

82 Lead 207.2

Pb



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Technologies

AGITATOR FOR MOLTEN LEAD



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- SCOPE:** Molten lead mixing and blending inside a refinery kettle; to aid metallurgical reactions and refining operations
- TYPE:** Vertical structure with motor coupling by V-belts and pulleys; to be handled by lifting crane and positioned properly in the kettle hood seat
 Rotation speed control by Variable Frequency Drive
 Three or four blades propellers with different geometry and profiles
 Available range with different propellers:
- Marine propeller type (free propeller)
 - Ring type (propeller inside a steel ring)
 - Vortex type (free propeller inside a Venturi Throat)
- Operating temperature: 330°C ÷ 700°C
- MATERIALS:** Shaft, propeller: Heat-treated Carbon Steel
 Structure: Carbon steel

Kettle Capacity (ton Pb)	Motor Installed Power (kW)
8 - 20	11
>20 - 30	22
>30 - 50	30
>50 - 100	37
>100 - 140	45
>140 - 200	55
>200 - 250	75



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