

# 600 SERIES

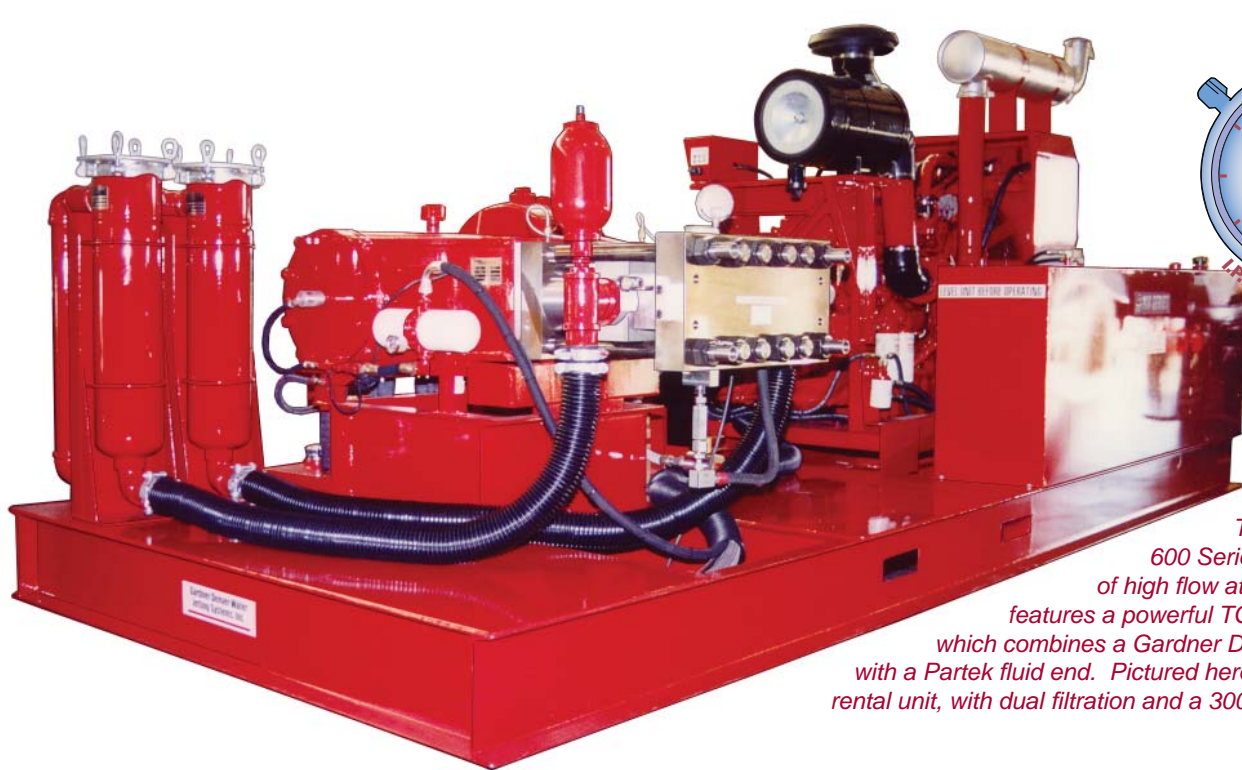
## Multi-Blasters® Up To 600 HP

### Pressures to 20,000 PSI

### Flows to 366 GPM



## High-Horsepower Convertible Pumping Units



*The Liqua-Blaster 600 Series offers the best of high flow at high pressure. It features a powerful TG-600HB/S pump which combines a Gardner Denver power end with a Partek fluid end. Pictured here is a 600VSDS rental unit, with dual filtration and a 300 gallon fuel tank.*

Gardner Denver Water Jetting Systems, Inc. offers the most complete line of high-pressure water jetting units in the industry with more choices to solve your cleaning problems. The Multi-Blaster® 600 Series was developed in response to the need for high flow rates at high pressure in a rugged, cost-effective packaged unit.

The Multi-Blaster® 600 Series is equipped with our TG-600HB/S pump, which combines a Partek® fluid

end and a Gardner Denver power end, representing two Gardner Denver product lines. The Multi-Blaster® 600 Series is ideal for power plants or other locations that utilize semi- or fully-automated systems.

All units are variable speed, and include diesel engine, six-speed transmission, fuel tank, pump filtration, pump instrumentation, and safety relief systems.

### 600 Series Pressures & Flows

Key performances by shifting transmission gears.

Flow rates based on 100% volumetric efficiency; rates may vary according to pump speed.

