When you have a demanding duty cycle or extreme operating conditions

TB-125C Torch Booster

provides a reliable source of high pressure natural gas - up to 25 psi

TB-125C Torch Booster includes a Booster Module (right) and a Cooler Module (left).

Hi-Performance Hi-Pressure Natural Gas

*For equal heat performance high pressure natural gas is **50% to 80% less expensive** than acetylene, propane and similar industrial fuel gases. Often only a tip change is needed to use natural gas.*

*High pressure **natural gas produces excellent results**. Steel cut with natural gas has less slag, copper pipes brazed with natural gas have fewer surface defects and oxidation problems, when heating with natural gas there are no limitations on gas pressure and cylinder valve icing is never a problem.*

*G-TEC users don't waste time storing and changing empty fuel gas cylinders and they **never run out of gas** because they are directly connected to the utility's unlimited supply.*

***Your workplace is safer** when gas cylinders or bulk tanks are removed from your property. G-TEC Torch Boosters replace cylinders and bulk tanks - they supply gas to torches as it is used.*

Dimensions & Weight
Both Cabinets - Width - 20", Height - 16", Depth - 18"
Weight - Booster 125 LB, Cooler 105 LB

Electric Power
TB-125H Systems operate on either 115V 60Hz or 230V single phase 50 Hz power; 20 amps

Gas Supply Line
Use 1" steel pipe to supply 1/4 - 5 psi natural gas to the Torch Boosters. Flexible 5' hose and 3/4" shutoff valve are included.

Environmental Requirements
Ambient temperature should be between 40 - 90F.

When your application runs more than 2 shifts per day, when ambient temperature in the work area is consistently above 90F or when operations cannot tolerate downtime then a G-TEC TB-125C Torch Booster is the right solution. A Booster Module supplies a steady flow of high pressure natural gas while a Cooler Module removes excess heat for extended run times and system longevity.

G-TEC Torch Boosters are installed indoors right in the area where high pressure natural gas will be used. They are compact, quiet, inexpensive and easy to install. A Torch Booster connects to a nearby low pressure natural gas pipe and boosts pressure at the point of application, eliminating the need for expensive welded indoor high pressure piping.

TB-125C Torch Boosters are easy to operate - just turn the system on and it provides gas as your application requires it, automatically adjusting to changing gas volume requirements without operator attention, and when gas is not being used the Torch Booster puts itself into recirculation mode. A Torch Booster raises pressure as natural gas is used so there are no storage cylinders to fill and the system is a ready for service as soon as it is turned on.

Torch Boosters make your workplace safer by eliminating stored fuel gas cylinders and the need to move full cylinders to replace empties. Key safety features automatically turn the Torch Booster off in the event of a gas leak or if system pressure builds to more than 100 psi.

TB-125C Torch Booster supplies up to 25 psi natural gas at up to 150 cf/hr from a standard low pressure utility gas pipe; 5 psi gas supply boosts flow rate by approximately 50%. Install an external regulator to set pressure below 25 psi. Outlet pressure up to 55 psi is available on request.

Typical applications include metal fabricators where flame cutting or brazing operations run on a 24 hour schedule, research and development projects where testing cycles require thousands of hours of continuous operation, plants in southern locations where it is hot during the summer months and applications where downtime can cost hundreds of dollars per minute.

G-TEC Torch Boosters are designed and manuractured for reliability, safety and performance to International Standards and are welcomed in all buildings in North America, including places where cylinders of acetylene, propane and other fuels are prohibited.

G-TEC NATURAL GAS SYSTEMS

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