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Lead
207.2



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Technologies

KETTLE FOR REFINERY



KETTLE FOR REFINERY

SCOPE:	Lead refining operations Smelting of raw lead from rotary furnace Refining operation at different temperatures: Removal of Copper, Antimony, Tin, Arsenic. Possible removal of Bismuth and Silver. Final cleaning with Harris pot device
TYPE:	Installation on platform or on semi-grounded position Pot with elliptical bottom (up to 170 t) Pot with hemispherical bottom (above 170 t) External oven with exhaust gases outlet, relief door and insulating refractory lining Complete hood with process fumes outlet and valve and with the seat for pumps and agitators fitting Modulating burner available for different kinds of fuel; with possibility to act also as cooling system; Double temperature control of the pot: inner metal side and outer flame side; in order to avoid over-heating conditions
MATERIALS:	Pot: Carbon-free Steel Type DIZINC® Oven and Hood: Carbon Steel

Capacity (ton Pb)	Pot Ø x height (mm)	Pot thickness (mm)	Burner Power (kW)
8	1160 x 1090	20	1 x 240
12	1380 x 1120	20	1 x 270
20	1600 x 1300	25	1 x 380
30	1850 x 1570	25	1 x 440
50	2150 x 1735	30	1 x 470
70	2400 x 1910	30	1 x 750
100	2700 x 2120	35	1 x 950
140	2950 x 2400	35	1 x 1100
170	3100 x 2480	40	1 x 1300
200	3900 x 2480	40	2 x 750
220	4050 x 2530	42	2 x 860
250	4300 x 2660	42	2 x 950



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