

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



A reliable cost-effective solution that combines the simplicity of the design yet the reliability and efficiency of IMW CNG package.

- Electric drive unit with IMW50 reliable reciprocating compressor
- Non- enclosed (or enclosed) solution with Compact footprint
- North American Standards (NFPA 52, NFPA 70, ASME)
- 1L & 3-Line on-board Mechanical Priority panel

## DATASHEET

DATA	UNIT OF MEASURE	STANDARD	OPTIONAL
DRIVEN CONFIGURATION	-	Single IMW50 series compressor	
SUCTION PRESSURE	bar (psi)	4 ÷ 7 (58 ÷ 102)	Multiple ranges from: 4 ÷ 70 (5 ÷ 1,015)
DISCHARGE PRESSURE	bar (psi)	250 (3,625)	310 (4,500)
MAX FLOWRATE	Sm <sup>3</sup> /hr (SCFM)	3,363 (1,983)	
MAX POWER	kW (Hp)	224 (300)	
COMPRESSOR SPEED	rpm	550 - 985	
OIL CARRYOVER	ppm	10 or less	
NOISE LEVEL	dB(A)	90 @3M	
SKID FOOTPRINT	Meters (feets)	3.2L x 2.2W x 2.2H (10.5L x 7.25W x 7.25H)	
CODE COMPLIANCE	North America	ASME B31.3, ASME BPVC, NFPA 52, NFPA 70	

## BENEFITS



### COST-EFFECTIVE

Optimized cost-effective package with North American quality.



### INTEGRATED SOLUTION

The ElectricCNG compressor is on-skid air cooled compressor package.



### CLEANER FUELS

CNG engines produce a substantial reduction (approx. 75 to 90%) in fine particles and NOX compared to petrol or diesel.