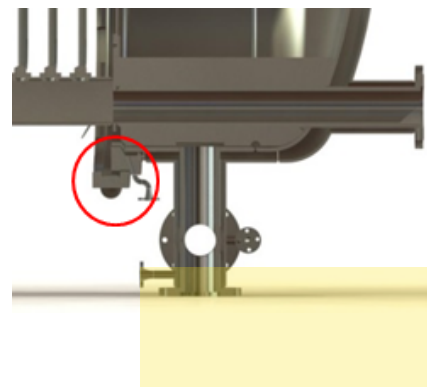
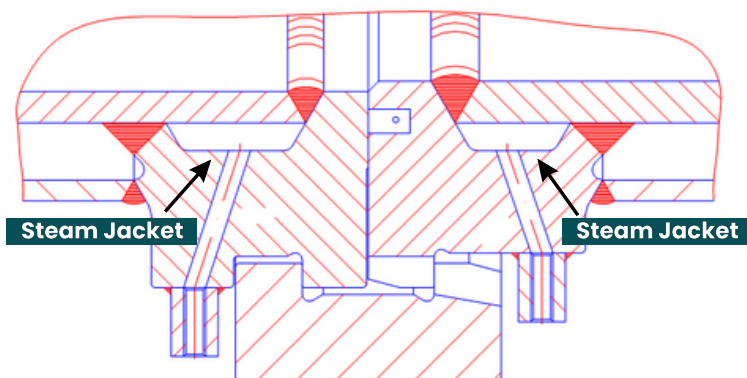
All nozzles have a steam inlet to prevent sulphur condensation.



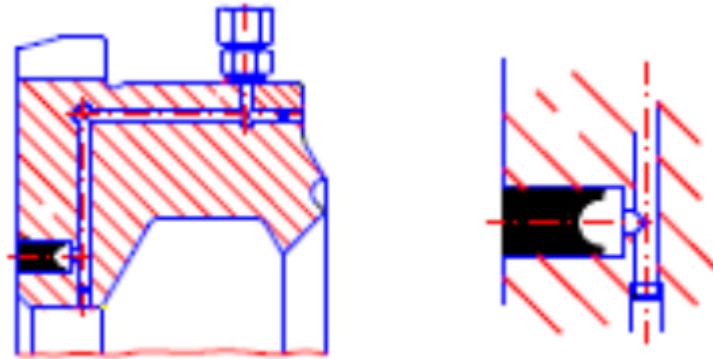
6 Quick Closure Door:

Features steam-jacketed flanges and rings to prevent sulphur condensation, ensuring leak-free operation.

Our flanges are built tough with substantial thickness for outstanding durability and minimal wear. The gear teeth move smoothly with minimal friction, making the ring easy to turn with low effort.



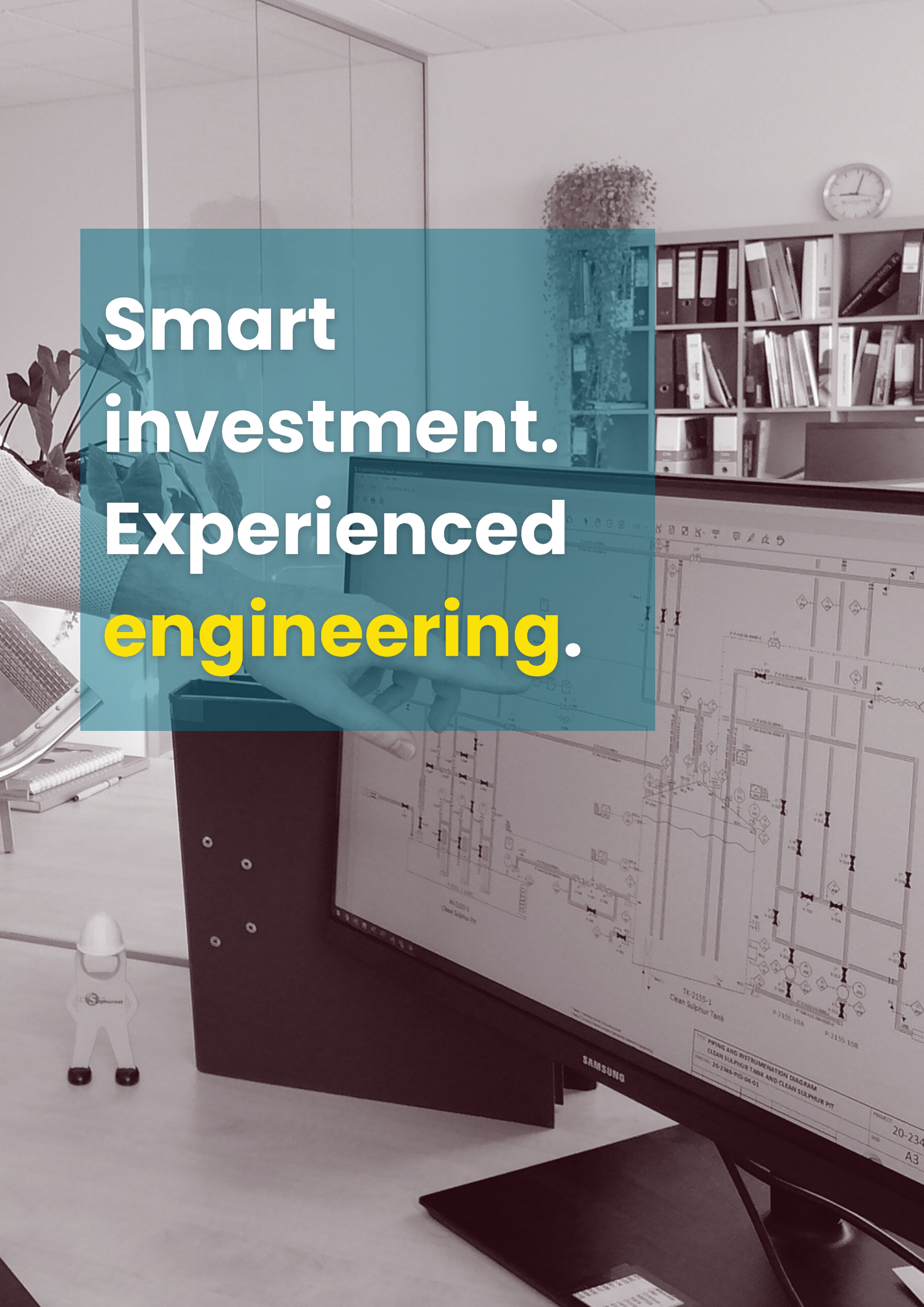
The gasket provides a secure seal even if closure is not perfectly aligned, with a lifespan of 1-2 months under daily use.



