

COSSD

PRODUCT CATALOGUE

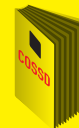
for

TUNDRA
PETROLEUM • SERVICES



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WAYS TO USE
COSSD.com



SMARTPHONE / WEBSITE / DIGITAL EDITION / BOOK / iPad / GPS



AUTOMATED BATCH SYSTEM

- **Reduce Run Times**
- **Reduce Operating Costs**
- **High Net Back Wells**

- Using our pump and capillary string in conjunction with a load cell or on a timer, the system will detect early paraffin build up and will deliver the minimal amount of condensate or solvent required to eliminate the paraffin issue automatically

- Landing the capillary tubing just below the paraffin / cloud point will give the best response time with batching condensate or a solvent.



SPECS

Basic Specs for Automated Batch Systems

- High efficiency, UL listed, CSA approved units with solar or AC power
- Will work in conjunction with a pump off controller / load cell or timers
- Capable of pump rates 5.5 litres/min up to 5000 psig discharge
- Class 1 Groups C & D; Class 2 Groups E, F & G
- CSA certified for use in Class 1 Div 2 hazardous locations
- Dual walled steel tank





CAPILLARY INJECTION SOLUTIONS FOR GAS WELLS



- Low Reservoir Pressure Gas Wells
- Wells with Packers
- Deep Horizontal Wells
- MonoBore Completions
- Sour and Corrosive Environments
- Long Perforated Intervals and Commingled Wellbores



Foam Lift Systems

- Effective placement of CORROSION and SCALE INHIBITION
- Precise injection to prevent HYDRATES
- Treat for PARAFFIN and ASPHALTENES
- Prevent SALT and SULPHUR BLOCKS
- Downhole H₂S SCAVENGERS

**Reduce Chemical Consumption
 Maximize & Stabilize Production**



- Terex B.T. 3063 rated to 15 tons with 19m of stick, equipped with Cranesmart*
- 42 litre accumulator system with N₂ backup for Elmar 3 Ram B.O.P. rated to 35MPa
 - Mechanical and digital load cells and depth indicators
 - Hydessco 3000kg pull hydraulic injector head
 - 35MPa stuffing box
 - Fully tooled for all operations with...
- NO HIDDEN CHARGES**





CHEMICAL INJECTION PUMPS

- Available in Both Solar and AC power
- Custom Designed



SPECS

Basic Specifications for Continuous Injection Pumps

- Environmentally friendly with no venting of marketable gas
- User friendly electronic controller for adjusting injection rates and frequency
- Capable of pump rates from 0.5 litres/day to 60 litres/day – 35 MPa max pressure
- Class 1 Div 2, 12 VDC ex-proof motor
- Single head SST pump, 1 panel, 2 batteries
- Dual head SST pumps and dual tank skids
- Dual walled chemical tank and containment





CAPILLARY INJECTION SOLUTIONS FOR OIL WELLS



- Available for SINGLE and DUAL line applications
- Self-sufficient knuckle pickers
- 35MPa triplex pump for establishing capillary flow rates
- N₂ integrity / purging operations
- Reciprocating hydraulics for ease of one man operation
- Self-sufficient tool air
- Fully tooled for all operations with **NO HIDDEN CHARGES**

Tundra Petroleum Services builds for success.

We take pride in doing what we do best: building relationships based on honesty and integrity with a commitment to safety and superior technical support.

We allow you, our client, to make confident production related decisions that result in cost effective optimization.

