

WUXI DONGXONG HEAVY FURNACE CO., LTD.

Main Technical Parameters of Ladle Furnace (LF)

No.	Rated Capacity (t)	Rated Capacity of Transformer (MVA)	Primary Voltage (KV)	Secondary Voltage (V)	Secondary Rated Current (A)	Electrode Diameter (mm)	Heating Rate of Molten Steel (°C/min)
1	20	4	6	210-170	16495	Φ350 (NP)	≥3.5
2	30	6	6.3	210-170	17320	Φ350 (NP)	≥3.7~4.2
3	40	8	6.3	210-170	17320	Φ350 (NP)	≥3.8
4	50	10	35	250-160	28867	Φ400 (HP)	≥4~4.5
5	60	11	35	250-160	31754	Φ400 (UHP)	≥4~4.5
6	70	13	35	270-180	32632	Φ400 (UHP)	≥4.5~5
7	80	15	35	320-240	32075	Φ400 (UHP)	≥4.5
8	90	16	35	320-240	32991	Φ400 (UHP)	≥5
9	100	18	35	330-210	37115	Φ450 (HP)	≥5
10	110	18	35	330-210	37115	Φ450 (HP)	≥4.5
11	120	20	35	340-220	39817	Φ450 (UHP)	≥4.5
12	130	22	35	360-240	40973	Φ450 (UHP)	≥4.5
13	140	24	35	400-280	40754	Φ450 (UHP)	≥4.5
14	150	26	35	410-290	41697	Φ450 (UHP)	≥4.5
15	160	28	35	430-310	42541	Φ450 (UHP)	≥5
16	170	30	35	450-330	44411	Φ450 (UHP)	≥5
17	180	32	35	470-350	46188	Φ500 (HP)	≥5
18	190	34	35	490-370	47878	Φ500 (UHP)	≥5
19	200	36	35	500-380	48336	Φ500 (UHP)	≥5
20	210	38	35	520-400	49862	Φ500 (UHP)	≥5
21	220	40	35	540-400	48619	Φ500 (UHP)	≥5
22	230	40	35	540-400	48619	Φ500 (UHP)	≥5
23	240	42	35	530-390	52714	Φ500 (UHP)	≥5
24	250	44	35	535-400	55224	Φ500 (UHP)	≥5
25	260	46	35	550-410	55329	Φ550 (UHP)	≥5
26	270	48	35	560-420	56556	Φ550 (UHP)	≥5
27	280	50	35	570-430	57735	Φ550 (UHP)	≥5
28	290	52	35	590-430	60044	Φ600 (UHP)	≥5
29	300	54	35	610-450	62353	Φ600 (UHP)	≥5

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