



Hydrogen refuelling solutions

Mobile and temporary solutions
to support tomorrow's mobility

200 to 700 bar

Customised support

20 to 200 kg/day

www.gck-energy.com

You want to:

- Test and/or demonstrate new vehicles
- Initiate an ecosystem
- Have access to an alternative solution in cas of breakdown or maintenance of your station

GCK Energy can help you to deploy temporary solutions:

- Fast deployment in **all types of environments**
- **350 and/or 700 bar compatible** solutions
- **No civil engineering work** required
- **Optimised design** for landscape integration
- **Light or heavy vehicles** with **optimised filling time**



PERFORMANCES ADAPTED TO YOUR NEEDS

- Refuelling pressure **from 200 to 700 bar**
- Throughput from **20 to 200 kg/day**
- Compression capacity from **2 to 16 kg/h**

ALL INCLUSIVE

- **Compression, storage and distribution**
- **Containerised** format
- **Plug & Play** connection

SUPPORT FROM A TO Z by a multidisciplinary team trained in hydrogen

- Administrative procedures
- Regulatory control
- Assistance and supervision
- Deployment and operation

H₂



STANDARDS & REGULATIONS

- SAEJ 2600 / 2601 / 2799
- ICPE regulations - headings 1416 and 4715

GCK Energy can also **manage your hydrogen supply.**

GOOD TO KNOW

H₂

HYDROGEN SOLUTIONS

BALANCING PLATE FLEX'HY 20P

200/300 bars*

Up to 20 kg/day

*depending on source

- Plug and Play system
- Easy to install and move
- Back-up solution

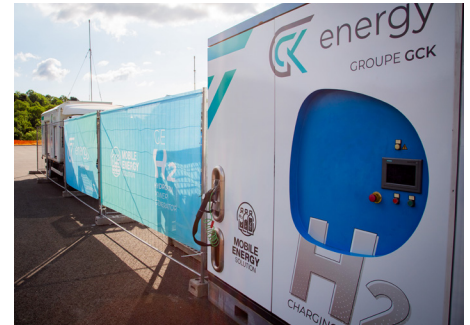


FLEX'HY 35 – 70 M30

350 and 700 bar

Up to 30 kg/day, 3 kg/h

- Hyper mobile
- Can be deployed very quickly



FLEX'HY 35 D20

350 bar

Up to 20 kg/day, 1 to 3 kg/h

- Easy to move
- Quick commissioning



FLEX'HY 35 – 70 D200

350 and 700 bar / T40

Up to 200 kg/day, 16 kg/h

- Quick commissioning
- Large capacity - back to back



FLEX'HY 35 – 70 T200

350 and 700 bar / T40

Up to 200 kg/day, 14 kg/h

- Ideal for long-term projects
- Large capacity - back to back
- Suitable for heavy duty vehicles



	Flexy 20P	Flex'hy 35 70 M30	Flex'hy 35 D20	Flex'hy 35 70 D200	Flex'hy 35 70 T200
Pressure	200/300 bar	350 et 700 bar	350 bar	350 et 700 bar	350 et 700 bar
Maximum compression capacity	Not applicable	3 kg/h	1 à 3 kg/h	16 kg/h	14 kg/h
Quantity delivered/day	20 kg/day	30 kg/day	20 kg/day	200 kg/day	200 kg/day
Minimum installation area (m²) *	2 m ²	50 m ²	30 m ²	50 m ²	200 m ²
Power requirements	0 kW	40 kW	40 kW	100 kW	180 kW
Cooling	No	No	No	Yes	Yes
Compatible vehicle types	All types of vehicle	Light vehicles	Light vehicles	All types of vehicle	All types of vehicle
Installation time	30 min	1 day	1/2 day	2 days	2 weeks
Autonomous use	✗	✗	✗	✓	✓
Remote supervision	✗	✗	✗	✓	✓

*outside the regulatory safety zone and hydrogen source



PARTNERS



THEY TRUST US



GCK ENERGY,

The specialist in mobile and temporary solutions also offers you an electrical range dedicated to production, storage and power supply.



www.gck-energy.com

contact@gck-energy.com

Rond-point de Manson
63122 Saint-Genès-Champanelle

