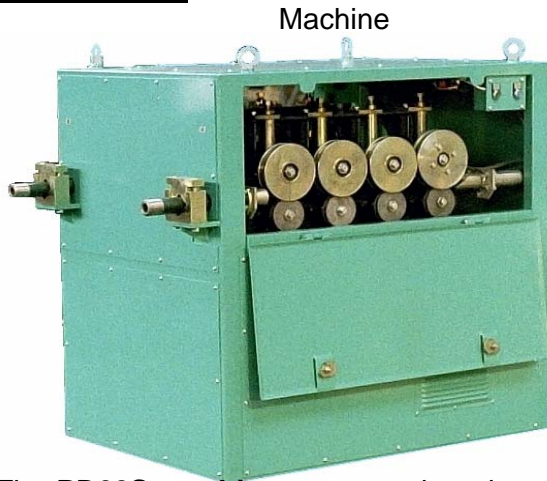
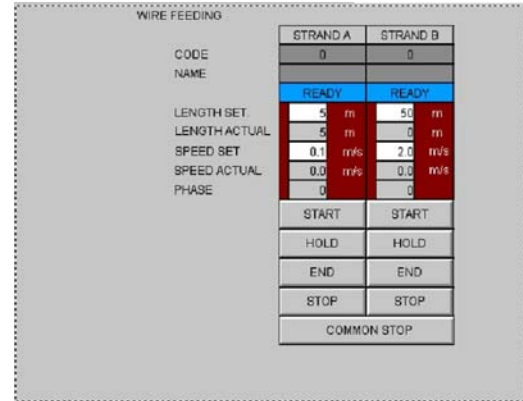


CORED WIRE INJECTION EQUIPMENT Type PD62e

1. Application



Control screen



The **PD62S machine** serves to introduce cored wire into molten metal in ladle during the non-furnace treatment of steel (deoxidation, modification, desulphurization, adding of alloying elements). This equipment is designed for large metallurgical plants.

2. Technical data

Limiting outline of feeding machine	
height	1 300 mm
width	1 000 mm
length	1 200 mm
mass	750 kg

Limiting outline of control machine	
height	2 200 mm
width	1 200 mm
length	600 mm
mass	300 kg

Power installed	44 kW
Power supply	3x380 V (3x400V), 50 Hz
Electric drive	Three-phase, asynchronous motors
Speed control	Frequency converter

3. Operation Parameters

Diameter of wires injected:	
Cored wire (<i>aluminum</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:	- 2
Number of powered rolls in one strand:	- 4

4. Control

Manual control is performed by utilizing the buttons, which are located on the machine. Full automatic control (PLC) is performed from the PC monitor control room, or from the Touch Panel which is located on the front wall of the control unit. After the **START** button is pressed, with predefined velocity, the equipment will feed the required length of wire into the ladle and it will stop when done. **Withdrawal** of the wire from the injection system is automatic at the end of the feeding cycle.

REV-Aug/07