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SIZE	CALAMIT ENERGIA PERMANENTE		
DISEGN. CONSONNI			
VISTO	E.CASTELLOTTI	TED 220X100X30	
APPR.		N. DWG 111108	
EMESSO			
REV.			
N. CONTRATTO			



MAGNETIC PLATE TED-200x100x30

USE AND MAINTENANCE HANDBOOK



N°09/488

The maker

CALAMIT s.r.l.

Via Romagna n.35

YEAR OF CONSTRUCTION 2009

Conforms to the conditions of machine Directive CEE89/392, as modified
By Directives CEE91/368 and 93/44

_the following standardised standards were applied

EN292.1 – EN292.2 – EN294 – EN418 – EN349 – EN60204.1
.....

_the following national , technical specific standards were applied

CNR/UNI 10011 – CNR/UNI 10021.85 – DPR 547/55 – DPR303/56
.....

DIRECTIVE 73/23/CEE (AMENDED)

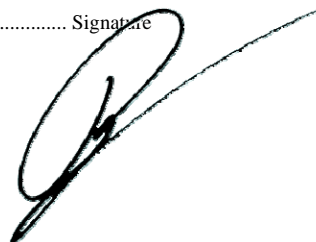
DIRECTIVE 89/336/CEE (AMENDED)

COGELME S.A.S. FORBIDS PUTTING THIS MACHINE INTO SERVICE BEFORE THE SYSTEM IN WICH IT
IS INCORPORATED IS DECLARED TO CONFORM TO THE CONDITIONS OF THE DIRECTIVE.

COLOGNO MONZESE 23/03/2009

NAME....PAOLO CIAMBELLA.....

POSITION.....OWNER..... Signature



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INTRODUCTION

Adequate safety in the workplace is indispensable to prevent damage to oneself and to others. It is therefore necessary to follow the WARNINGS and to read the manual carefully which we provide you with all the essential and precise instructions for ordinary and periodical maintenance operations.

ATTENTION: CONSULT THIS MANUAL AND KEEP IT

OPERATOR WARNINGS

- _ Read the instructions for use carefully

- _ The operator must absolutely be instructed on the use of the machine, know its working limits of use, the safety standards shown and observe them scrupulously

- _ The use and maintenance handbook is a fundamental element in the correct use and contains the magnetic separator.

ASSISTANCE SERVICE

For repairs and overhauls apply directly to CALAMIT which has qualified personnel and suitable equipment. The TECHNICAL ASSISTANCE SERVICE is available to give clarifications, advice and if necessary to intervene with its own personnel.

A - GUARANTEE

- _ 12 MONTHS ON MECHANICAL AND MAGNETIC COMPONENTS

- _ WARRANTY IS VALID STARTING FROM THE DATE OF THE DELIVERY NOTE. The user can take advantage of the warranty only if he follows the instructions given in the manual especially:

- _ operate always the machine within the limits of use. Use qualified personnel with suitable tools for maintenance

B - LIFTING AND TRANSPORTING THE MACHINE

- _ The machine is normally supplied on standardised pallets
- _ Transport in cases foresees specific indications about tare, right way up and attachment systems
- _ The grading machine must be lifted by means of hook tie rods (with suitable capacity) by using

lugs provided

- _ The equipment for handling the various parts of the machine must be used in accordance with technical characteristics indicated by the constructor and must not be used improperly pre the operator's safety and stability of equipment and load.
- _ Only authorised personnel may operate lifting gear. _ The operator is responsible for the correct use of the lifting gear and must scrupulously follow safety instructions

Given that the magnetic fields generated by the permanent magnet plate are the primary purpose executing the functions of the plate, these magnetic fields are stationary: they do not vary over time and vary only in function to the distance of the electromagnet mounted in the separator.
site.

