

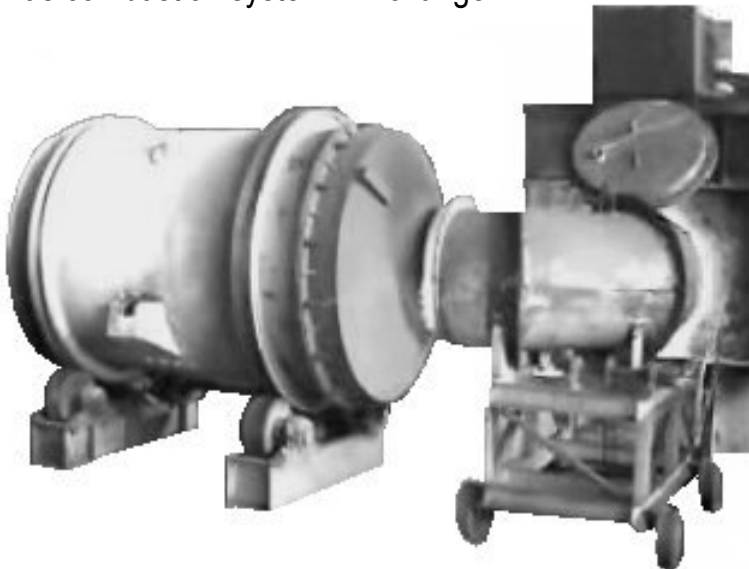
WESMAN

FOUNDRY EQUIPMENT DIVISION

ROTARY MELTING FURNACE

FOUNDRY EQUIPMENT

WESMAN ROTARY MELTING FURNACES are highly efficient melting units. The furnace is designed primarily to melt iron but can also melt aluminium, copper, copper alloys, etc. When melting non-ferrous metals, the batch capacity as well as combustion system will change.



The furnace consists of a cylindrical shell fitted with two steel tyres supported on rollers mounted on a fabricated steel frame. The shell has two spouts and two lifting trunions and is rotated by friction between the tyre and rollers, which are driven by a motor via a worm reduction gear. Manual drive provision is also a standard feature.

A Wesman low air pressure burner capable of operation with preheated air is fitted. The burner can fire HSD, LDO, furnace oil or LSHS. Gas firing options are also offered.

A cylindrical radiation-type recuperator utilizing the waste products of combustion is provided to heat the combustion air. The recuperator is mounted either on a fabricated supporting structure or on a brick-lined chamber. It receives the products of combustion from the furnace through a waste gas bend trolley. The furnace is charged by removing the trolley.

