



## 3" Utility Trash Pump 3T-DLC-15LD400

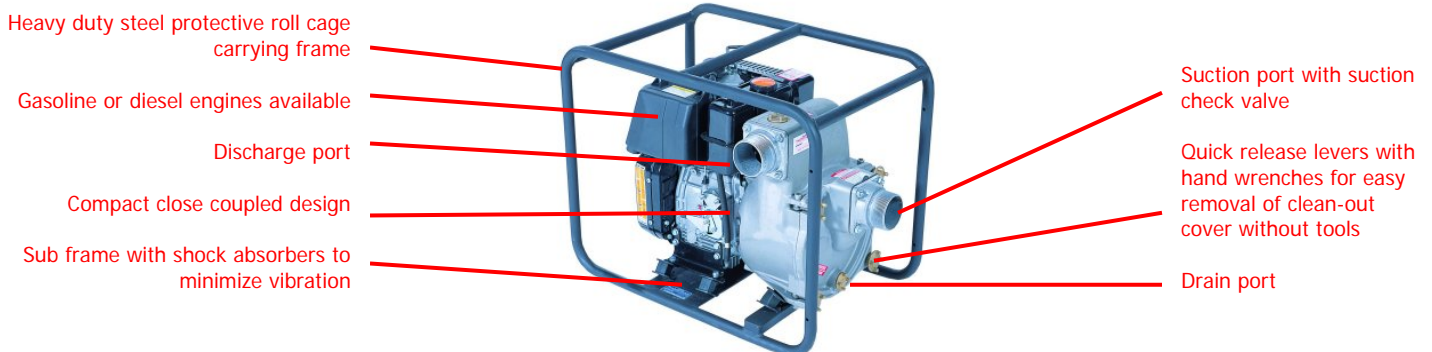
Thompson Utility Trash Pumps provide high performance with the mobility of a lightweight cast aluminum housing. With a replaceable volute, housing, impeller and wear plate, worn parts can be easily replaced in the field, saving time and money. For durability, portability and flexibility, the 3T-DLC-15LD400 performs over the long haul with low maintenance for continued service.

### Features

- Heavy-duty steel protective roll cage
- Self-priming
- Lightweight aluminum pump housing
- Moderate heads to 98 feet; Maximum flows to 435 gpm; Solids handling to 1.5"
- Compact close coupled design
- Front pull out design
- Lightweight and portable
- Quick repairs and shorter down times

### Applications

- Excavation and groundwater dewatering
- Stand-by or emergency dewatering
- Solids entrained and sediment laden mixtures
- Sewage transfer
- Booster service
- Liquid fertilizer
- Flood drainage
- Water supply from wells or canals
- Filling water trucks and pre-wet operations

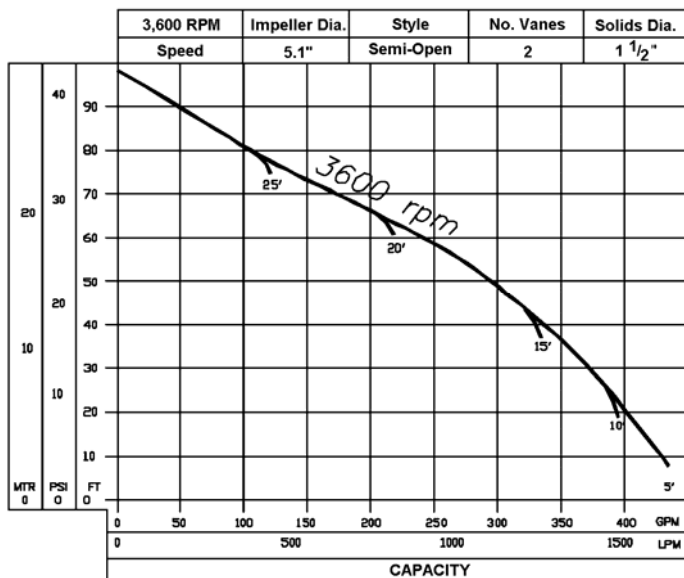


# 3" Utility Trash Pump

## 3T-DLC-15LD400

### 3T-DLC-15LD400 Performance Curve

*Hydraulic*



## Materials of Construction

**Pump Casing:** Rugged, heavy-duty cast aluminum with replaceable volute. Priming and drain covers fitted with wrench nuts that can be removed without special tools

**Volute:** Heavy-duty class 30 cast iron

**Impeller:** Dynamically balanced, two vane, non-clogging, semi-open, class 30 cast iron with rear-equalizing vanes to reduce axial loading and prolong seal and bearing life. Diameter 5.1"

**Wear Plate:** Replaceable, class 30 cast iron with abrasion resistant rubber facing for extended service life

**Mechanical Seal:** Grease or oil lubricated with Silicon Carbide rotating and stationary seal faces. Single inside mounted, non-pusher type with self-adjusting elastomeric bellows. All other components are 304 stainless steel and Viton.

**Suction Check Valve:** Built-in weighted, full-flow valve to eliminate re-priming with each cycle. Constructed of cast-iron and two-ply nitrile rubber with nylon reinforcement.

## Engine Specifications

**Engine:** Lombardini, 15LD400, 8 hp @ 3,600 rpm  
**Battery:** 12-volt, 270 CCA, 160A reserve capacity  
**Type:** 1-cylinder, 4-cycle, air-cooled diesel with fuel lift pump  
**Standard Equipment:** Recoil starter, fuel lift pump, and instrument panel  
**Displacement:** 19.2 cubic inches  
**Fuel Economy:** .379 lb/hp-hr @ 3,600 rpm  
**Safety Shutdowns:** Low oil pressure

## Unit Specifications

**Fuel Tank Capacity:** 0.75 US gallons  
**Fuel Consumption:** 0.32 gallons per hour  
**Maximum Operating Speed:** 3,600 rpm  
**Maximum Operating Temperature:** 212°F  
**Maximum Working Pressure:** 60  
**Maximum Suction Lift:** 25 feet  
**Maximum Casing Pressure:** 65 psi

*In the interest of product improvement, Thompson Pump & Manufacturing reserves the right to change specifications without incurring any obligation for equipment previously or subsequently sold. Capacity, Head and Pump Curve are for comparative purposes. Consult engineering data for exact capabilities.*  
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