7 Efficient Plug and Play:

Fully adjusted and tested systems. Simply install the piping, connect electronics, and fill with hydraulic oil for immediate operation.





**Smart
investment.
Experienced
engineering.**

The background image shows a professional office environment. A hand is pointing at a Samsung monitor displaying a detailed P&ID. The diagram includes labels such as 'TK-2155-1 Clean Sulphur Tank', 'P-2155-10A', and 'P-2155-10B'. A title block at the bottom right of the screen reads: 'PIPING AND INSTRUMENTATION DIAGRAM', 'CLEAN SULPHUR TANK AND CLEAN SULPHUR PIT', 'PROJ NO: 20-2346-PID-04-01'. In the bottom right corner of the image, the project number '20-2346' and sheet identifier 'A3' are visible. The office also features a bookshelf with binders, a clock, and a small white figurine of a person in a hard hat on the desk.

Filter Leaves

Our Filter Leafs are engineered to deliver exceptional performance, durability, and chemical compatibility across various applications. Our filter leaves feature a sophisticated multi-layer design, ensuring mechanical strength and optimal moisture retention in cake filters.

Advanced Multi-Layer Design

Each Sulphurnet filter leaf is composed of multiple layers, meticulously designed to serve specific functions:

- **Layered Configuration:** Our standard design includes five layers, with the middle layers being thicker to facilitate unrestricted filtrate flow and enhance drainage and filtration.

- **Versatile Frames:** Frames can vary in thickness and may include reinforcements if needed. Depending on client preferences, the mesh can be either riveted or bolted to the frame.



Custom made solution

With a blend of traditional reliability and modern innovation, our Pressure Leaf Filters provide a high-performance solution tailored to your specific filtration needs.

Experience the ease of operation, reduced downtime, and superior filtration quality that set our systems apart.

Compliance and Certifications

ISO 9001 / ISO 3834-2

PED (EN13445 / AD-2000)

ASME (U-Stamp, Code Section VIII Div.1)

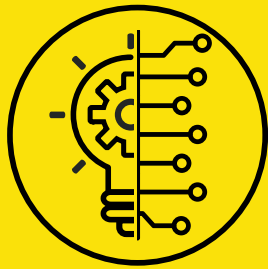
China Stamp (A1), China License

TP TC 032/2013, Customs Union

In addition to the existing manufacturing approvals, we are experienced to perform the respective approval procedures for almost all the countries in the world.

A world map with a light gray background. Countries in North America, South America, Europe, Africa, Asia, and Australia are highlighted in yellow. The text 'More than 150 clients in more than 45 countries.' is overlaid on the map in a bold, dark blue font.

**More than 150 clients in
more than 45 countries.**



INNOVATION

We embrace new technologies to revolutionize filtration plants, ensuring our clients benefit from the latest advancements.



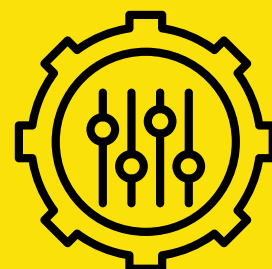
EXPERIENCE

With over 50 years of combined experience in sulphur melting and filtration technology, we provide reliable solutions backed by a proven track record, ensuring excellence and trust in every project we undertake.



DEDICATION

We are committed to reducing production costs, improving quality, and enhancing safety and environmental performance for our clients worldwide.



TAILOR MADE

We specialize in custom filtration systems tailored to each client's unique needs, ensuring optimal performance and seamless integration.

GET IN TOUCH TODAY

Sulphurnet offers an **all-in-one design package** that covers every stage of your project for sulphur processing plants, from the initial kick-off meeting to post-completion after-sales support.

We are dedicated to **more than just filtration systems**; our mission is to help customers worldwide **reduce** production costs, **enhance** product quality and yields, and **improve** Safety, Health, and Environmental performance.

Contact us:



www.sulphurnet.com



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The Netherlands

IS IT
COMPLEX?
WE MAKE IT
SIMPLE.



**GET IT RIGHT THE
FIRST TIME**

