



**ADVANCED WELL STIMULATION TECHNOLOGIES.**

# MATRIX ACIDIZING WITH A DIFFERENCE.

## STIMSTIXX TECHNOLOGIES

StimStixx is a faster, more efficient means of cleaning wellbore perforations and re-establishing conductivity to the reservoir.



## THE STIMSTIXX ADVANTAGE

- Electric wireline conveyed for pinpoint accuracy
- Rigless
- Saves time & money
- Heated acid vapor is highly reactive for increased efficiency
- Minimize environmental impact
- Safer than traditional acidizing methods
- Available in hcl and hcl/hf blends




  
FOUR  
STIMSTIXX



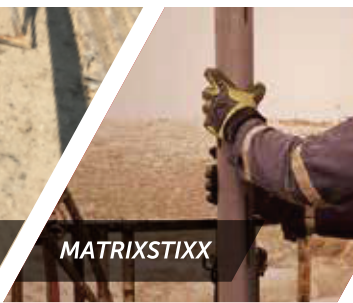
= ONE ACID HAULER

**THE FIRST MAJOR ACID STIMULATION  
ADVANCEMENT IN DECADES.**


[StimStixx.com](http://StimStixx.com)


**THRU-TUBING MATRIXSTIXX**
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- Thru-Tubing Acid Stimulation
- Quick and easy deployment via Electric Wireline
- Available in HCl & HCl/HF blends


**MATRIXSTIXX**
**MATRIXSTIXX**

- Same acid formulation and volume as the new Thru-Tubing MatrixStixx
- Available in HCl & HCl/HF blends


**DEBRIS PULLED FROM FORMATION**
**IMPLOSIONSTIXX**

- Cleans wellbore perforation tubes by creating an implosion downhole


**POST-RUN**
**HOTSTIXX**

- Creates pressure and heat downhole to eliminate paraffin buildup

PRODUCT NAME	TOOL OD IMPERIAL / METRIC	TOOL LENGTH IMPERIAL / METRIC	MAX BHP IMPERIAL / METRIC	MAX BHT IMPERIAL / METRIC
Thru-Tubing MatrixStixx	2" / 50.8 mm	12' 1" / 3.7 m	8,702 psi / 60 MPa	320 °F / 160 °C
Thru-Tubing MatrixStixx	2 ¼" / 57.2 mm	12' 1" / 3.7 m	8,702 psi / 60 MPa	320 °F / 160 °C
Thru-Tubing MatrixStixx	2 ½" / 63.5 mm	12' 1" / 3.7 m	8,702 psi / 60 MPa	320 °F / 160 °C
Thru-Tubing MatrixStixx	3" / 76.2 mm	12' 1" / 3.7 m	7,252 psi / 50 MPa	320 °F / 160 °C
Thru-Tubing MatrixStixx	3 ½" / 88.9 mm	10' 6" / 3.2 m	5,801 psi / 40 MPa	320 °F / 160 °C
MatrixStixx	3 ⅝" / 92.1 mm	12' 1" / 3.7 m	4,351 psi / 30 MPa	248 °F / 120 °C
ImplosionStixx	3 ⅝" / 92.1 mm	28' 2" / 8.6 m	4,351 psi / 30 MPa	248 °F / 120 °C
HotStixx	3 ⅝" / 92.1 mm	12' 1" / 3.7 m	4,351 psi / 30 MPa	248 °F / 120 °C

## APPLICATIONS FOR STIMSTIXX TOOLS:

- Producing Oil and Gas Well Remediation
- Water Injection and Water Disposal Well Remediation
- Perforate and Acidize in One Run
- Paraffin cleanout
- Pre-cement squeeze treatment
- Pre-frac treatment
- Scale removal from sliding sleeves in completion systems
- Multiple port horizontal well treatments



### SAVES YOU TIME AND MONEY

- Reduces man-hours and rig time
- Eliminates auxiliary equipment:
  - Acid pumpers / haulers
  - Flowback equipment
  - Shower unit, rental tank
  - Water truck
- Eliminates:
  - Post treatment well cleanup
  - Fluid disposal costs
  - Perforation isolation, acid diversion and acid inhibitor costs



### HIGHLY EFFECTIVE

- Wireline, coiled tubing and tractor conveyed for pinpoint accuracy
- Acid is generated directly over the perforation intervals in a heated vapor form
- Increases penetration and contact to formation due to low viscosity vapor
- Heated acid vapor (302 °F / 150 °C – 482 °F / 250 °C), is highly reactive with contaminants and carbonate reservoirs
- Reduces tendency for channeling to the water leg due to low density of acid



### SAFE AND CLEAN

- Eliminates risks associated with high pressure acid/chemical pumping, including:
  - Transportation to site
  - Exposure to crew members
  - Environmental spills
- Significantly reduces carbon footprint by eliminating auxiliary equipment on location
- Reduces chemical impact by up to 90%
- Eliminates the use of potable water