



CTT

Coil Tubing Technology, Inc.

CTT Amplidyne

Description:

The “CTT Amplidyne” is used with the “CTT H/H Jar” to intensify the impact at the jar hammer and anvil.

The “CTT Amplidyne” develops reactive energy from the overpull or setdown on the jar. The energy is then transferred into a fluid spring and valve system that accelerates the velocity enhancing by four times the over pull or setdown weight as impact force at the hammer and anvil.

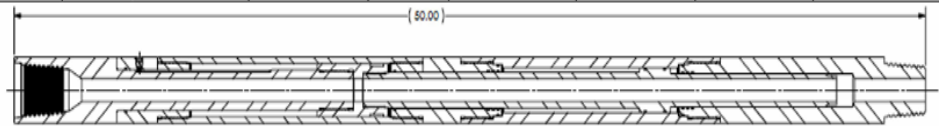
The “CTT Amplidyne” is compact in length to maintain a short fishing or drilling string on coiled tubing, yet designed to maximize the velocity and impact to the hammer and anvil at the jar release. The “CTT Amplidyne” has a large I.D. to permit passage of drop balls which permits placement of the tool at any position in the work string.





CTT Amplidyne

OD SIZE	STANDARD CONNECTION	LENGTH Ft.	I.D.	OPER. OVERPULL	OPER. SET DOWN	STROKE INCHES	TEMPERATURE °F
1.50	Available upon request						
1.69	1" MT	57"	.562"	8K	8K	3.5"	500
2.125	1-1/2" MT	57"	.625"	16K	16K	3.5"	500
2.875	2-3/8" PAC	57"	1"	25K	25K	3.5"	500
3.125	2-3/8" PAC	57"	1"	35K	35K	3.5"	500
3.50	2-3/8" PAC	61"	1"	50K	50K	4.0"	500



"1.50" 1.688 2.125 2.875 3.125 3.50
 "Amplidyne" "Amplidyne" "Amplidyne" "Amplidyne" "Amplidyne" "Amplidyne"

Assembly Part Number	Available upon request	91-1688	91-2125	91-2875	91-3125	91-350
Outside Diameter (Inches)		1.168"	2.125"	2.875"	3.125"	3.50"
Inside Diameter (Inches)		0.562"	0.625"	1"	1"	1"
Overall Length (Closed)		57.25"	57.25"	57.25"	57.25"	61.00"
Overall Length (Open)		64.25"	64.25"	64.25"	64.25"	68.00"
Total Stroke		7"	7"	7"	7"	7"
Approximate Weight		25 Lbs.	35 Lbs.	55 Lbs.	95 Lbs.	125 Lbs.
Standard Tool Joint		1" AMMT Pin Down / Box Up	1 1/2" AMMT Pin Down / Box Up	2 3/8" PAC Pin Down / Box Up	2 3/8" PAC Pin Down / Box Up	2 7/8" PAC Pin Down / Box Up
<i>Operational</i>						
Recommended Maximum Overpull Weight (Lbs.)		28,000	46,000	65,000	90,000	95,000
Maximum Setdown Weight (Lbs.)		28,000	36,000	45,000	55,000	60,000
Torsional Yield (Ft-Lbs.)		1,500 Ft. Lbs.	5,500 Ft. Lbs.	8,000 Ft. Lbs.	14,000 Ft. Lbs.	14,000 Ft. Lbs.
Tensile Yield		56,000	76,000	105,000	300,000	400,000
Temperature Rating(F)		500 F	500 F	500 F	500 F	500 F