TG-600HB - 2" Plunger			TG-600S - 3" Plunger			TG-600S - 4" Plunger		
GEAR	GPM	PSI	GEAR	GPM	PSI	GEAR	GPM	PSI
1 <sup>ST</sup>	10	20,000	1 <sup>ST</sup>	23	10,000	1 <sup>ST</sup>	40	6,000
2 <sup>ND</sup>	45	20,000	2 <sup>ND</sup>	90	10,000	2 <sup>ND</sup>	150	6,000
3 <sup>RD</sup>	53	17,000	3 <sup>RD</sup>	105	8,500	3 <sup>RD</sup>	180	5,000
4 <sup>TH</sup>	60	15,000	4 <sup>TH</sup>	125	7,200	4 <sup>TH</sup>	225	4,000
5 <sup>TH</sup>	75	12,000	5 <sup>TH</sup>	150	6,000	5 <sup>TH</sup>	300	3,000
6 <sup>TH</sup>	90	10,000	6 <sup>TH</sup>	206	4,300	6 <sup>TH</sup>	366	2,400

# 600 SERIES

## STANDARD EQUIPMENT

**Discharge Dampener.** Instrumentation. Convenient, large engine-mounted instrument panel includes key ignition, vernier or automatic throttle control, low oil pressure and high water temperature shut down for maximum engine protection.

**300 Gallon Fuel Tank.** 300-gallon fuel tank combined with the low fuel consumption of the engine provides more hours of run time.

**Power.** The Multi-Blaster 600 Series is equipped with a powerful water-cooled diesel engine (600 HP). Parts and service are available worldwide with engine emissions that meet or exceed most worldwide regulations.

**Drive System.** The Multi-Blaster 600 Series uses a heavy-duty pump-mounted gear box for longer life.

**Transmission.** The Multi-Blaster 600 Series is equipped with a six-speed heavy duty transmission. This provides six distinct pump speeds without changing plungers. Power is trans-

mitted to the pump through a short-coupled drive shaft, which provides low vibration operation, and reduces maintenance.

**Lubrication Systems.** Incorporate power end/gear and transmission, 10 micron oil filters, oil circulation pumps, oil coolers, and safety system shut-down.

**Discharge Plumbing.** All high pressure connections are rated for at least 2.5 times the working pressure. Fluid end is equipped with stainless steel relief valves and rupture discs.

**Suction Plumbing.** Dual stainless steel filters delivers clean water to the pump.

**Trailer Mounting.** We can mount the skidded unit to an appropriate gooseneck, tandem or steerable trailer as necessary to suit customer requirements.

**Hose Rack.** Hose rack is made of tubular steel with 150' capacity.

**Hoses & Fittings.** Hoses are available in standard 50' (15.2m) sections with a minimum burst of 2.5 times the working pressure. Stainless steel quick connect couplers are available for 10, 15 or 20 KPSI working pressure. Other lengths available upon request.

## OPTIONS

**PRS Nitrogen Pressure Regulator.** Allows presetting of pressure levels and minimizes pressure surges to both guns and pump and compensates for pressure surges due to gun usage. Maintains 98% pressure levels for up to 12 gun operators.

**Electric/Air Dump Valve.** Special "dump at the pump" valve system allows the system to be depressurized from remote locations by diverting water through the dump valve.

## Quality Parts, Reasonable Costs

Gardner Denver Water Jetting Systems, Inc. parts are designed and manufactured to fit perfectly and to last. Because every part we design is manufactured by Gardner Denver, each part is inspected to meet our demanding quality standards before it goes into a product or inventory. And with thousands of units in service, parts are manufactured in high volumes to keep your costs low.

	UNIT		PRESSURE		FLOW		PUMP			
	Model	PSI	Bar	GPM	LPM	Model				
Model 600VSD Diesel	600-06VS	2,400-6,000	165-414	40-366	151-1385	<b>TG-600S</b>				
	600-10VS	4,300-10,000	296-689	23-206	87-780	<b>TG-600S</b>				
	600-20VS	10,000-20,000	689-1379	10-90	38-341	<b>TG-600HB</b>				
Weights/Dims.	UNIT		HEIGHT		WIDTH		LENGTH		WEIGHT	
	Model	In.	mm	In.	mm	In.	mm	Lbs.	Kg	
	Diesel Trans. Skid	82	2083	96	2438	216	5486	13,500	6124	

### NOTES:

Flow rates based on 100% volumetric efficiency; rates may vary according to pump speed.

©2009 Gardner Denver Water Jetting Systems, Inc. Reproduction in whole or part is prohibited. Actual unit may differ from those pictured in brochure.

GARDNER DENVER WATER JETTING SYSTEMS, INC.  
12300 North Houston Rosslyn Road  
Houston, TX 77086

Your local distributor/representative is:



GARDNER DENVER WATER JETTING SYSTEMS, INC.

Partek • Liqua-Blaster • CRS Power Flow • Jetting Systems • American Water Blaster

1-800-231-3628 • 281-448-5800 • Fax: 281-448-7500

GARDNER DENVER www.waterjetting.com • E-mail: mktg.wjs@gardnerdenver.com