

VERTICAL POSITIONER

OPERATION MANUAL



Serialnr:



Table of contents

1. Technical specifications
2. CE certificate
3. Warranty
4. Preface
5. Operating Manual
6. PAD and faultcode list
7. Appendix A – General Arrangement Drawing
8. Appendix B – Electrical Drawing
9. Appendix C – CDROM inverter

Technical data Positioner V3000

Manufacturer : A&N Europe B.V.

Machine number :

Capacity : 3000 kg

Center of gravity : 150mm

Chuck size : Ø 540

Centerheight : 920 mm

Rotation revolutions : 0.1-2.7 rpm (4-80Hz)

Power : 0.75 kW

Norminal Drehmoment : 2802 Nm op 50Hz

Max. welding current : 600A

Supply : 230 volt - 50/60Hz

Full load current : 10.5A

Control Voltage : 24VDC

Nett weight : 440kg



**DECLARATION OF CONFORMITY
OVEREENSKOMSTIGHEIDSVERKLARING
KONFORMITÄTSERKLÄRUNG**

Manufacturer
Fabrikant : **A&N EUROPE BV**
Hersteller : **NIJVERHEIDSWEG 32e**
NL-3251LP Stellendam

Assure that the machine,
Verklaart dat de machine,
Versichert, dass die Maschine,

Model : **V3000**
Serial number
Serie nummer :
Serienummer

Is manufactured in conformity with the standards NEN-EN60204, NEN-EN292 I+II and the directives 98/37/EG with revision 87/79/EG.
Gefabriceerd is in overeenstemming met met normen NEN-EN60204, NEN-EN292 I+II en volgens richtlijnen 98/37/EG met wijziging 87/79/EG
In Übereinstimmung mit den gültigen Normen NEN-EN60204, NEN-EN292 I+II und mit den Richtlinien 98/37/EG mit Aenderung 87/79/EG.

A&N Europe B.V.

Stellendam, 12-12-2013

LIMITED WARRANTY

A&N EUROPE B.V. warrants all new equipment to be free from defects in material and workmanship for the period of one year, provided that the equipment is installed and operated according to instructions. Any repairs made by unauthorised third parties or modification without written consent shall void this warranty.

A&N EUROPE B.V. warrants all used equipment to be free from defects in material and workmanship for the period of three months, provided that the equipment is installed and operated according to instructions. Any repairs made by unauthorised third parties or modification without written consent shall void this warranty.

A&N EUROPE B.V. obligation, under this warranty, is expressly limited to replacing or repairing any defective part or correcting any manufacturing defect without charge during the warranty period, if **A&N's** factory inspection confirms the existence of such defects. **A&N's** option of repair or replacement will be at **A&N's** factory, and therefore, no compensation for transportation cost of any kind will be allowed.

A&N EUROPE B.V. will not be liable for any loss or consequential damage or expense accruing directly or indirectly from the use of equipment covered by this warranty.

Equipment manufactured by others but supplied by **A&N** shall carry the original makers warranty and shall be passed on to the buyer.

This warranty supersedes all previous **A&N** warranties and is exclusive with no other guarantees or warranties expressed or implied.

A&N EUROPE B.V..
NIJVERHEIDSWEG 32e
NL-3251LP STELLENDAM

TEL : +(31)187 490277
FAX : +(31)187 490969
WEBSITE : www.aneurope.nl
E-MAIL : info@aneurope.nl

- The information contained in this manual is intended to be accurate. However the manufacturer retains the rights to make changes in design which may not be included herein.

PREFACE

1. GENERAL SAFETY INSTRUCTION

- 1.1 This manual must be thoroughly understood prior to actual installation and operation of the machine.
- 1.2 In addition to the manual, please consult other manuals of associated equipment such as Overhead crane.
- 1.3 Please observe applicable legal and other mandatory regulations relevant to accident prevention and environment protection. These compulsory regulations may also deal with handling of hazardous substances, issuing and/or warning of personal protective equipment, or traffic regulations.
- 1.4 Installation instructions contained here in must be supplemented by instructions covering all duties involved in supervising and notifying other parties working within the area of operation.
- 1.5 Observe all basic safety rules using the correct tools and lifting slings, wearing of PPE etc.

