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ENERGY SERVICES LTD.

**PEOPLE...**

**SERVICE...**

**INNOVATION**

## Coiled Tubing Trailer Mounted Unit



### CORPORATE OFFICE

#### Calgary

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### FIELD OFFICES

Grande Prairie, AB

Red Deer, AB

Brooks, AB

Denver, CO

Mt. Pleasant, MI

- This unit is capable of travelling on a 75% road ban carrying 3100m of 1 1/4" pipe

- Rig up time is reduced due to the self-contained crane, taking up a smaller footprint





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# Specifications

## Intermediate Coiled Tubing Unit

Patent Pending

<b>Truck</b>	Kenworth 8X4 (Tandem)
<b>Trailer</b>	Tri Axel
<b>Crane</b>	
Knuckle Joint Reach	39 ft (12.19 m)
Stabilizer	Fixed
Max Lift	10,527 lbs (4,774 kgs)
<b>Injector</b>	
Hitec	RT-25
Pull	25,000 lbs (11,337 kgs)
Snubbing	25,000 lbs (11,337 kgs)
Dia. of tubing injector will handle 1/4" increments to 2"	
Outside Chain	120-3
Inside Roller Chain	60-3
No. of Skate Cylinders (inside)	2 Pair
Chain Tension (outside)	Spring
Crash Cage	Standard
Guide Arch	60" (152 cm) Radius
Hydraulic Leveling Bail Arm	Standard
Velocity Fuse on Inside Skate Circuit	
Mechanical Snubbing Locks on Outside Chain Tension	
Motion Control and Lock Valve	
Failsafe Brakes on Injector Drive Motors	
Stripper Pac Off (Vanoil Hydraulic Actuated) 5000 psi	
<b>Power Pack</b>	Hydraulic Power taken from Daewoo Deck Engine
<b>Hose Reel</b>	Internally Ported Swivels for Injector Drive
<b>Functions</b>	50' (15 m) Hoses
<b>Tubing Reel</b>	
Reel	106" OD x 61" Core x 48" Wide
Capacity	24,200 ft (7,376 m) 1" Tubing
Capacity	14,900 ft (4,541 m) 1 1/4" Tubing
Capacity	10,400 ft (3,169 m) 1 1/2" Tubing
Drive Type	Hydraulic Motor & Chain
Brake	Pneumatic Failsafe
Spooler System	Transverse Mount
Circulating Iron	6,000 psi
Shaft Double Ported	
<b>Safety Features</b>	
All Operations Controlled from Console in Control Cab	
Safety Guard over Chain Drive	
50' (15 m) Remote for H <sub>2</sub> S Operation	
Two Fire Extinguishers per Tandem Bodyjob	
<b>Rotating Joint</b>	
Through Bore Size	2"
NACE Spec	MR-01-75
Maximum Working Pressure	10,000 psi
Reel Iron Size	(1002) 2"

<b>Soap Tank</b>	
Size	360 Gallons
Exhaust Heat for Winter Protection	
<b>Soap Pump</b>	
Flow	5 GPM
Pressure	3,000 psi
<b>Methanol Tank</b>	Size 3 Gallons
<b>Control Console</b>	
House in Control Cabin	
Dual Scale Gauges	
All Functions of the Unit can be Controlled from Console	
Lights for Working in Low Light Conditions	
<b>Electronic</b>	
Power Source	12 Volts
Electronic String Weight	
Circulating Pressure	
Wellhead Pressure	
Tubing Speed	
Tubing Depth	
<b>Stripper</b>	
Vanoil	5,000 psi (34,000 Kpa)
Hydraulic Actuated	
<b>BOP's</b>	
Vanoil	5,000 psi (34,000 Kpa)
3 1/16" Combo (Blind Shear & Tubing Slip)	
Control from the Control Console or by Remote	
<b>Data Acquisition</b>	
TESC Real Time Display Logging	
<b>Drives</b>	
All Drive Chains, Spooler Chains, Hydraulic Fans, Engine Accessory Belts, etc. come Complete with Safety Guards	
<b>Lights</b>	
The CTU is Fully Equipped with Fixed and Moveable Flood Lights for Working in Low Light Conditions	



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