

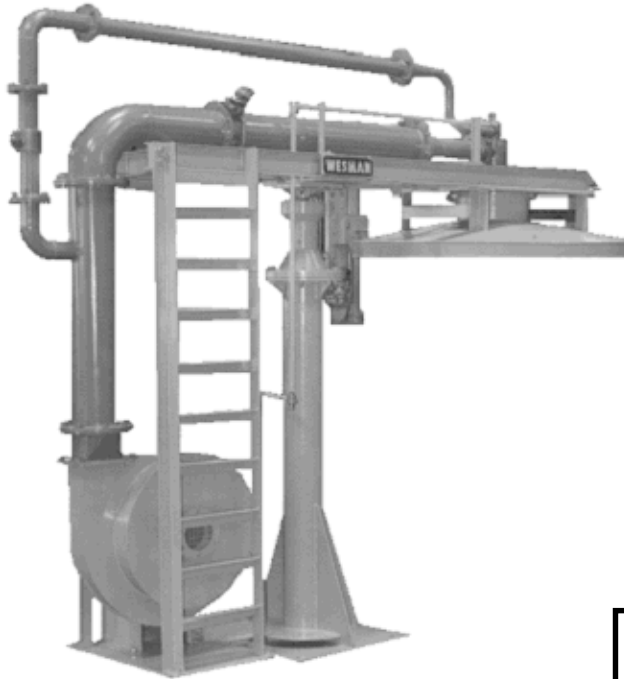
# WESMAN

## FOUNDRIY EQUIPMENT DIVISION

# LADLE PREHEATER

FOUNDRIY EQUIPMENT

**WESMAN LADLE PREHEATERS** find application in heating refractory linings of various sizes of lip-pouring and bottom-pouring ladles. The preheater consists of a horizontal steel frame pivoted at its center and mounted on a turret assembly fitted with radial and thrust bearings mounted on a robust fabricated stand.



The ladle preheater is fitted with a Wesman North American oil burner with Sensitrol oil valve (LPG or natural gas firing is also available as an option) to obtain a maximum drying temperature of 1000 °C. Combustion air is provided by a Wesman centrifugal blower. Preheated oil at constant temperature and pressure is supplied to the burner by a Wesman oil heating and pumping unit.

