



Light-duty vehicles



Medium- and heavy-duty vehicles



Bus



Rail



Maritime



Aerospace



Aviation



Distribution



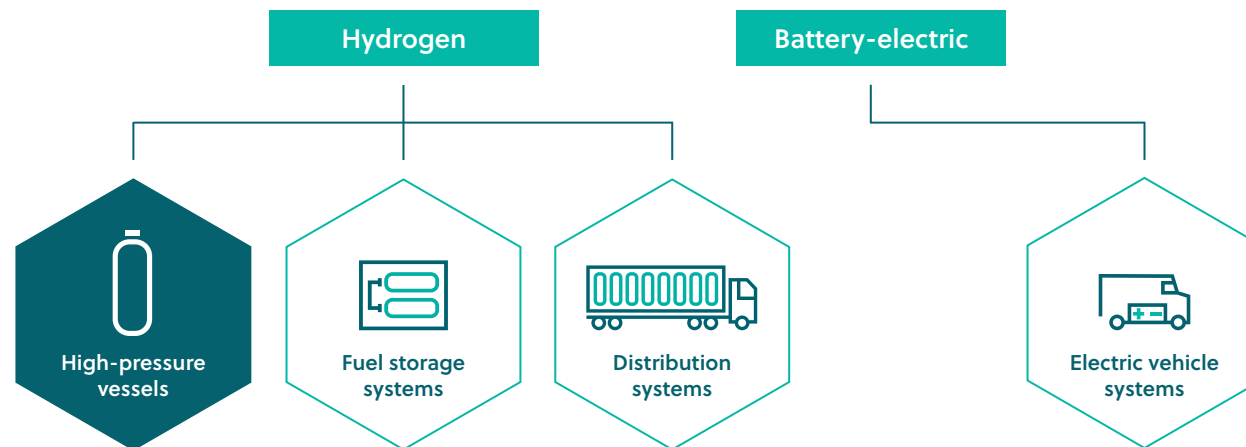
Ground storage

Hydrogen Type 4 cylinders

Hexagon Purus is a globally leading supplier of Type 4 high-pressure composite cylinders and systems for storage and transport of gases under pressure. Type 4 cylinders are the best combination of safety, efficiency and durability available. Their lightweight construction improves vehicle range, payload and handling.

Hexagon Purus is well positioned across the hydrogen value chain with cylinders and systems for cars, trucks and buses, ground storage, transportation, maritime and rail. Development and production take place at modern facilities in Canada, Germany and the USA.

Product Areas





Hydrogen Type 4 cylinder information*

Hexagon Purus

	Nominal working pressure (15°C)	Outside diameter	Overall length	Cylinder weight	Water volume	Hydrogen capacity	Weight ratio <small>(hydrogen weight/cylinder weight)</small>	Suitable for neck mount	Approval
	MPa	mm	mm	kg	L	kg	%		
A	25	503	2342	94	350	6.3	6.7	✓	TPED
B	25	654	2413	147	581	10.4	7.1	✓	ABS/US DOT
C	25	653	4419	267	1170	21.0	7.9	✓	ABS/US DOT
D	25	653	5689	342	1544	27.8	8.1	✓	ABS/US DOT
E	30	509	2342	112	350	7.4	6.6	✓	TPED
F	31.8	503	2342	94	350	7.8	8.3	✓	TPED
G	35	430	3190	101	312	7.5	7.4	✓	EC79/HGV2
H	35	430	2110	67	193	4.7	7.0	✓	EC79/HGV2
I	35	509	2342	112	350	8.4	7.5	✓	EC79
J	38.1	509	2342	112	350	9.0	8.0	✓	TPED
K	50	520	2357	180	333	10.6	5.9		TPED
L	70	332	921	33	36	1.4	4.2	✓	EC79
M	70	440	1050	59	76	3.1	5.3	✓	R-134/HGV2
N	70	530	2154	188	244	9.8	5.2	✓	EC79/HGV2
O	70	705	2078	272	457	18.4	6.8	✓	R-134/ HGV2 planned
P	95	515	2783	365	254	12.4	3.4	✓	PED/US DOT

* This list summarizes frequently built units, other sizes may also be available. Please contact us for more information.



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Clean air everywhere