The 4 types · side-by-side

Distributor-facing reading. Each row gives best-for, key trade-off, capacity, price band, and how many of SPC's tier slots carry an option at that product type.

PRODUCT TYPE	BEST FOR	KEY TRADE-OFF	TYPICAL CAPACITY	PRICE BAND	BRANDS SPC CARRIES
Vertical THE DEFAULT · UPRIGHT ON LEGS, SMALLEST FLOOR FOOTPRINT	**Standard compressor rooms, every time.** Default-configuration storage for any fixed compressor with normal ceiling height. Uses the least floor area for a given gallonage, drains condensate from a single low point, and serves equally as wet-tank (before the dryer) or dry-tank (after): placement, not tank, defines the role.	NEEDS THE CEILING CLEARANCE A 1,060-gallon vertical stands 9-11 feet tall with the safety valve riser; under ~8 feet of clearance to steel rules it out. Floor must be load-rated and level for plumb anchoring through all four legs; mezzanine or second-floor installs may need slab reinforcement.	10 – 1,550+ gallons 60-240 gal common stock · 400-1,060 gal regional stock · larger built to order	$ – $$	MANCHESTER TANK + MORGANTON
Horizontal SADDLE-MOUNTED · THE LOW-CEILING AND SKID-PACKAGE ANSWER	**Where headroom or skid layout drives the spec.** Low-ceiling compressor rooms (mezzanines, basements, retrofit spaces), OEM skid-mounted compressor packages where the tank lies under or alongside the air-end, mobile and container-mounted systems, and sanitary installs where the tank runs along a wall.	TRADES FLOOR AREA FOR HEIGHT Same gallons in horizontal need more floor length: a 1,060-gallon horizontal is 30+ inches in diameter and 20+ feet long. Don't let customers pick horizontal by default; in a normal-ceiling room a vertical uses the space more efficiently. Pad must be pitched toward the drain end for condensate to gravity-drain.	15 – 1,060+ gallons same stock pattern as vertical · 300 PSI on some smaller sizes	$ – $$	MANCHESTER TANK + MORGANTON
Portable MOBILE · 30-80 GAL · THE WORK FOLLOWS THE AIR	**Construction sites, body shops, satellite point-of-use.** Construction sites with portable diesel compressors, auto-body paint booths fed by long hose runs, mobile service trucks, rental fleets, and satellite work cells where running dedicated piping doesn't pencil out. Relocates storage to where the work actually happens so tools see steady pressure, not long-hose droop.	SMALL CAPACITY · STILL A CODE VESSEL Caps out around 80 gallons typical: not a substitute for fixed compressor-room storage. Still ASME-coded and U-stamped above 15 PSI; portability doesn't exempt the vessel from code or state registration. Outdoor service needs winterization or the drain freezes and the tank takes damage.	30 – 80 gallons typical wheeled cart · skid-frame · trailer-mounted	$	1 / 5 · MANCHESTER TANK ONLY

Specialty / Custom ENGINEERED TO SPEC · THE CATALOG CAN'T COVER IT	**Where the catalog ends.** High-pressure storage above ~300 PSIG (hydrogen, nitrogen, R&D test stands: Division 2 territory), non-standard geometry that won't fit a stock tank, exotic materials (304/316 stainless for food and pharma, Hastelloy/Inconel for corrosive service, jacketed designs), and large-volume vessels beyond the catalog range (10,000-60,000+ gallons for energy storage and utility-scale projects).	PROJECT LEAD, PROJECT PRICE Engineered and built to order: not stocked. Division 1 vessels run 8-16 weeks, Division 2 runs 12-24 weeks, large-volume or exotic-material work can run 6-9 months. Audit-regulated work (aerospace, defense, FDA) needs the full U-1A Manufacturer's Data Report package: lock the documentation scope in the spec sheet before fabrication, not at delivery.	Any size · up to 60,000+ gallons ASME Section VIII Div 1 or Div 2 · stainless / alloy / jacketed	$$$	 MORGANTON + SAMUEL PVG

Reading the brand bench column: the bar shows how many of SPC's tier slots (Industry Leader · Emerging · Economical · adjacent) carry an option at that product type. The receiver category runs narrower than dryers or filtration: Manchester Tank and Morganton anchor the stationary side with overlapping coverage on vertical and horizontal, Manchester carries the portable bench alone, and Samuel PVG joins Morganton's engineered-vessel division on specialty work. Code-stamped, U-stamped, National Board registered baseline on every line: SPC does not sell uncoded vessels for above-15-PSI service.