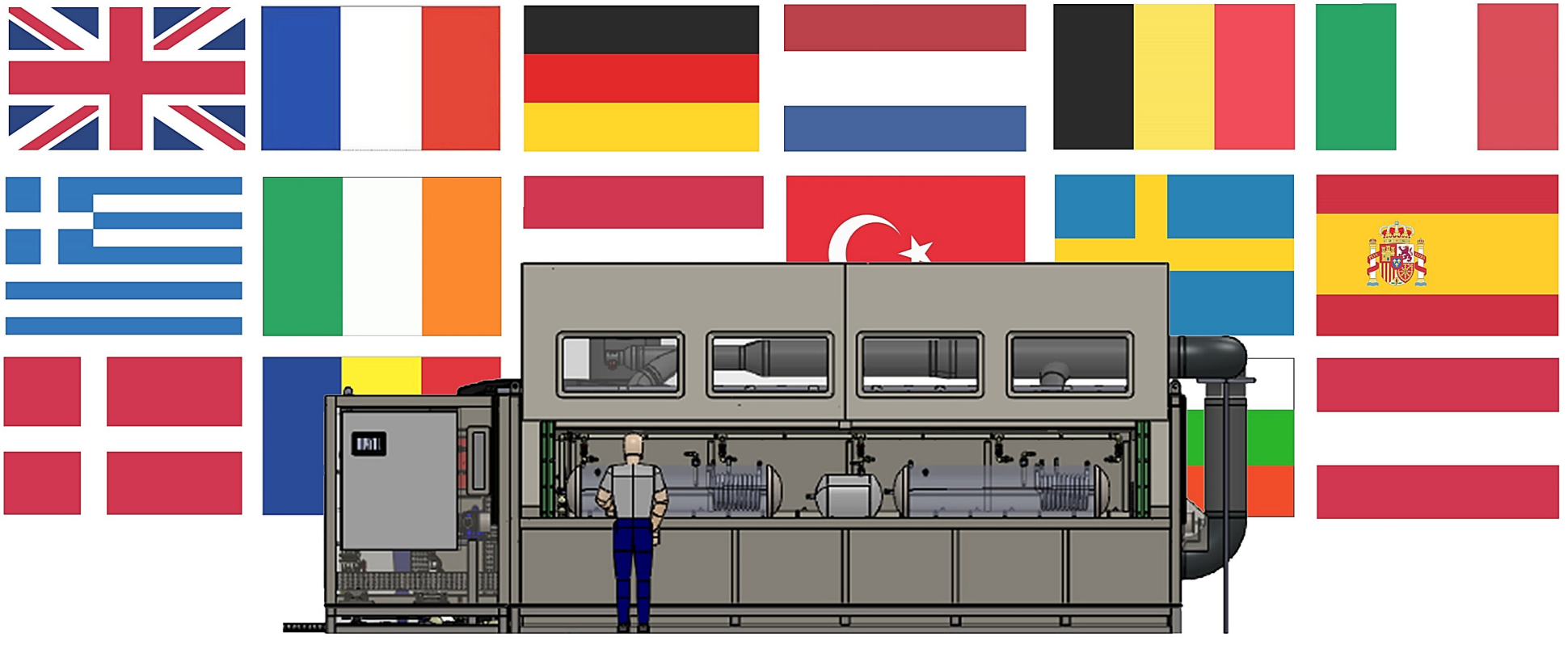


CYLINDER PICKLING MACHINE

SAFER, FASTER AND MORE PRECISE PICKLING

SRL - PROCESS SYSTEMS

STAINLESS RESTORATION LTD



PICKLING CYLINDERS

HOW

A heated Nitric Acid/HF blend or Enerjex 301 solution is sprayed into each cylinder and rotated 360 degree ensuring every internal surface and component is coated, the unique design ensures that even behind baffles are pickled and rinsed clean

WHY

Pickling the internal welds and the heat effected zone of the cylinders will restore the corrosion resistance of the cylinder. This process will ensure the cylinder will be less susceptible, pitting corrosion and general corrosion and reduce warranty claims

EASY TO USE

Fully automated with access restrictions ensures the cylinders are pickled effectively every time. The CPM is completely enclosed allowing placement anywhere within a process line

SAVING COSTS

Our exceptional build quality and design ensure reliability, repeatability and quality every time. The combined with the aforementioned the pickle solution is captured and reused. This ensures the CPM is one of the most economical pickling machines on the market



CPM OVERVIEW

UNIQUE

Our design is unique as its the only product on the market that rotates. This is the only product that can state it can pickle behind baffles. No traditional spray application can make this claim as the baffle blocks the spray

FIRST TO MARKET

Stainless Restoration brought the first rotating CM online in 2013. Since then we have commissioned an additional 14 machines

TESTED

With 14 machines in the field today everything has been tried and tested. Estimated number of cylinders processed since first operational machine in 2013. Over 2 million cylinders processed to date

TAYLORED

We can customize the CPM to suit your business needs or your unique cylinder design



CYLINDER PICKLING MACHINE

ADVANTAGES

Red (chemical) and blue (wash)
indications to show what stage the cycle is at

Over 20 years of knowledge in the chemical
industry goes into our machines

Between 1 and 20+ cylinders can be
processed in one 25min cycle

Rotating 360 degree bed so the chemicals can
treat all surfaces. This is unique to our CPM's

