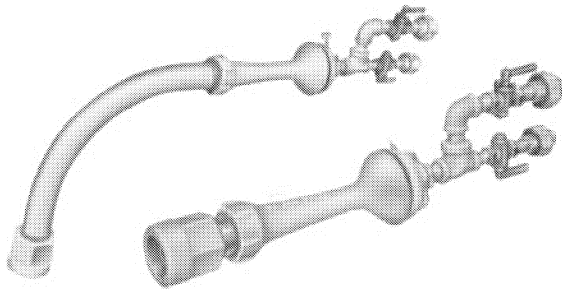


INDUSTRIAL TORCHES BOOSTER (BOA/BOS)



The Hauck Booster torch is an all purpose torch designed to make a high powered flame out of low pressure gas. It boosts the capacity of the inspired air by injecting a stream of compressed air into the gas stream raising the gas burning capacity of the torch.



OPERATION

Easy to operate. Lights instantly and smoothly. Operates with compressed air from 30 to 100 psig. The Hauck Retain-a-Flame nozzle provides flame stability at all firing rates. Turndown is wide.

The Hauck Booster has been used extensively in drying and preheating foundry ladle furnace linings.

SPECIFICATIONS

TORCH MODEL NO.	OUTFIT MODEL NO.	CAPACITY (Btu/hr)*	COMP. AIR (cfm)**	LENGTH (in)	NET WT. (lb)	LADLE SIZE (lb)
BOA33	BOA133	145,000	4.5	26	10	250
BOA44	BOA144	310,000	9.0	29 1/8	13	500
BOA55	BOA155	491,000	15.0	32 1/2	17	1,000
BOA66	BOA166	853,000	25.0	39 1/4	30	3,000
BOA77	BOA177	1,340,000	37.0	49 5/8	55	10,000
BOA88	BOA188	2,380,000	63.0	60 1/4	82	20,000
BOS11	BOS111	52,000	1.6	18 3/4	6	-
BOS22	BOS122	83,000	2.8	18 3/4	6	-
BOS33	BOS133	145,000	4.5	21	8	-
BOS44	BOS144	310,000	9.0	22 3/4	8	-
BOS55	BOS155	491,000	15.0	25 1/2	14	-
BOS66	BOS166	853,000	25.0	27	19	-

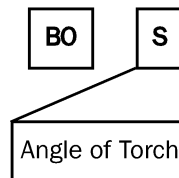
FEATURES

- High Capacity
- Low Pressure Gas
- Driving Flame
- Wide Flame Adjustment
- Wide Turndown

CONSTRUCTION

The Retain-a-Flame nozzle is made of alloyed heat resistant iron. The long-sweep elbow is of steel. The Hauck air-gas inspirator is cast iron with a removable gas spud. There is no need to change the gas orifice with a change in the type of gas being burned.

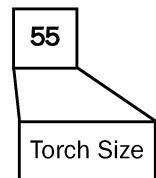
ORDERING INFORMATION



A - 90° Angle
S - Straight



1 - Outfit
Blank - Torch Only



11, 22, 33, 44,
55, 66, 77, 88

Outfit includes torch, 12' gas hose with fittings and union, pressure gauge and valve.

* Based on natural gas HHV 1,034 Btu/ft³, 0.60 s.g., and 60°F. For other gases, specify type of gas, heating value, and compressed air supply pressure.

** Based on compressed air pressure of 70 psig.

TORC-1B