DO NOT COMPROMISE ON SAFETY !

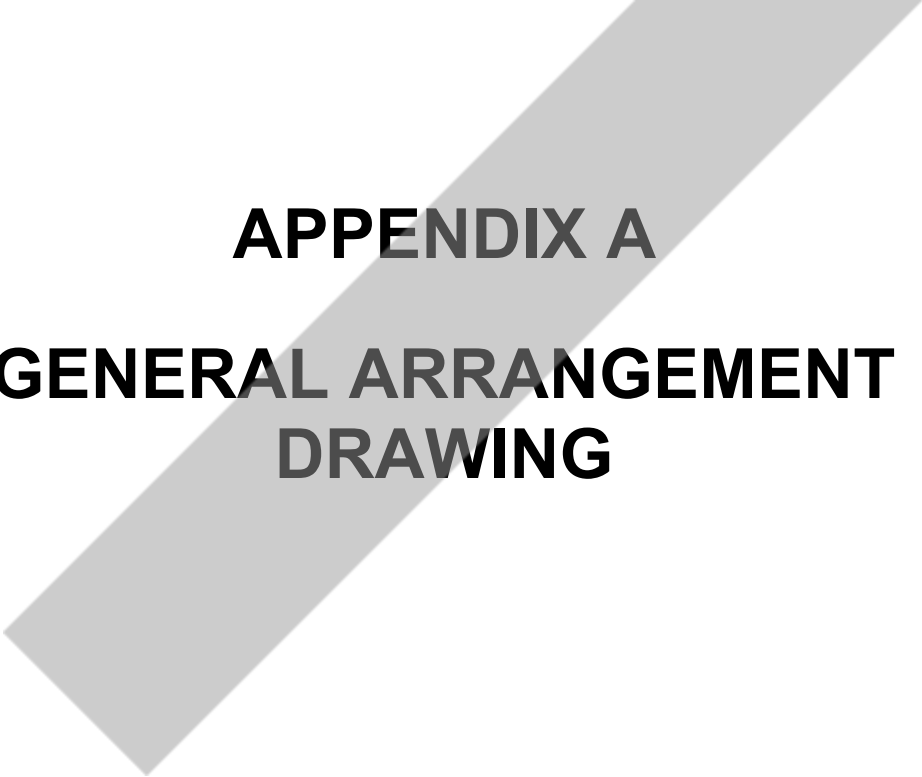
- 1.6 Always use Lifting Lugs provided on the Equipment.

2. INSTALLATION PREPARATION

- 2.1 During design and installation it is vital to take into account relevant standards and regulations, the load bearing capacity of building or floor or other attachment devices.
- 2.2 Before starting installation, prepare a sketch or drawing showing the extent of the **A&N** Rotator System and its required area of operation with respect to building.
- 2.3 Use only original **A&N** components. When using supplementary bolts etc use only the specified grade.
- 2.4 The **A&N** Rotator is designed to be ready-to-use and there is no further Mechanical Installation Requirement except to provide connection to the Electrical Supply. However, we recommend that a thorough Visual Inspection to be carried out to ascertain that no obvious damage has occurred during the course of shipment and transit.
- 2.5 We recommend that, after completion of installation but before taking the unit into service, it is commissioned by a recognized expert in the field. We remain naturally at your service with hints and advice should you require them. It is better to ask too much – nothing must be unclear. We trust that with proper installation procedures, your **A&N** Positioner will provide you with years of trouble free service.

3. EARTHING

- 3.1 Rotators: Connect always the earthing of the welding power source direct to the vessel with a suitable.
Positioners: Connect always the earthing of the welding power source to the positioners earthing connector.
Bad earthing can occur in costly damage in the control box.



APPENDIX A

GENERAL ARRANGEMENT DRAWING



APPENDIX B

ELECTRICAL DRAWING



APPENDIX C

CDROM INVERTER