



INDUSTRIAL SOLUTIONS

Northlands Business Park
North Riding
Johannesburg
South Africa

P.O. Box 928
Honeydew, 2040

Tel.: +27 (011) 704-7088
Fax: +27 (011) 704-7019

e-mail: sales@pjtech.co.za
www: www.pjtech.co.za

TRAMP METAL DETECTOR

SMART-100

RELIABLE - SUPERIOR PERFORMANCE



ELECTRONICS FACEPLATE



TYPICAL INSTALLATION WITH SPRAY TYPE MARKING DEVICE – CRUSHER PROTECTION

BASIC FEATURES:

- **DETECTS MAGNETIC & NON-MAGNETIC METALS**
- **IGNORES CONDUCTIVE & MAGNETIC ORES**
- **NOISE REDUCTION**
- **SWING AWAY ANTENNA**
- **MICROPROCESSOR ELECTRONICS**
- **SELF CIRCUIT TEST**
- **OPTIONAL: TWO TYPES OF MARKING DEVICES, STEEL CLIP DETECTOR, ETC.**

SMART-100 METAL DETECTION SYSTEM is designed to operate in very wide and difficult range of applications. It can detect MAGNETIC & NON-MAGNETIC metals while ignoring VERY CONDUCTIVE & EVEN MAGNETIC MATERIALS. It is even compatible with steel corded belts as well as the belts where steel clips are used for splicing. SEARCH ASSEMBLY is protected from overburden by SWING AWAY ANTENNA.

SPECIFICATIONS

ENCLOSURE IP	DUAL, IP65	OUTPUTS	DIRECT, TIMED & FAULT (POTENTIAL FREE -SPDT, 250Vac @ 3A)
POWER SUPPLY	100/240Vac ($\pm 10\%$), 50/60 Hz	SENSITIVITY DRIFT	LESS THEN 10%
OPERAT. LOAD	35W	DUST & HUMIDITY	NO RESTRICTIONS
MAX. LOAD	990W	OPERAT. TEMP.	-10°C TO +50°C

MORE INFORMATION AT - www.pjtech.co.za