

# ADDED RIGIDITY FOR ULTIMATE PERFORMANCE

## ULTRA TECHNOLOGY

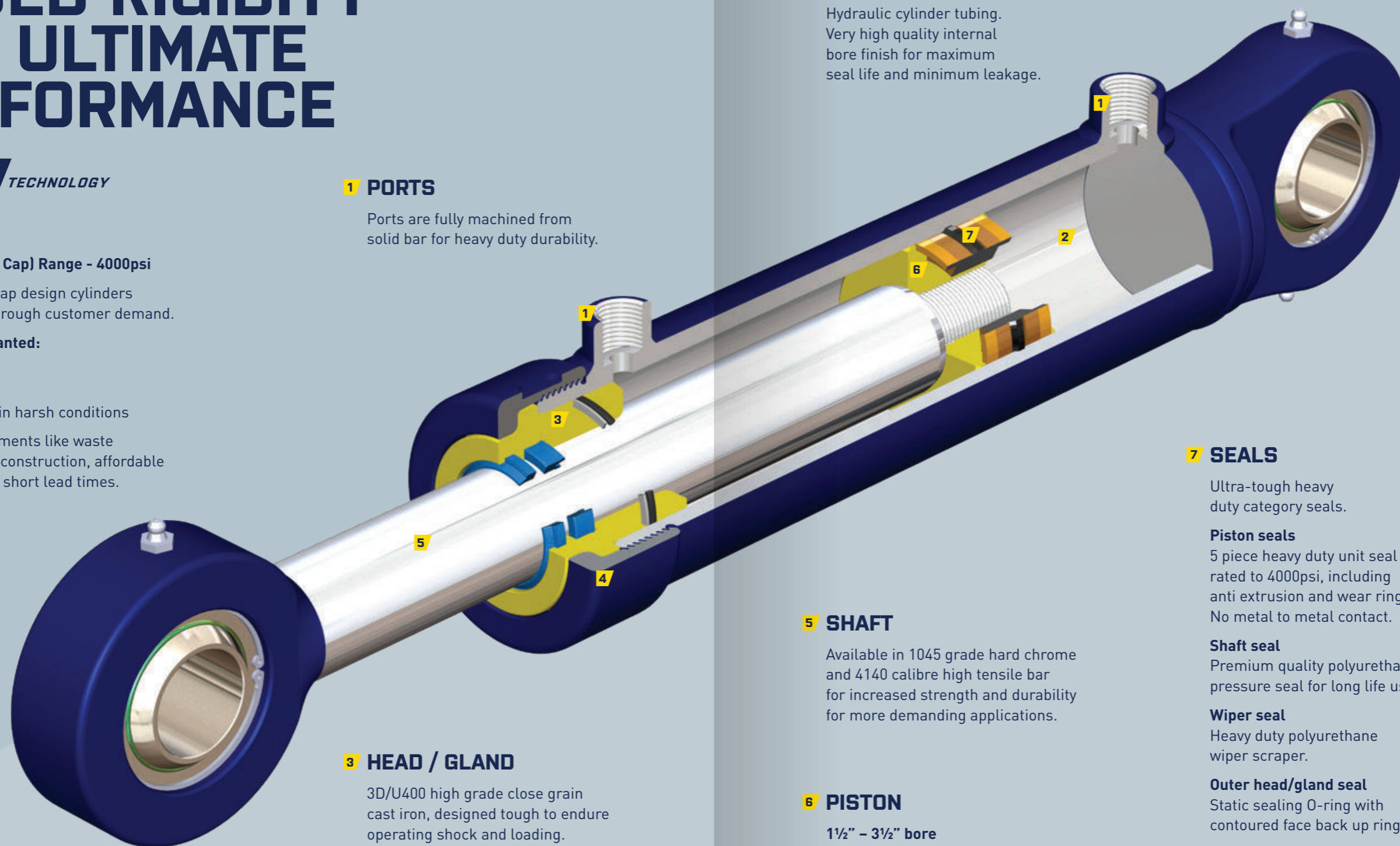
### ULTRA (Threaded Cap) Range - 4000psi

ULTRA threaded cap design cylinders were developed through customer demand.

#### Our customers wanted:

- Added rigidity
- 4000psi capable
- Extra durability in harsh conditions

Perfect in environments like waste management and construction, affordable and available with short lead times.



### 1 PORTS

Ports are fully machined from solid bar for heavy duty durability.

### 3 HEAD / GLAND

3D/U400 high grade close grain cast iron, designed tough to endure operating shock and loading.

### 4 GLAND CAP

1045 grade threaded cap for added rigidity and strength.

### 2 BARREL

Hydraulic cylinder tubing. Very high quality internal bore finish for maximum seal life and minimum leakage.

### 5 SHAFT

Available in 1045 grade hard chrome and 4140 calibre high tensile bar for increased strength and durability for more demanding applications.

### 6 PISTON

**1½" – 3½" bore**  
1040 steel 1 piece piston, internally threaded for high strength.

**4" – 6" bore**  
Steel two-piece piston with positive locking nut creating optimum strength.

### 7 SEALS

Ultra-tough heavy duty category seals.

#### Piston seals

5 piece heavy duty unit seal rated to 4000psi, including anti extrusion and wear rings. No metal to metal contact.

#### Shaft seal

Premium quality polyurethane pressure seal for long life usage.

#### Wiper seal

Heavy duty polyurethane wiper scraper.

#### Outer head/gland seal

Static sealing O-ring with contoured face back up ring.

### STANDARD MOUNTING OPTIONS



SOLID BASE

CLEVIS

ROD END

BALL END

COLLAR

TONGUE

**2** 2 YEAR WARRANTY

**NZ MADE AND DESIGNED**