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0608	

Dumper

3001



OPERATOR'S MANUAL





1 Introduction

1.1 Important information on this Operator's Manual

Please store the Operator's Manual in the storage bin under the engine cover.

This Operator's Manual contains important information on how to work safely, correctly and economically with the machine. Therefore, it aims not only at new operators, but it also serves as a reference for experienced ones. It helps to avoid dangerous situations and reduce repair costs and downtimes. Furthermore, the reliability and the service life of the machine will be increased by following the instructions in the Operator's Manual. This is why **the Operator's Manual must always be kept at hand on the machine.**

Your own safety, as well as the safety of others, depends to a great extent on how the machine is moved and operated. Therefore, carefully read and understand this Operator's Manual prior to the first drive. This Operator's Manual will help to familiarize yourself more easily with the machine, thereby enabling you to use it more safely and efficiently.

Prior to the first drive, carefully read chapter "Safety Instructions" as well, in order to be prepared for possible dangerous situations, as it will be too late for it during operation. As a rule, keep the following in mind:

Careful and prudent working is the best way to avoid accidents!

Operational safety and readiness of the machine do not only depend on your skill, but also on maintenance and servicing of the machine. This is why regular maintenance and service work is absolutely necessary. Extensive maintenance and repair work must always be carried out by an expert with appropriate training. Insist on using original spare parts when carrying out maintenance and repair work. This ensures operational safety and readiness of your machine, and maintains its value.

Your Wacker Neuson dealer will be pleased to answer any further questions regarding the machine or the Operator's Manual.

Abbreviations / symbols

- This symbol stands for a list
 - Subdivision within lists or an activity. Follow the steps in the recommended sequence

 This symbol requires you to carry out the activity described

 Description of the effects or results of an activity

n. s. = not shown

"Opt" = option Stated whenever controls or other components of the machine are installed as an option.



1.2 Brief description

The model 3001 dumper is a self-propelled work machine.

Get informed on and follow the legal regulations of your country.

This machine is a versatile and powerful helper for moving earth, gravel and debris on construction sites and elsewhere. The main components of the machine are:

- Rollbar
- Hydraulic swivel dump bucket or front dump bucket
- Yanmar three cylinder diesel engine
- Sturdy steel sheet chassis

1.3 Operator qualifications

Requirements to be met by the operator

Earth moving machines may be driven and serviced only by persons who meet the following requirements:

- 18 years or older
- Physically and mentally suited for this work
- Persons have been instructed in driving and servicing the earth moving machine and have proven their qualifications to the contractor
- Persons are expected to carry out work reliably.

They have been appointed by the contractor for driving and servicing the earth moving machine.

Get informed on and follow the legal regulations of your country.



1.4 EC Declaration of Conformity for 3001 dumper



EG-Konformitätserklärung EC-Declaration of Conformity Déclaration de conformité

im Sinne der EG-Maschinenrichtlinie Anhang II A **98/37/EC,**
in addition to the EC machine directives Annex
dans l'esprit des directives du conseil relatives aux machines Annexe

Hiermit erklären wir, daß der Kompakt-Allraddumper

We declare, that the compact-dumper

Nous déclarons, que le dumper compact

Typ	3001	Fahrgestell-Nr.	
type		serial-no.	
type		numéra de série.	

folgenden einschlägigen Bestimmungen entspricht:

98/37/EC

fulfills the following directives:

89/336EEC

est en conformité avec des prescriptions suivant:

2000/14/EC

Angewendete harmonisierte europäische Normen

EN 12100-1 : 2003

Harmonized standards applied

EN 12100-2 : 2003

Normes européennes harmonisées appliquées

EN 474-1 1994

EN 474-6 1996

Garantierter Schalleistungspegel L_{WA} 101

Guarantee weighted Sound Power Level

Niveau sonore garanti de la puissance

Gemessener Schalleistungspegel L_{WA} 101

Measured weighted Sound Power Level

Niveau sonore mesuré de la puissance

Freiwilligen Baumusterprüfung:

Voluntary type-examination

Effectuer l'examen de type volontaire

Baumusterprüfungsbescheinigung-Nr.:

Examination certificate No.:

Attestation de type n°:

Tredegar, 18/12/2007

Ort, Datum / Place, date / Lieu, date

Technical Director

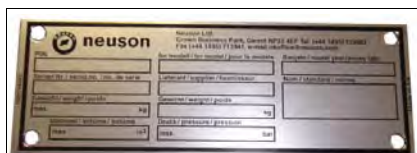


Fig. 5: ROPS type label

ROPS certification number

The label is located on the left on the ROPS.

