

BOF Gunning Manipulator SHOOTER



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GENERAL DESCRIPTION:

Self-propelled, diesel-powered, remote-controlled equipment, specially designed for gunning lance manipulation in BOF Converters.

STANDART FEATURES:

- Telescopic Gunning Lance with 13,5 range, suitable for big BOF;
- Gunning Lance cooling system, composed for water tank, pump and heat exchanger;
- Onboard oil filter that filter hydraulic oil during all operation;
- Wireless remote control;
- Hydraulic Control the Gunning Lance, that allows operate the gunning lance in case of electric fail;

OPTIONAL:

- Spare wireless remote control;

ADVANTAGES:

- Equipment robust, featuring several solutions developed during years of field experience, always focusing on operational safety and fail prevention;
- Alarm system that indicated when the water level is low, that avoid the water supplying fail during applications, preventing damages to the lance;
- Gunning Lance system can be operated from hydraulic control panel, ensuring operational safety in case of any electrical fail, that may occur in the very aggressive steel plant environment;
- Mounted over a Hyster forklift car that is a robust equipment (widely used in mining) and of easy maintenance);

Lance Movements:

- Horizontal: $\pm 20^\circ$
- Vertical: $\pm 20^\circ$
- Rotation: $\pm 200^\circ$ for each side.
- Range: 13,5 m

Equipment Dimensions:

- Length with lance retracted: 8,5 m;
- Width: 1,9 m;
- High: 2,8 m;
- Weight: 7,0 ton

