

Blastrite (Pty) Ltd

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Commercial Information**SURFACE PREPARATION INNOVATION****Version Date:** August 2011**Title:** Semi-Automatic Winch System**SEMI-AUTOMATIC WINCH SYSTEM**

The semi-automatic winch system is specially developed to control the travel speed of a number of pipe internal blasting and coating equipment.

This machine is designed with a PLC controlled hoisting system to pull the hose attached to the equipment out of the pipe at an adjustable constant speed. The speed can be adjusted from almost zero to 3 metres per minute or more.

The winch system can be produced for all kind of power supplies:

- 230VAC 1 phase
- 400VAC 3 phase
- 12VDC
- 24VDC

The riding-speed of the pipe tool inside the pipe is operated and controlled by the control box / PLC which is mounted on the rigged frame.

The semi-automatic winch system is composed of high grade components to withstand the extreme environments associated with open blasting and painting: it is certified with a protection class of IP55.

Advantages

- Constant speed control of tool
- Repeatable results
- Saving on abrasives and paint
- Adjustable setup for the best results
- Easy handling and no down-time
- Very rigged construction
- Suitable for all kind of pipe internal diameters
- Semi-automatic, one operator can handle more machines or do other work
- *Control over blasting profile*
- *Control over coating thickness application*

**SURFACE PREPARATION INNOVATION**

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting
Wetblast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Dehumidifiers
Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment
Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment
Plural Component - Measuring Instruments