

IMW Industries Ltd. is a North American company located in Canada with over 100 years of manufacturing experience. In 1912, IMW started as a Blacksmith shop in Chilliwack, BC and was named Ironsides Machining & Welding, marking the beginning of IMW's journey. As a leading manufacturer of Natural Gas Compression Systems in the alternative energy industry, IMW has supplied over 3,000 compression units worldwide in Midstream, Industrial and Distribution markets since 1984.

PRODUCT OVERVIEW



IMW's CompleteCNG solution includes proven CleanCNG green technology in a package combining portability with configurable plug-and-play installation. The self-contained system gets a smaller footprint compared to the standard built-in station and requires minimal on-site construction, making it fast to install and easy to relocate.

- Single or Twin Configuration.
- Includes: Compressor, gas management panel, fill post, storage cylinders, dryer (optional) and defueling panel (optional)

DATASHEET

DATA	UNIT OF MEASURE	VALUES
DRIVEN CONFIGURATION	-	CNG station integrated into one skid. Dryer, Compressor (1 or 2), Priority Panel, Storage, Fill Hoses, Defuel Hose, and Main Electrical Panels
SUCTION PRESSURE	bar (psi)	Multiple ranges from: 0.3 ÷ 70 (5 ÷ 1,015)
DISCHARGE PRESSURE	bar (psi)	310 (4,500)
MAX FLOWRATE	Sm ³ /hr (SCFM)	4,909 (2,895) per compressor
MAX POWER	kW (Hp)	224 (300), 150 (200), 112 (150), or 75 (100)
COMPRESSOR SPEED	rpm	550 - 985
OIL CARRYOVER	ppm	10 or less
NOISE LEVEL	dB(A)	<75 or <85 @3M
SKID FOOTPRINT	Meters (feet)	Twin: 12.3L x 2.5W x 2.7H (40.5L x 8.1W x 9.0H) Single: 8.5L x 2.5W x 2.7L (28.2L x 8.1W x 9.0H)
OPERATING TEMP. RANGE	°C (°F)	-40 ÷ +45 (-40 ÷ +113)
CODE COMPLIANCE	North America	ASME B31.3, ASME BPVC, CSA B51, CSA B108, NFPA 52, NFPA 70, UL508A, CSA 22.2, CSA 12.8

BENEFITS



GREEN

CompleteCNG design with its well-known IMW 50 series non-lubricated compressor produces the cleanest possible downstream gas, avoiding oil buildup in storage cylinders as well as ensuring cleaner combustion in the vehicles.



FOOTPRINT AND FLEXIBILITY

This solution hosts up to 2x IMW 50 series compressors, the dryer, filters, storage pack and the gas management panel. A defueling panel together with fast fill hose and time fill posts complete the entire offering. Its design with non-permanent mounting solutions, has been carried out to simplify future redeployment.



FAST INSTALLATION AND EASY MAINTENANCE

Its simple and "standard" design allows fast installation and relocation: all wiring connection is carried out at IMW-CEC facility together with the acceptance test. In addition, Remote Monitoring svc is available as option to minimize on-site maintenance activities.