



# The RFM 2000 Pulsed Generator Specifications



Generator	
Dimensions	L 30 in x H30 in x D 22in L.76m x H .76m x D.56m

Weight	290 lbs ( 130 kg)
Power requirements	208v single phase,50/60Hz

RFM Dump Gun	
Weight	14 lbs ( 6.5 kg)
Length	36 inches to 48 inches (.91m to 1.2 m)

High Pressure Hose	
50 feet (15m) standard	
100 feet (30m) and 150 feet (45m) (optional at additional cost)	

**Pump specifications required to operate the Standard RFM 2000 Pulsed Generator (Not supplied)**

Operating Pressure	max. 10,000 psi (700 bar)
Flow rate	min. 4 gallons per orifice (32 Litres)

**VLN's team of engineers can custom build your RFM 2000 Pulsed Generator to work with a wide variety of pressures and flow rates**



## Industrial applications

The RFM 2000 improves your efficiencies in many industry applications including:

- Deburring
- Hydro demolition
- Radioactive Decontamination
- Marine and Ship repair

**AND THE LIST GOES ON...**

*Keep Your Finger on the Pulse*

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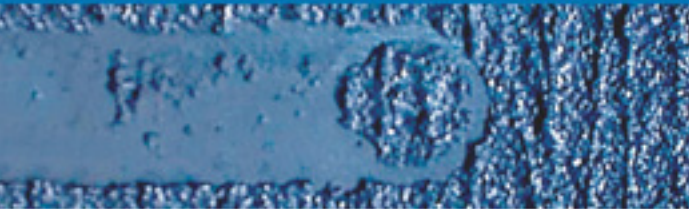
# 30<sup>+</sup> years of R&D

After more than 30 years of Research and Development. Dr. Mohan Vijay and VLN Advanced Technologies have designed and patented the RFM 2000.

## ***RFM2000*** *pulsed generator*



Simply attach the Pulsed Generator to your existing 10,000 psi (700 bar) High-Pressure pump and remove coatings that would normally take UHP pressures.



10,000 psi (700 bar) **without** the RFM 2000  
**Primer is not removed**



10,000 psi (700 bar) **with** the RFM 2000  
**Coating removed to white metal finish**

**Non-Skid Coating - 25 mil MS 440G**  
(epoxy/aluminum oxide mix)

These forced high-frequency pulses produce an extremely high dynamic pressure on the target surface fragmenting the coating

Continuous Waterjet



Ultrasonic Waterjet at 20,000 pulse per second

