

Replace acetylene, propane and other fuel gases with G-TEC

TB-60 / TB-125 Torch Boosters

**Boost standard utility natural gas service as high as 25 psi
for brazing, soldering and casting - even platinum!**

**Get Superior Performance
With High-Pressure Natural Gas!**



*High-pressure natural gas easily melts platinum
and improves the quality of platinum casting*



*Torch Boosters can be installed next to jewelers'
benches - they are quiet and do not require any
special site preparation*

Dimensions & Weight

Width - 20", Height - 16", Depth - 18"
Weight - TB-60 75 LB / TB-125 85 LB

Electric Power

TB-60 / TB-125 Systems operate on either 115V
60Hz or 230V single phase 50 Hz power

Gas Supply Line

Use 1/2" (TB-60) or 1" (TB-125) steel pipe to supply
<1 LB natural gas to these Torch Boosters. Flexible
5' hose and shutoff valve are included

Environmental Requirements

Ambient temperature should be between 40-85F



TB-60 / TB-125 Torch Boosters replace acetylene, propane and other fuel gas cylinders to provide a steady supply of 25 psi natural gas directly from your standard utility gas line. Jewelers can split gas output to provide 25 psi natural gas to a casting torch and regulate pressure to 5 psi for bench jewelers.

TB-60 Torch Booster supplies high-pressure natural gas at 60 cf/hr and is the right choice for jewelry manufacturers with 8-12 bench jewelers and regular casting requirements. TB-125 Torch Booster supplies 125 cf/hr and is the right choice for 15 - 20 bench jewelers and frequent casting.

Jewelers experiencing poor torch performance with utility gas, such as changing tip flame size, will notice a more steady, reliable gas supply. If jewelers are unable to use flashback arrestors on their torch due to low utility gas pressure a Torch Booster will elevate pressure enough to make flashback arrestors effective and give the jeweler superior performance.

Torch Boosters are permitted in locations that normally prohibit acetylene and propane gases in cylinders and conform to the guidelines of the Los Angeles Jewelry District Task Force.



UL Listed flashback arrestor must be installed between torches and torch booster - see FDNY Certificate of Approval # 5120 for approved flashback arrestors. Use of torch booster must comply with NFPA 51 and all applicable NYC Building Code, Fire Code, Electrical Code and regulations, rules, etc. Torch boosters are for indoor use only at a location acceptable to the Department of Buildings and Fire Department. Torch booster shall not be used until the required Fire Department permit has been issued. Operation of equipment must be under supervision of a person holding Certificate of Fitness and Fire Department Permit must be obtained. Only Department of Buildings approved and CSA International Testing Laboratories recommended piping shall be installed from the utility gas line to the torch booster. Up to two torches may be connected to TB-15; up to 4 torches may be connected to TB-30. Hose and hose connections between torch booster to the jewelry torch shall comply with CGA E-1. Standard Connections for Regulator Outlets, Torches and Filled Hose for Welding and Cutting Equipment. The length of the hose/piping shall be as short as practical but in no case exceeds eight (8) feet. Only New York City Fire Department approved torch(es) can be used with the torch booster. Torch booster shall be installed indoors in a well-ventilated area above ground level. The Fire Department Certificate of Approval does not constitute an endorsement or recommendation. The use of this product shall be limited to the indicated intent and has not been accepted for other uses or applications. Manufacturer's installation, maintenance procedures and safety limitations shall be complied with.

