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Axis Thermal
ENGINEERING COMPANY

VSB COMPRESSED AIRBABY OIL TORCH BURNER

COMBUSTION SYSTEM

CONSTRUCTION

The VSB Compressed Air Baby Oil Torch is an easy to carry lightweight unit. The burner is fitted with a one-gallon oil tank and filling cap. Oil can be refilled while the burner is in operation. An air inlet union is also provided to connect to a compressed air line. A combination air-oil valve with two hand wheels allows separate regulation of air and oil. An insulated grip handle enables the operator to direct the flame in any direction without discomfort.



USAGE

The VSB Compressed Air Baby Oil Torch is a versatile and handy unit for large and small engineering workshops and foundries requiring regular or occasional heating at site either for repairs or for production work. Some of the many applications are listed below:

- Brazing
- Soldering
- Reheating for welding
- Pipe heating for bending
- Melting lead and Babbitt
- Straightening steel members
- Heating rivets
- Loosening tight couplings
- Making shrink fits
- Melting bituminous compounds tempering
- Lighting cupolas
- Lighting up burners
- Skin, drying of moulds
- Ladle heating

DESIGN FEATURES

- Economical, portable lightweight hand model
- Far superior to hand pump torch burner
- Produces intense or soft flame 12" to 40" long
- Maximum temperature approximately 1150°C
- Operates on light diesel or kerosene oil
- Oil tank capacity 1 gallon (4.55 liters)
- Oil consumption ½ to 1 – ½ gallons per hour
- Operates on venture suction principle
- Uses compressed air at 50-100 lbs. pressure
- No air pressure applied to oil tank

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