



# TRIDENT

LEADING. PROVEN. RELIABLE.

Our commercially proven 2MW electrolyser skid is based on our industry-leading 30bar stacks.

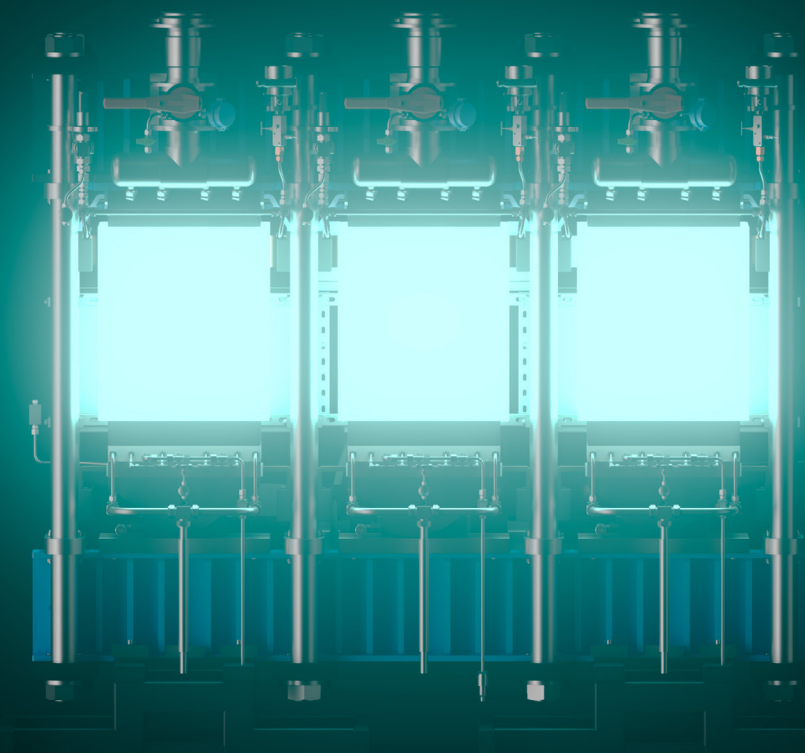
Capable of the highest current density on the market, our technology enables reduced footprint and cost. Coupled with leading conversion efficiency it provides flexibility for project CAPEX/OPEX optimisation. Our strong R&D foundation fuels continued innovation to further enhance efficiency and performance.

This gives our customers confidence they are investing into a future-proof solution.

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CONTACT OUR SALES TEAM

[sales@itm-power.com](mailto:sales@itm-power.com)



REFINERIES



AMMONIA



METHANOL



TRANSPORT



SEMICONDUCTORS



STEEL



STORAGE



MINING

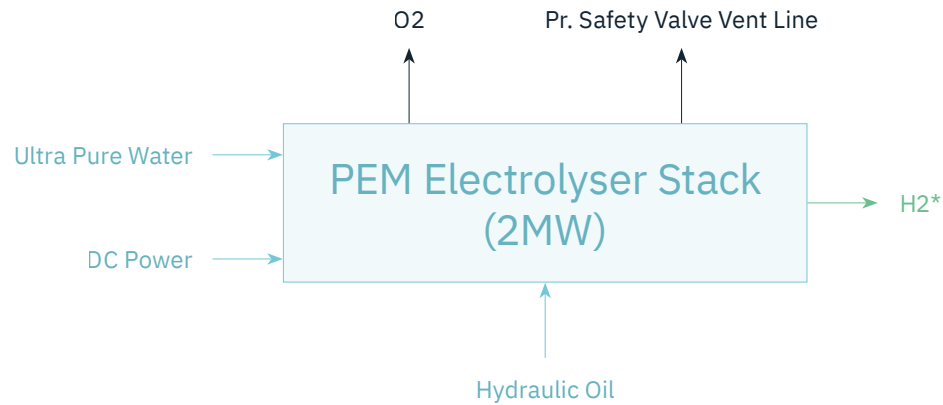


HEATING



ELECTRICITY

# TRIDENT: PROCESS FLOW & SPECIFICATIONS

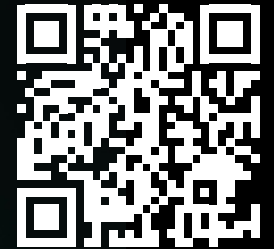
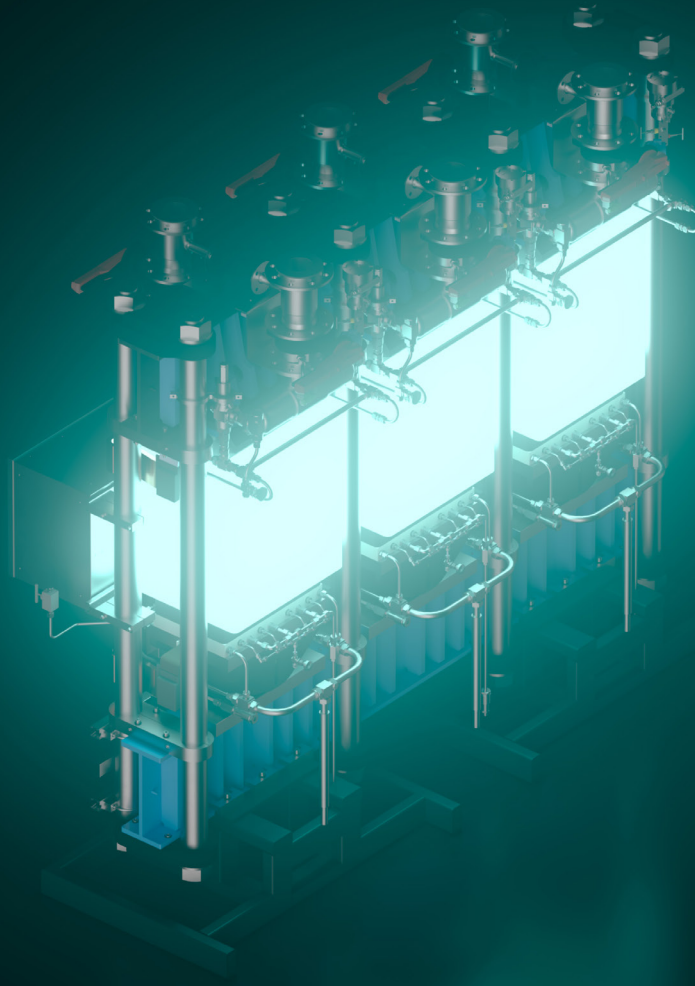


TECHNOLOGY	PEM	H2 PRODUCTION	36 kg/hr
NUMBER OF STACKS	3	H2 OUTPUT PRESSURE	31 bar(g)
CAPACITY	2MW	H2 OUTPUT PURITY	Saturated
SYSTEM FOOTPRINT	2.5x 1.2x 2.2	AMBIENT TEMPERATURE RANGE	-20°C to + 40°C
OPERATING RANGE	25–100%	MODULATION	10% per second ramp up 50% per second ramp down
INPUT WATER PURITY	Ultra Pure Water	COMPLIANCE	CE, ASME

\* Saturated H2

TRIDENT

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Find out the detailed  
scope of supply and more  
on our product page

CONTACT OUR SALES TEAM  
[sales@itm-power.com](mailto:sales@itm-power.com)  
[itm-power.com/products/trident](http://itm-power.com/products/trident)

