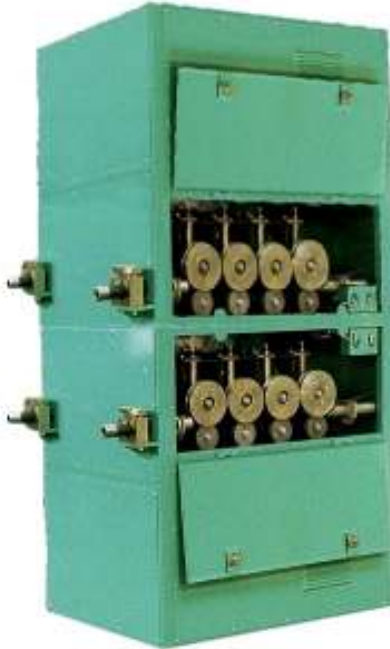




EQUIPMENT Type PD64S

1. Application



The **PD64S machine** serves to introduce cored wire into molten metal in ladle during the non-furnance treatment of steel (deoxidation, modification, desulphurization, adding of alloying elements).

This equipment was designed for the needs of large metallurgical plants.

2. Technical data

Limiting outline of feeding machine		Limiting outline of control machine	
height	2 350 mm	height	2 200 mm
width	1 000 mm	width	1 200 mm
length	1 200 mm	length	600 mm
mass	1 350 kg	mass	400 kg
Power installed	88 kW		
Power supply	3x380 V (3x400V), 50 Hz		
Electric drive	Three-phase, asynchronous motors		
Velocity control	Frequency converters		

3. Operation parameters

Diameter of wires injected:	
cored wire (<i>aluminium</i>)	- from 9 mm to 18 mm (<i>16 mm</i>)
Velocity of wire injection:	- up to 300 m/min (<i>400 m/min</i>)
Velocity control:	- stepless
Setting range of meters:	- 0001 m ÷ 9999 m, every 1 m
Number of feeding strands:	- 4
Number of powered rolls in one strand:	- 4

4. Control

Control is performed with PLC. All parameters like wire length to be introduced into ladle and injection velocity are setting from keyboard of PC, independently for each strand. These parameters are displayed on PC monitor during the operation. After the **START** icon is clicked the appliance will introduce a required length of wire with predefined velocity into the ladle and will stop by itself when done. Then wire will be withdrawn automatically on the end of the feeding cycle.