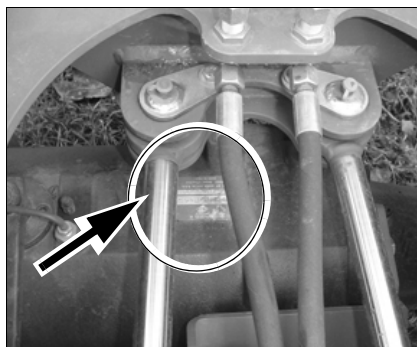
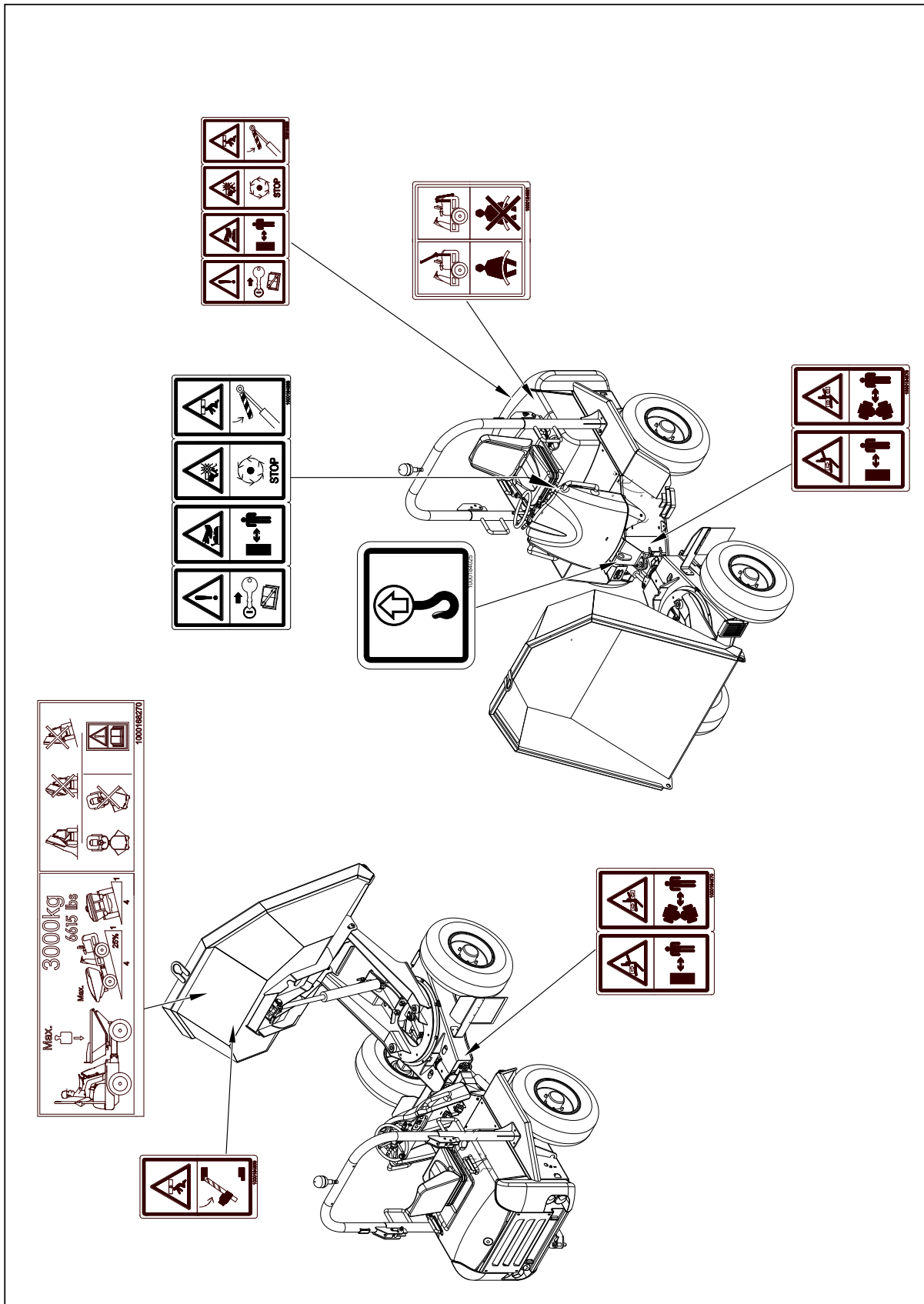