PRECAUTIONS AND INDICATIONS

- _ The magnetic plate is provided with permanent magnets that is they are not energised and are always active. Therefore it is important to respect the following indications:
 - _ do not approach holding ferrous material: this can cause crushing
 - _ do not approach with electronic equipment, computers, monitors, measuring equipment, m badges, precision mechanical components; to avoid damage, remain at a minimum distance of 2 mt
- _ **magnetic fields can interfere with PACE-MAKER and other medical devices**
- _ people responsible for the equipment must advise uninformed personnel of the danger
- _ **BOARDS INDICATING DANGER MUST BE SET UP A SUITABLE DISTANCE ACCORD THE CEE245/24 DIRECTIVE**
- _ **INTENSE MAGNETIC FIELD (CEE92/58) PEOPLE FITTED WITH PACE-MAKERS ARE FORBIDDEN FROM APPROACHING**

D_ ASSEMBLING AND SETTING AT WORK

The magnetic plate is delivered completely assembled, ready for the installation, **in all phase of movement is important to remember of being in presence of permanent magnetic fields.**

The magnetic plate must be fixed on an opportune chassis

All the frontal structures to the magnetic plate, cargo slides and drainage, must be realized in non-magnetic material.

it is Made obligation to the operator to determine correctly the proportions for the support structure , and all the suitable protections and shelters to render the machinery in its thoroughness in compliance with the directive blot 89/392 the EEC.

DO NOT OPEN FRONT AND REAR HANDHOLES WHEN THE MACHINE IS OPERATING

E_ MACHINE DESCRIPTION

The MAGNETIC plates allows the continuous work with ferromagnetic material
The magnetic plate is constituted essentially from a fixed magnetic nucleus

OPERATING

OPERATING ENVIRONMENT

- _ relative humidity 80%
- _ minimum temperature -10° C
- _ **maximum temperature + 100° C**

TECHNICAL DATA

The magnetic plate is realized by ferrite SXF magnet 3 poles

FERRITE MAGNETIC PLATE TED-200x100x30

G _ MAINTENANCE

Maintenance operations must be performed with the machine stopped by switching o power supply. Use the ferrous magnetic tools with care making sure to be in the presence permanent magnetic field. Suitable personal protection equipment must be used.

H _ BOARDS FITTED TO THE MACHINE (92/58CEE)

- _ danger sign for the presence of intense magnetic fields
- _ sign forbidding the approach of persons fitted with pace-makers
- _ danger sign for moving components
- _ machine identification plate
- _ CE mark plate

PERIODICALLY CHECK ALL THE PLATES ARE PRESENT IF MISSING OR DETERIORATED THEY MUST BE RESTORED

CALAMIT			
TIPO TYPE	<input type="text"/>	POTENIA POWER	<input type="text"/> W
MATR. SERIAL	<input type="text"/>	TENSIONE TENSION	<input type="text"/> V
ANNO YEAR	<input type="text"/>	CORRENTE CURRENT	<input type="text"/> A
PIE WEIGHT	<input type="text"/> kg		



I _ STORAGE AND DISMANTLING

_ STORAGE The machine must be placed on wooden pallets in a safe, segregated area provided with all necessary danger and risk warning plate

_ DISMANTLING/SCRAPPING On scrapping, dispose of the machine's parts separately, taking account of the different n components (iron, aluminium, magnets, stainless steel) possibly entrusting the task to a s company, and in any event observing the regulations concerning the disposal of solid industrial waste

The scrapping company must be warned on the residual risks given by permanent magnetism

CALAMIT s.r.l.

O - TEST CERTIFICATE N. 09/488

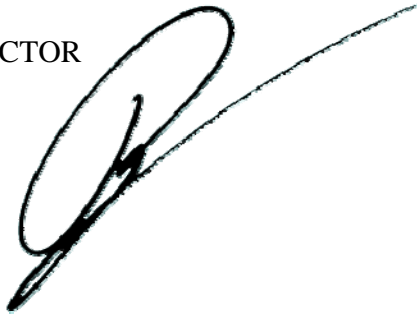
DATE 23.03.2009

MAGNETIC PLATE TED-200x100x30

CONTROLS PERFORMED

DIMENSIONAL TEST	V
PROTECTION CASING INSPECTION	V
MAGNETIC EFFICENCY TEST	V
INSPECTION OF THE INDICATION PLATES	V

INSPECTOR

A handwritten signature in black ink, consisting of a large, stylized capital 'P' followed by a long, sweeping horizontal stroke that extends to the right.