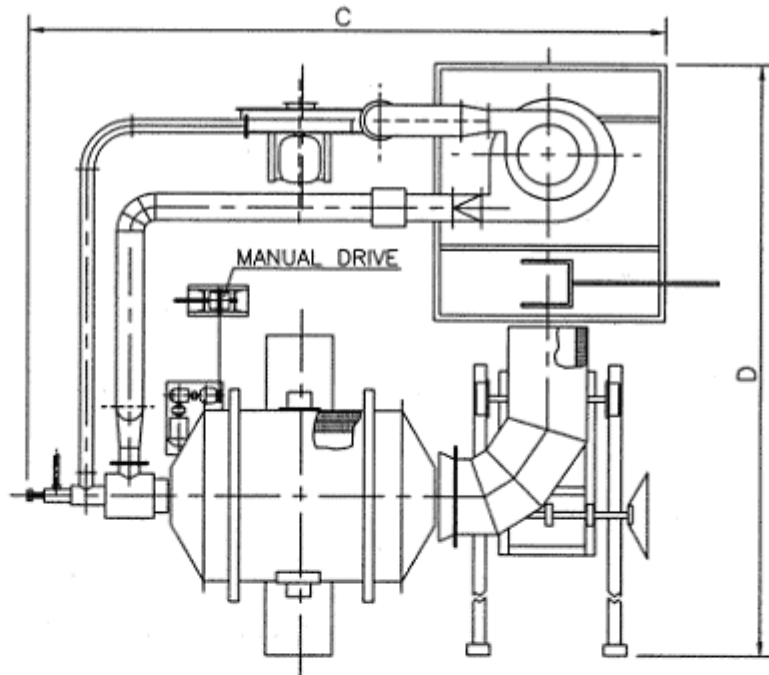
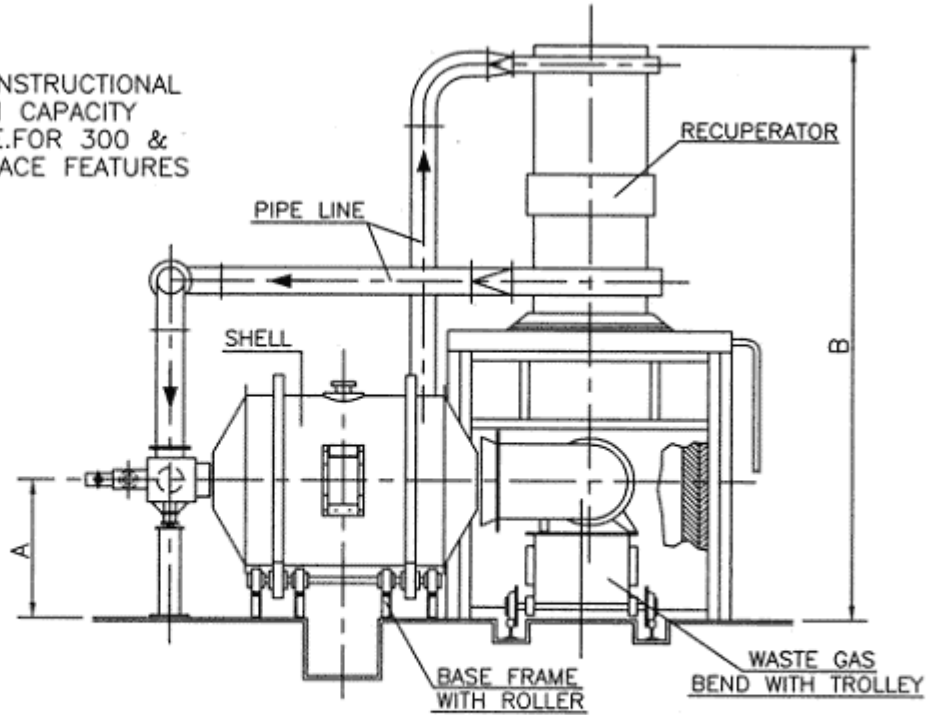
OPTIONAL ACCESSORIES: ■ OIL SERVICE TANK
■ OUTFLOW HEATER ■ SEMI-ROTARY HAND
PUMP ■ MOTOR STARTER ■ FUME EXTRACTION
UNIT ■ LINING MATERIAL ■ RAMMING FIXTURES

SEE REVERSE FOR INSTALLATION DIMENSIONS

STAR FEATURES

- ▶ Rugged construction
- ▶ Proven design with energy efficient features
- ▶ Suitable for ferrous and non-ferrous melting
- ▶ Easy to operate and maintain
- ▶ Fitted with Wesman's highly acclaimed combustion equipment
- ▶ Excellent fuel economy
- ▶ Countrywide after-sales service

THIS DRAWING SHOWS CONSTRUCTIONAL FEATURES OF 1 & 2 TON CAPACITY ROTARY MELTING FURNACE.FOR 300 & 500 KGS. CAPACITY FURNACE FEATURES WILL CHANGE.



MODEL	CHARGE (KG.) FOR IRON	DIMENSIONS (m.m.)			
		A	B	C	D
RMF-300	300	1235	3700	4500	5300
RMF-500	500	1235	3700	4800	5300
RMF-1000	1000	1390	6575	5820	7300
RMF-2000	2000	1390	6575	6700	7300

ALL DIMENSIONS GIVEN ARE APPROXIMATE & NON-BINDING



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