



PUMPS

# UT Pumps & Systems Pvt. Ltd.

Redefining profitability through Pumping and Systems Solutions

## SUGAR INDUSTRY



**Single Screw Pump: EH Model**



**Single Screw Pump : ER Model**



**High Pressure Triplex Plunger Pump**



**High Pressure Jet Cleaning Machine**

### Single Screw Pump

- Transfer of Raw cane or Beet juice with fiber, Thick juice, Sulphited syrup, Masecuite, Lime slurry, Flocculants, Press mud, Molasses of different stages, Highly viscous pulp , Magma, Sugarcane juice



### High Pressure Triplex Plunger Pump

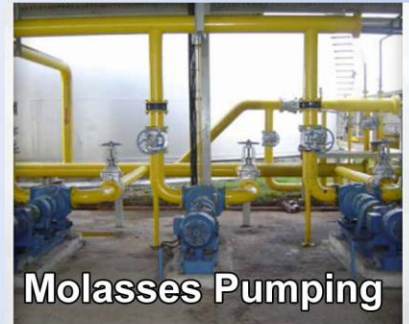
- Falling Film Evaporator Tube Cleaning
- Distillery Process Equipment and Tank Cleaning
- Hydro testing of Boiler, Pressure Vessels and Pipe line
- Cleaning of Centrifuge, Basket, Rotary Vacuum Screen, Wire mesh, Crystallizer Tank and Boiler Cleaning



**Evaporator cleaning**



**Condensor Cleaning**



**Molasses Pumping**

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# Usha Hydro Dynamics Limited

UHDL, a group company of UT Pumps and Systems Pvt Ltd (UTPSL) was established in 1980. An ISO 9001:2015 certified company with large fleet of Motor and Diesel Engine driven pumps provides services in the field of De-scaling of Equipments and Vessels through Hydro jetting.

## SUGAR INDUSTRY



### WE OFFER

- Compact Design, rugged construction pump with quieter operation.
- Variation in flow (5 LPM to 80 LPM) & pressure (**50 Bar to 1500 Bar**) with/without **Multi Lance System Power Control**
- Pressure regulator manufactured from forged steel with step less adjustment from zero to maximum.
- Spring loaded safety valve provides protection against overload.
- Pumps are mounted on four wheel trolley for easy movement.
- Faster cleaning than conventional cleaning like brushing, chemical, mechanical etc.
- Environment friendly operation as no chemical is used, only water is the cleaning agent
- High Possibility to clean equipment without dismantling thus saving precious time and cutting costs.

### Hydrojet Cleaning Services

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- Cleaning of Sugar processing plants, juice heaters, evaporators, agitators, process equipment of distilleries in sugar plants, air handling units, hoppers, tanks/ vessels, heat exchangers/condensers, economizer, boiler walls, cooling tower, filters, APH baskets
  - De-choking of drain pipes
  - Hydro-testing of boiler/ vessels/ pipe-lines

**BREAKDOWN  
MAINTENANCE**

**ANNUAL RATE  
CONTRACT**

**SHUTDOWN  
SERVICES**

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