

Eshteval Arak Industrial Engineering Company is the only manufacturer of high-capacity rotary cup burners in the country, and these burners are used by all boiler companies in the country. Among the unique products produced by this company are power valves that are designed for saturated and superheated steam lines. This product was produced for the first time in the country in 2014 in the Mobarake steel complex and at a pressure of 70 bar. It has been used successfully. Eshteval Arak Industrial Engineering Company has been modernizing its production lines since 2003 and is currently equipped with more than 98 machines, 61 of which are CNC lathes and milling centers (referred to at the end), stepped into the field of producing products with modern sophisticated technology. It should be mentioned that this company has succeeded in obtaining the knowledge-based badge on burners and valves during two consecutive periods, and in order to enhance the brand and satisfy customers, the necessary standards such as ISIRI 7595, ISIRI 7594, ISO 3834, ISO 9001:2015 and implemented 5S



The EPB series covers a firing range from 900kW through to 3000kW, and have been designed for use on hot water or industrial steam boilers.

EPB Series Burner



ESHTEAL ARAK

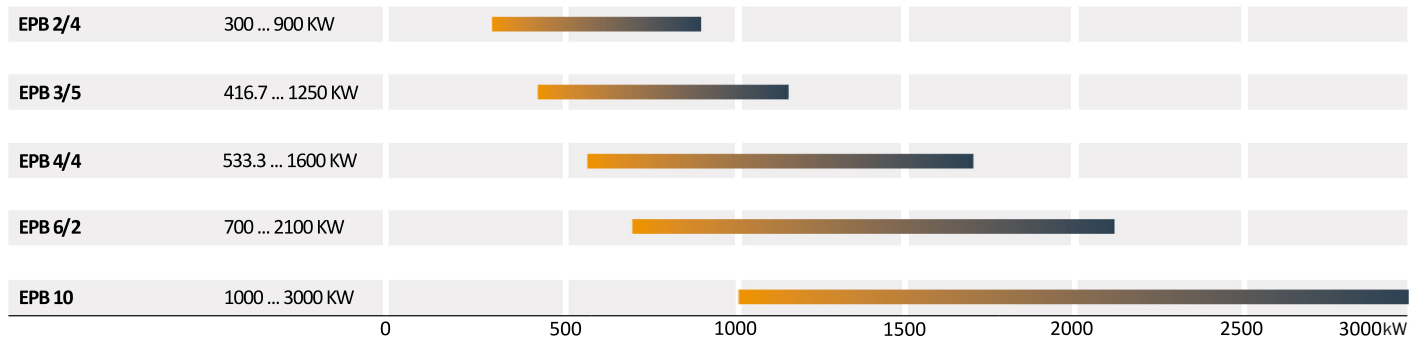
INDUSTRIAL ENGINEERING CO.
Manufacturer of burners, valves
and precision tools for steam boilers

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alley southern Bahar St Taleghani St-Tehran-Iran