Fig. 6: Axle type label

Axle number

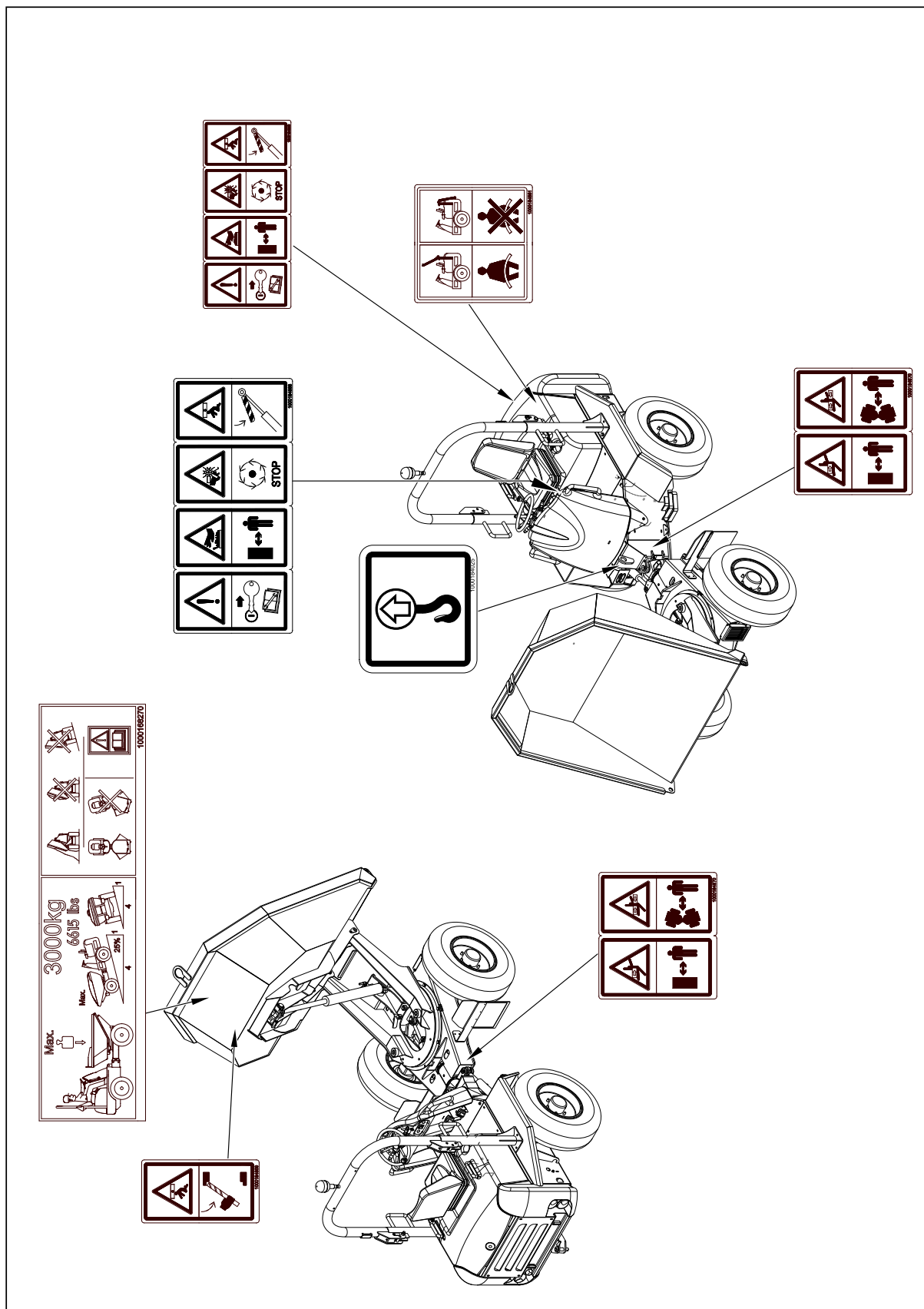
The type label (arrow) is located on the upper side of the axle housing.

1.6 Label Overview Front Tip 3001





1.7 Label Overview Powerswivel 3001



1.8 Symbol descriptions

The following symbols are displayed on the machine to provide pictorial information to the user. The information and explanations are provided to avoid misinterpretation by the user. The symbols have been chosen to provide important information to those involved with operating, adjusting, maintaining, and repairing this machine.



Fig. 7: Eye hook label

Description

Lift the machine or machine parts only by means of these lifting points.

– see [chapter 3.19](#) *Lifting the machine* on page 3-28

Location

On the rear chassis next to the lifting point



Fig. 8: Label for points used for strapping down the machine

Description

Tie down points.

Location points designated for tie down of the machine during transport to prevent movement during transport.

Location

In the ner of the dump bucket

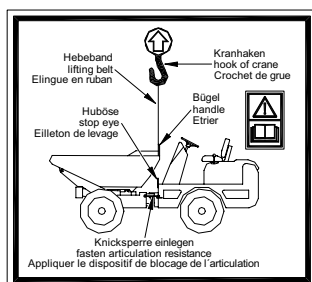


Fig. 9: Label with indications for loading the machine

Description

Loading indications for machine.

– see [chapter](#) *Strapping down the machine* on page 3-30

Location

On the engine cover

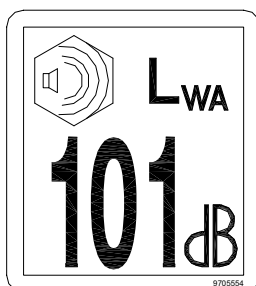


Fig. 10: Noise level label

Description

Noise levels produced by the machine.

