

### The **right system** for **high**

### **volume** fuel gas applications!

*The TB-500 Gas Booster raises utility natural gas pressure as high as 45 psi at 500 CF/HR for big cutting, heating and brazing applications.*

#### **Applications**

The TB-500 System supplies all the hi-pressure natural gas you need for a large shop's fuel applications. Common uses are:

- Metal Fab Shops
- Oxy-Fuel Cutting Tables
- Brazing
- Mechanical Contractors
- Ham Glazing
- Shrink Wrapping

#### **Dimensions & Weight**

Width – 24"  
Height – 20"  
Depth – 24"  
Weight – 285 lbs

#### **Electric Power**

TB-500 operates on a single phase 208V - 220V 30 amp separately fused circuit.

#### **Gas Supply Line**

Install a 1 1/2" Schedule 40 pipe from existing gas service to the TB-500. Gas pressure must be 1/4 - 1 psi. G-TEC provides a 3/4" ball valve at the rear of the unit.

#### **Environmental Requirements**

General ambient temperature must be above 40° F and there should be a 12" space around the unit for ventilation.

#### **Maintenance**

TB-500 requires about 45 minutes of downtime per year for preventive maintenance.



TB-500 makes your operation more productive by eliminating fuel cylinders and supplying high pressure natural gas directly to your torches. You never waste productive time changing cylinders, money is not tied up in cylinder inventory, and dangerous gas storage is eliminated.

Simple controls include a power ON switch and compressor START switch. Once started, set the built-in regulator from 10 to 45 psi for the pressure your application requires and you will have all the gas you need for as long as you need it. Turn the unit ON at the start of the day and OFF when the workday is over and get the gas you need on-demand.

TB-500 can supply a single torch, a flame cutting table, or connect to a shop-wide distribution system to feed multiple torches.

TB-500 is certified by CSA International and has passed tests for construction, performance and safety. It can be installed in any facility and will be readily approved by Fire Marshals or other inspectors.

