

Clean Energy Compression’s (IMW Industries’) roots go back over 100 years to a Blacksmith’s shop in Chilliwack, BC Canada where Ironsides Machining & Welding was established in 1912. A key player in compression and decompression infrastructure technology since 1984, IMW has delivered and supplied more than 3,000 compression units worldwide in Midstream, Industrial and Distribution markets.

PRODUCT OVERVIEW



The UnpluggedCNG is IMW’s Engine Drive unit that utilizes the IMW50 non-lubricated compressor. This compact design was carefully thought-out to provide ease of maintenance yet reflects a compact design optimizing its dimensions.

This Engine Drive unit reduces the electrical power requirements due to its natural gas combustion engine and utilizes a high-efficiency gas-to-air heat exchanger for interstage and discharge gas cooling. Same as all IMW compressors, this design is modular and can accommodate all ranges of inlet pressures available in IMW electric drive units.

DATASHEET



DATA	UNIT OF MEASURE	VALUES	
INLET PRESSURE RANGE	bar (psi)	0.3-69 bar (5-1000 psi)	0.7-48 bar (10-696 psi)
DISCHARGE PRESSURE	bar (psi)	310 bar (4500 psi)	250 bar (3626 psi)
MAIN MOTOR POWER	HP (kW)	Up to 325 HP	
NOISE LEVEL	dB(A)	85DBA @3M (Hospital grade silencer)	
ENGINES AVAILABLE	-	Cummins	Caterpillar
SKID FOOT PRINT	Feets (Meters)	15’6” L X 8’ W X 7’4” H (4.7M L X 2.3M W X 2.4M H)	
HAZARDOUS AREA CLASSIFICATION	-	C1D2	
CODE COMPLIANCE	-	ANSI, ASME, NFPA, UL, CSA	

BENEFITS



REDUCED ELECTRICAL POWER REQUIREMENT

The Natural Gas powered engine generates all required power for compression eliminating dependency on power grid.



COMPACT DESIGN

IMW’s Proven platform combined with advanced remote monitoring options ensures the gas keeps flowing.



INCREASED UP TIME

UnpluggedCNG has an increased up time due to reduces dependence on local grid power.