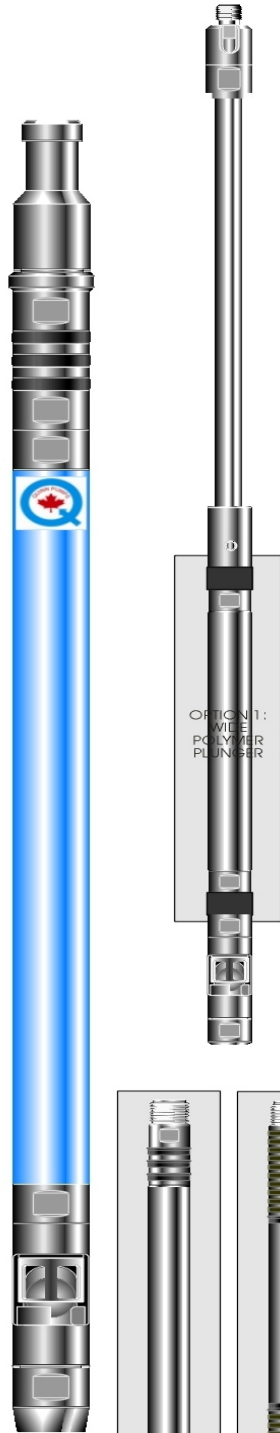




## HV Sand Pump

## Quinn's Sand Pump Systems



### Introduction

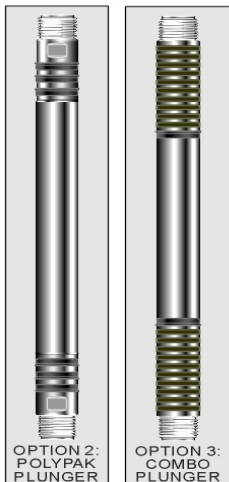
The new Quinn "High Velocity Sand Pump" is a revolutionary design which provides oil producers with a superior pumping system to produce sand laden fluids. This system is capable of handling a variety of abrasives, such as frac sand, formation sand and formation fines. The pumping system is a unique configuration of both new materials as well as an prevent any particulates from coming in between the plunger assembly and the barrel. In addition fluid is produced through a hollow pull tube that accelerates the fluid through the pump into the tubing. The benefit of this is the sand is carried into the tubing at high velocity and keeps it suspended as long as possible.



OPTION 1:  
WIDE  
POLYMER  
PLUNGER

### Description

Standard features are insert guided cages, hollow pull tube with three-wing valve, top hold down when depths and tubing size allow, alternate silicon nitride balls with tungsten carbide seats and a 2 stage valve. It can be run with a Frac, Combo or Spray Metal plunger.



OPTION 2:  
POLYPAK  
PLUNGER

OPTION 3:  
COMBO  
PLUNGER

### Advantages

- Increased fluid velocity through the pump
- Produces sand laden fluids
- Extended pump run lives
- Improved pump efficiencies

