



CELTIC PRIDE  
MANUFACTURING LTD.  
ALBERTA CANADA

## MODEL CPI-100K INJECTOR

The CPI-100K Injector has the actual highest weight to pull ratio on the market today, with a weight of 6,874lbs and a maximum pull of 130,000lbs at 6,000psi.

### Dimensions

Base length - 54"  
Base width - 24"  
Motor/gearbox width - 48"  
Height - 99"  
Weight - 6,874lbs

### Specifications

- ▲ Celtic Pride patented Re-circulating Skate system
- ▲ Celtic Pride patent pending Skate cylinders
- ▲ Hydraulic motors with built in counter balance valves
- ▲ Primary drive shafts rated at 4:1 safety at 100,000lbs pull
- ▲ Skate cylinders apply force directly to the back of the die
- ▲ Each Skate cylinder has internal machined porting between pistons.
- ▲ Skate cylinders are double acting
- ▲ Each Re-circulating ball Skate has 38" of contact area on the pipe
- ▲ 201,592lbs force @ 3,000psi squeeze
- ▲ Approx. force per tool steel ball 224lbs @ 100,000lbs pull
- ▲ At all times, 300 balls transferring the squeeze force to the tubing
- ▲ Skates do not need constant lubrication, greasing required once weekly
- ▲ Idler cylinders apply force directly to the top of the sprockets
- ▲ Idler sprockets have sealed long-life bearings
- ▲ Dies are 8620 material, CNC machined and hardened.
- ▲ Proven history- Injectors have never broken a die or 140-4 chain pin
- ▲ Cage engineered for 80,000lbs
- ▲ Injector base designed for easy removal of Side-Door Stripper.
- ▲ Injector Side-plates CNC line bored to within 3 thou. tolerance