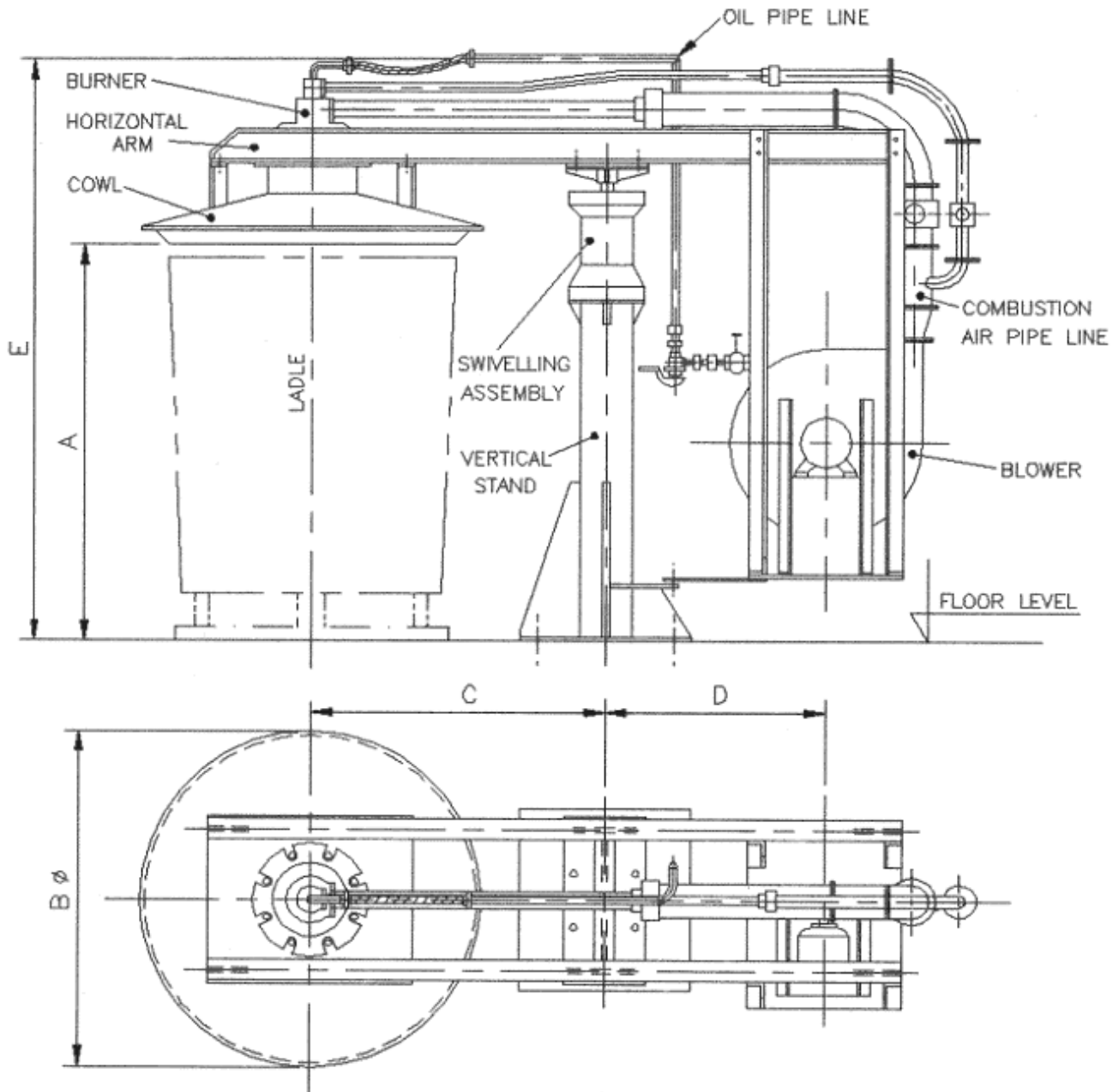
**OPTIONAL ACCESSORIES:** ■ OIL SERVICE TANK  
■ OUTFLOW HEATER ■ MOTOR STARTER ■  
SEMI-ROTARY PUMP FOR OIL TANK

SEE REVERSE FOR INSTALLATION DIMENSIONS

A cowl lined with high-grade refractory ramming mass is fitted at one end of the horizontal frame, and is balanced by a combustion air blower which is mounted at the opposite end of the frame. The burner is fitted facing vertically downward at the centre of the cowl. The horizontal frame can be swiveled manually on the vertical axis and locked in position as desired.

## STAR FEATURES

- ▶ Rugged construction
- ▶ Available in a wide range of sizes
- ▶ Easy to operate and maintain
- ▶ Fitted with Wesman's highly acclaimed combustion equipment
- ▶ Excellent fuel economy
- ▶ Countrywide after-sales service
- ▶ Wesman quality built into every machine



LADLE PRE-HEATER MODEL	CAPACITY OF LADLE		DIMENSIONS (mm)				
	LIP POURING	BOTTOM POURING	A	B $\phi$	C	D	E
1-NA	0.5 TO 1 TON	0.5 TO 1 TON	987	720	900	742	1498
2-NA	1.5 TO 3 TONS	1.5 TO 3 TONS	1400	1080	1070	700	2468
3-NA	4 TO 8 TONS	4 TO 6 TONS	1750	1360	1300	900	2540
4-NA	10 TO 16 TONS	7 TO 14 TONS	2110	1720	1500	900	2755
5-NA	20 TO 30 TONS	15 TO 30 TONS	2475	2000	2025	1350	3557

ALL DIMENSIONS GIVEN ARE APPROXIMATE & NON-BINDING



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