



**CTT**

**Coil Tubing Technology, Inc.**

**CTT Ampli-Max  
(Patented)**

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**Description:**

The Ampli-max is set up as a dual stage tool. The top end of the tool incorporates a dual acting valve mechanism that relieves a spring loaded triggering mechanism accelerating a piston to an internal stop creating a high energy internal frequency impact in a timed sequence with dual acting (up and down) impulses controlled by pressure and fluid (or gas) volumes. The energy generated in the top tool section is thus converted to lateral hertz frequency.

The bottom end of the Ampli-max consists of an internal rotational motor with an eccentric counter weighted component that generates high rpm and radial frequency based on pressure and GPM. The CTT Ampli-max is a unique tool that generates both lateral and radial hertz frequency that assists in the efficiency of extended reach drilling.



# CTT

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## CTT Ampli-Max (Patented)

O.D. SIZE	STANDARD CONNECTION	LENGTH INCHES	WEIGHT LBS.	TEMPERATURE °F	OPER. PRESSURE DROP	MAX PULL
2.875	2-3/8" PAC	77"	100 LBS	450	300 – 1000 PSI	75,000
2.875	2-3/8" PAC	113"	150 LBS	450	300 – 1000 PSI	75,000
3.125	2-3/8" REG	77"	125 LBS	450	300 – 1000 PSI	90,000

### 2.875" Ampli-Max

#### PSI

100 PSI  
200 PSI  
300 PSI  
400 PSI  
500 PSI  
600 PSI

#### GPM/LITRE

40 GPM / 151 LITRE  
60 GPM / 227 LITRE  
80 GPM / 303 LITRE  
100 GPM / 379 LITRE  
120 GPM / 454 LITRE  
180 GPM / 681 LITRE

#### FREQUENCY HZ

30.5 HZ  
38 HZ  
52 HZ  
68 HZ  
74 HZ  
85 HZ

#### PSI DROP ACROSS TOOL

250 PSI  
300 PSI  
400 PSI  
600 PSI  
800 PSI  
900 PSI

### 2.875" Extreme Ampli-Max

#### PSI

100 PSI  
200 PSI  
300 PSI  
400 PSI  
500 PSI  
600 PSI

#### GPM/LITRE

40 GPM / 151 LITRE  
60 GPM / 227 LITRE  
80 GPM / 303 LITRE  
100 GPM / 379 LITRE  
120 GPM / 454 LITRE  
180 GPM / 681 LITRE

#### FREQUENCY HZ

50.5 HZ  
58 HZ  
72 HZ  
88 HZ  
94 HZ  
105 HZ

#### PSI DROP ACROSS TOOL

250 PSI  
300 PSI  
400 PSI  
600 PSI  
800 PSI  
900 PSI

### 3.125" Ampli-Max

#### PSI

100 PSI  
200 PSI  
300 PSI  
400 PSI  
500 PSI  
600 PSI

#### GPM/LITRE

40 GPM / 151 LITRE  
60 GPM / 227 LITRE  
80 GPM / 303 LITRE  
100 GPM / 379 LITRE  
120 GPM / 454 LITRE  
180 GPM / 681 LITRE

#### FREQUENCY HZ

33.5 HZ  
41.8 HZ  
57.2 HZ  
74.8 HZ  
81.4 HZ  
93.5 HZ

#### PSI DROP ACROSS TOOL

250 PSI  
300 PSI  
400 PSI  
600 PSI  
800 PSI  
900 PSI