L_{WA} = sound power level

Other information – see [chapter 6.11](#) *Noise levels* on page 6-4

Location

On the engine cover

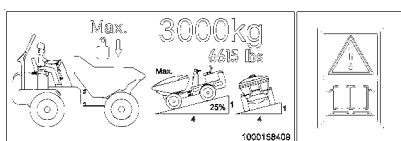


Fig. 11: Driving on slopes Front Tip

Description

This label indicates the maximum authorized angle of inclination for driving on slopes, whatever the position of the machine.

Location 3001 Front Tip

On the dump bucket

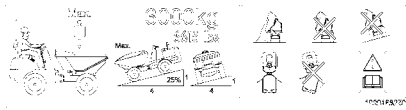


Fig. 12: Driving on slopes Powerswivel

Description

This label indicates the maximum authorized angle of inclination for driving on slopes, whatever the position of the machine.

Location 3001 Powerswivel

On the dump bucket

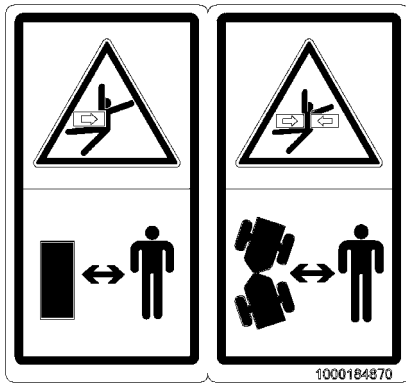


Fig. 13: Keep a safe distance

Description

1. Stay away from the machine work area.
2. Articulation joint crushing hazard. Stay away!

Location

On the left and right of front chassis

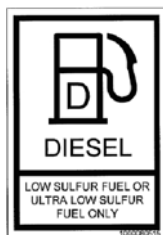


Fig. 14: Diesel

Description

Fill location for diesel fuel only.

Location

On the fuel filler inlet

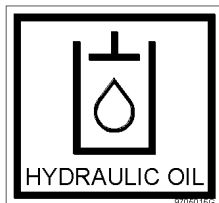


Fig. 15: Hydraulic oil

Description

Hydraulic oil filler inlet. Use only specified hydraulic fluid.

– see [chapter Filling up hydraulic oil](#) on page 5-19

Location

On the filler inlet of the hydraulic oil tank



Fig. 16: Maintenance prop

Description

Fold down and secure the maintenance prop before carrying out work underneath the dump bucket.

Location

On the swivelling console at the front

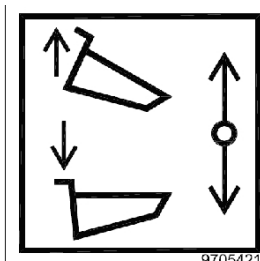


Fig. 17: Dumping out the dump bucket

Description

Shows how the dump bucket can be dumped out.

Location

On the engine cover

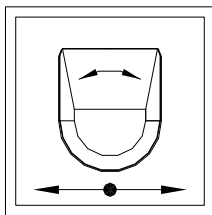


Fig. 18: Swivelling the dump bucket

Description

Shows how the dump bucket can be swivelled.

Location

On the engine cover

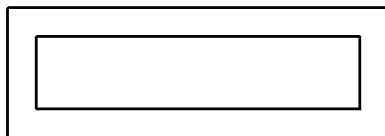


Fig. 19: Serial number

Description

Machine serial number label

Location

At the front right of the chassis



Fig. 20: Caution

Description

1. Attention! Remove starter key and read the Service Manual before servicing the machine.

2. Hot surface! Do not touch. Keep a safe distance from the machine.

3. Cutting hazard. Cooling fan can cut when rotating. Stop engine before working on the engine or cooling system.

4. Crushing hazard. Place safety strut in blocking position on the hydraulic cylinder before performing maintenance.

Location

On the engine cover

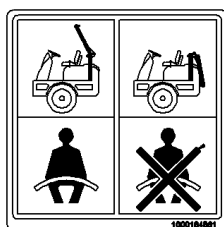


Fig. 21: Lap belt

Description

Always fasten the seat belt if the rollbar is raised!

Do not use the seat belt when the ROPS is lowered to the stored position.

Location

On the engine cover

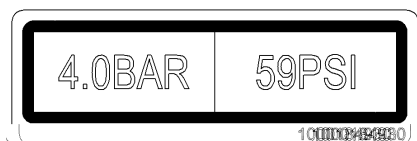


Fig. 22: Tire pressure

Description

Recommended tire inflation pressure. Read the Operator's Manual for detailed instructions and load ratings.

Location

On the mudguards and the dump bucket