

Oil & Gas Flare Boom



Description

PTS High Efficient (HE) Burner is a nozzle type, shroud covered burner. The mixing nozzle enables the hydrocarbon fluid to be injected directly into the compression air path creating an effective atomizing of the hydrocarbon. The nozzle provides an additional third jet that intersects the same air jet in which water, steam, or additional air into the stream. The atomized water helps to slow the burn, thus extending the flame front to allow more fuel/air interaction, thus providing a more complete cleaner burn. The burner works well with a wide range of API oil gravities. The burner is piloted by a single gas pilot for each burner which uses either propane or natural gas. Can be mounted with a King Post or Stubby Base Plate on any rig system.

Applications

- Well Testing Offshore
- Well testing Onshore
- Clean-up Operations



Operating Specification

IGNITION SYSTEM	Constant Gas Pilot / Electronic Igniter (with Backup)
OIL CAPACITY	5,000/9,000/10,000/15,000/18,000/27,000 Bbld.
MAX. WORKING PRESSURE	1440 psi
H. P. GAS	8 in. + 4 in.
L. P. GAS	6 in.
RELIEF LINE	4 in.
VENT LINE	3 in.
OIL LINE	3 in.
AIR LINE	3 in.
WATER LINE	2 in.
WATER CURTAIN LINE	3 in. or 4 in.
DIMENSIONS L x W x H	65 ft., 95 ft., 110 ft. x 5 ft. x 8 ft. (4 ft. 6 in. w/o Handrails)