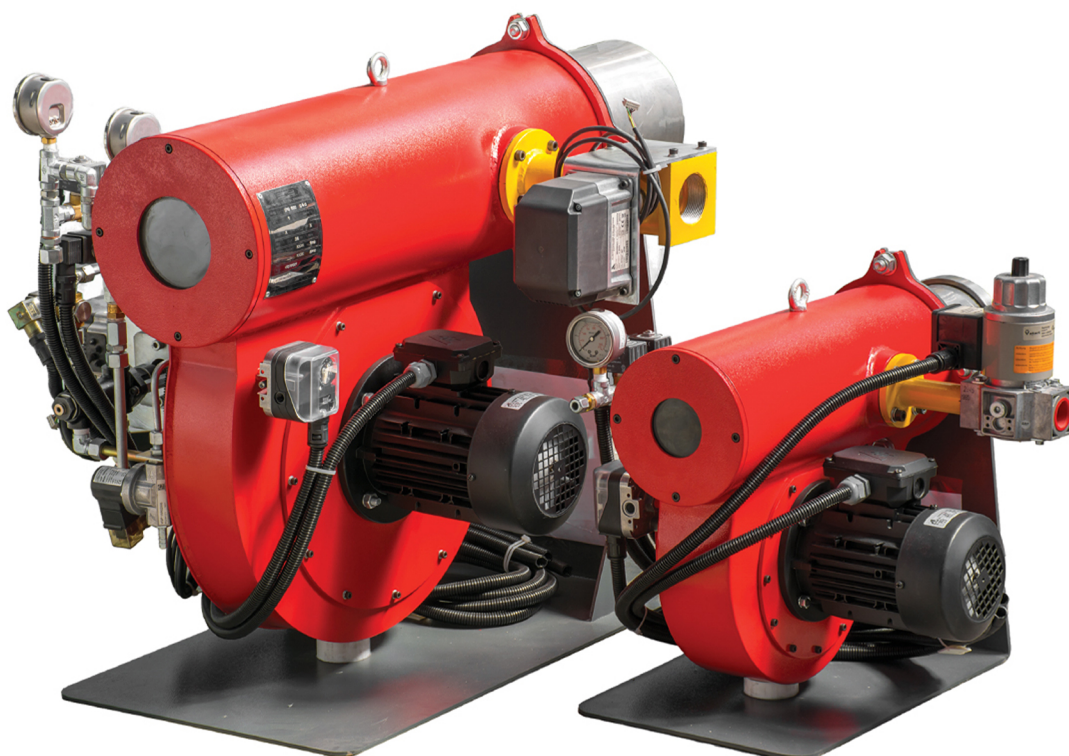
EPB SERIES BURNER

RANGE OVERVIEW

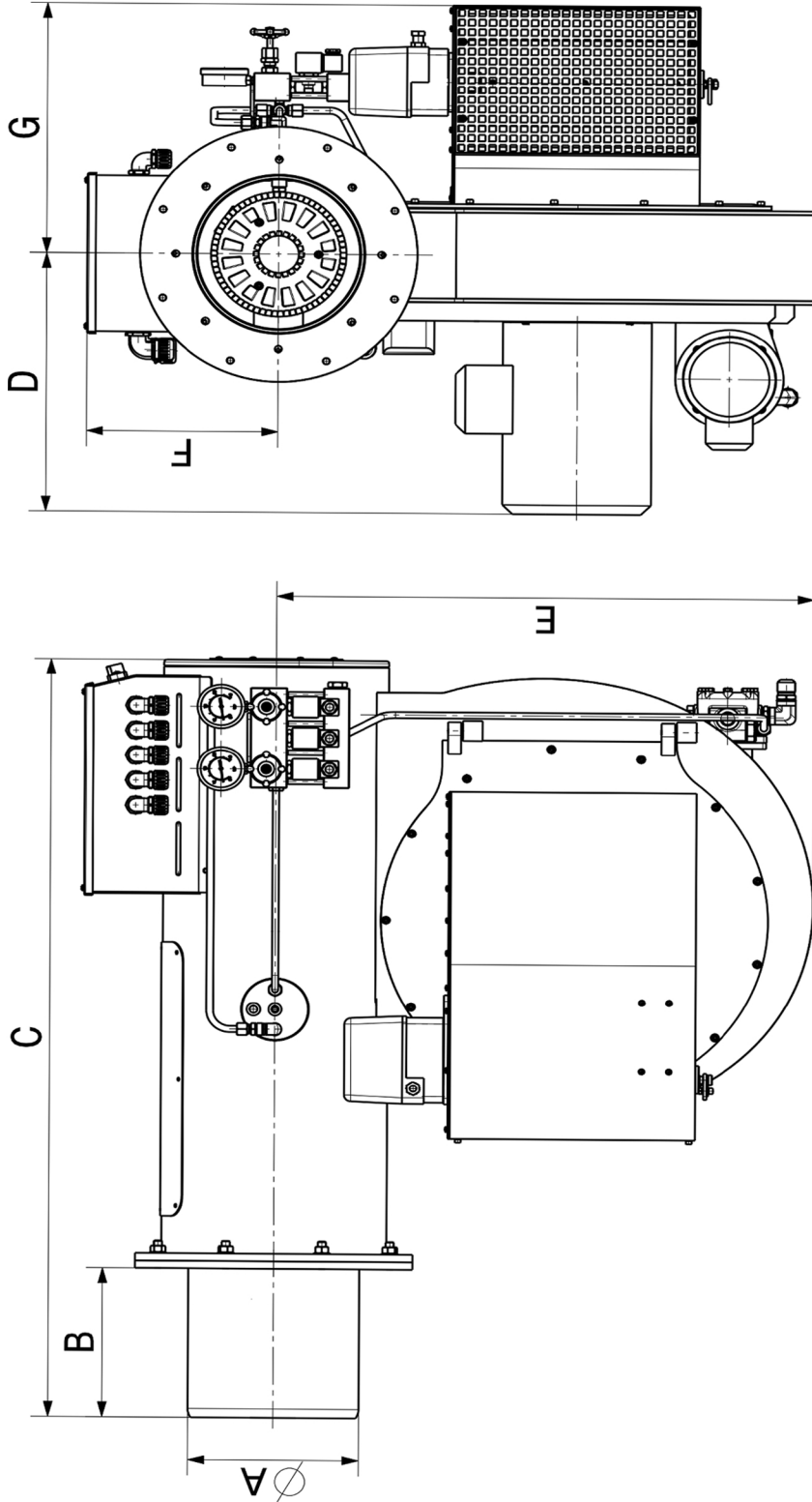


MAIN FEATURES

- The EPB burner series is characterised by a monoblock structure .
- For Two Stage Operation use twin simplex oil nozzles, for fully modulating operation use a single spill-back oil nozzle.
- Suitable for gas (LPG, NG) and oil (Light oil Heavy oil).
- turndown of 4:1 on gas, and 3:1 on oil.
- Designed in accordance with the European Standard EN 676 and EN267 and approved in accordance with the Iranian Standard ISIRI 7594 and ISIRI 7595.
- Emission class: Low NOx class 2 (≤ 120 mg/kWh).
- Stainless steel diffusers and blast tube cones.
- Simple construction allows easy access to internal components for maintenance.
- Large rear flame viewing port, enabling a unique view of the combustion process.
- Version with fully electronic Burner Management System available for Modulating models (LAMTEC combustion management system).



Dimensions (approx .) in mm



BURNER MODEL	A	B	C	D	E	F	G
EPB 2.4	224	215	900	320	510	240	280
EPB 3.5	224	215	900	320	510	240	280
EPB 4.4	224	215	1200	430	800	300	410
EPB 6.2	252	240	1230	430	800	300	410
EPB 10	270	310	1300	430	800	300	410