Automated door with anti-trap sensors

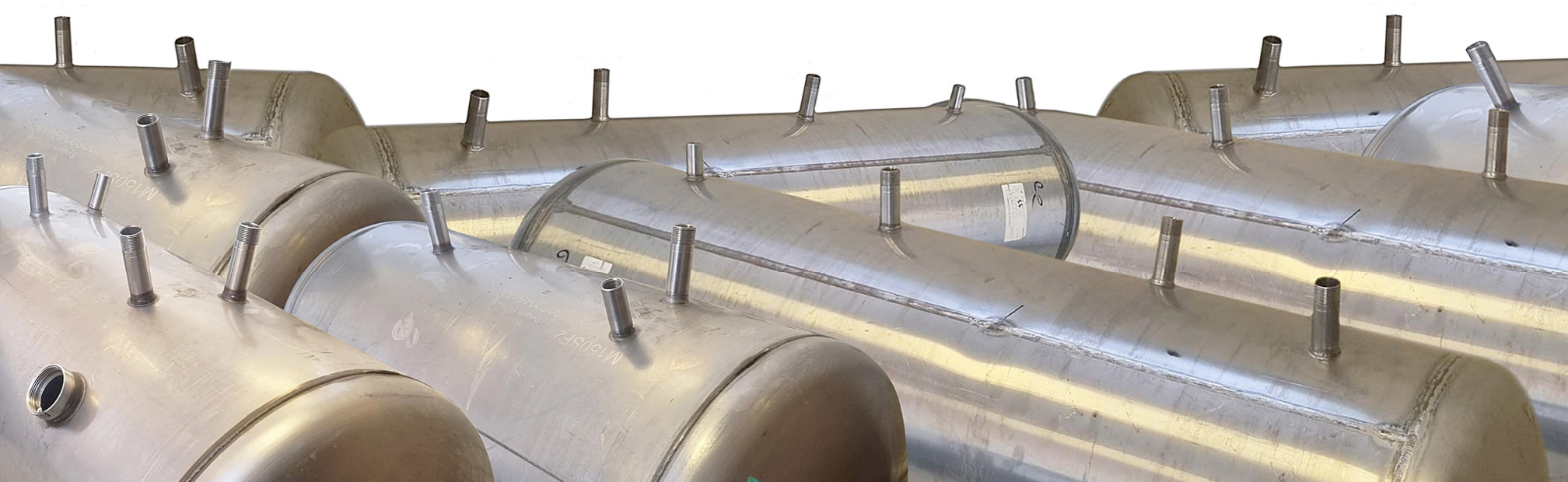
Poly Propylene built shell

Stainless steel outer frame
(secures chemicals internally)

TYPICAL BOILER/CYLINDER SIZES

BOILER/CYLINDER	**40ltr**	**to**	**400ltr**
DIAMETER	**184mm**	**to**	**600mm**
LENGTH	**1m**	**to**	**2m**

These are the typical boiler/cylinder sizes that we work to with our clients but please be aware that this is just a guide. We can always design a CPM that is more bespoke and suitable to your boiler/cylinder design and needs.










THE OPERATION

CUSTOMERS

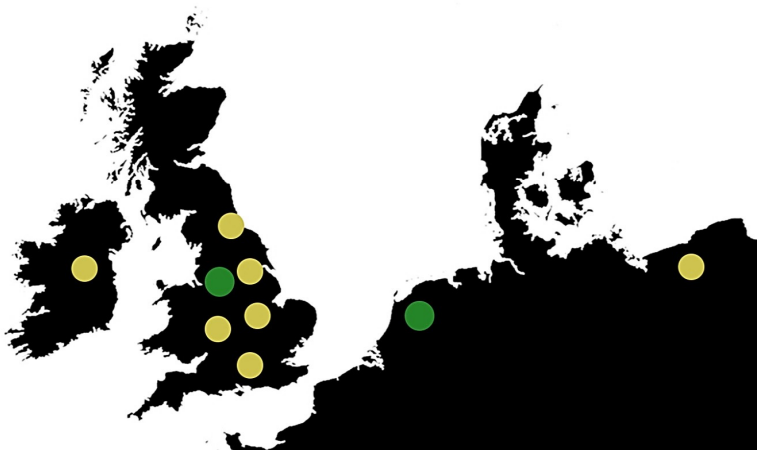
After 10 years of innovation and constant development of our CPM machines we now have a number of customers in various countries. Every major cylinder manufacturer in the United Kingdom have one or multiple of our CPM's. Other companies abroad are now hearing about our machines and the advantages and cost effectifve savings that can be captured by introducing one of our machines onto their production line.

MIXING

At the moment we have a chemical mixing base in Manchester to supliment the market in the United Kingdom but with the ever expanding client base were experiencing we'll be opening a chemical base in The Netherlands in 2023/24. These chemical bases provide all our clients with the correct chemistry.

CHEMICAL BASES

CPM CUSTOMERS





CPM + ETP

FROM DESIGN TO INSTALLATION

We install all of our CPM's and also install fully enclosed effluent treatment plants tailored to meet requirements of your local water authority or enviromental agency. Our fabricators work on each CPM from the inital first hand drawings to the final installation.

We have a very close and experienced team with many years of experience when it comes to plastic fabrication, welding and metal finishing. It doesnt matter if your cylinders are made from various sizes or materials as we have made bespoke machines for customers in the past to suit their requirments.

Please be in touch if we can help your business!



sales@stainrest.com 0161 368 6191

CYLINDER PICKLING MACHINE

SAFER, FASTER AND MORE PRECISE PICKLING

THANK YOU FOR TAKING THE TIME OUT TO LOOK AT OUR MACHINE ANY QUESTIONS PLEASE BE IN TOUCH

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