



**CELTIC PRIDE**  
MANUFACTURING LTD.  
ALBERTA, CANADA

## MODEL CPI-80K TALL INJECTOR

The CPI Series of Injectors have the highest weight to pull ratio on the market today.

The CPI-80K Tall has a weight of 6,682lbs and can pull 80,000lbs at 4,200PSI hydraulic pressure.

### Dimensions and Weight

Base length – 54”  
Base width – 24”  
Motor/gearbox width – 48”  
Height – 99”  
Weight – 6,682lbs

### 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 180lbs @ 80,000lbs 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



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