

80R & 100R

Integral Mount Sideshifter, Sideshifting Fork Positioner

Original Instructions

Number 6914838 EN



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CONTENTS

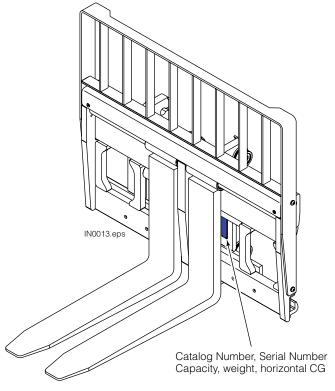
		Page
INTRODUCTION		i
Special [Definitions	1
OPERATION		1
Safety R	ules – Industrial Lift Trucks	2
Safety R	ules – Handling Loads	3
Sideshift	& Fork Position Operation	3
Daily Ins	pection	4
Safe Ope	eration and Maintenance	5
INSTALLATIO	N	
Truck Re	quirements	6
Hydrauli	c Supply	6
Attachm	ent Installation	7
PERIODIC MA	INTENANCE	
Daily		11
1000-Ho	ur	11
2000-Ho	ur	11
RESIDUAL HA	AZARDS	12
NAMEDI ATE	ICONS	1.3

INTRODUCTION

This manual is for the Cascade 80R and 100R Integral Sideshifter/Fork Positioner. Contents include an Operator's Guide, Installation Instructions and Periodic Maintenance.

IMPORTANT: The 80R and 100R Integral Fork Positioner/ Sideshifter is metric. Supply fittings can be adapted as required for your application.

NOTE: All specifications are shown in Metric units where applicable. All fasteners have a torque value range of $\pm 10\%$ of stated value.



Special Definitions

The statements shown appear throughout this Manual where special emphasis is required. Read all WARNINGS and CAUTIONS before proceeding with any work. Statements labeled IMPORTANT and NOTE are provided as additional information of special significance or to make the job easier.



WARNING – A statement preceded by WARNING is information that should be acted upon to prevent bodily injury. A WARNING is always inside a ruled box.

CAUTION – A statement preceded by CAUTION is information that should be acted upon to prevent machine damage.

IMPORTANT – A statement preceded by IMPORTANT is information that possesses special significance.

NOTE – A statement preceded by NOTE is information that is handy to know and may make the job easier.



WARNING: Rated capacity of the truck/ attachment combination is a responsibility of the original truck manufacturer and may be less than shown on the attachment nameplate. Consult the truck nameplate.

WARNING: Do not operate this attachment unless you are a trained and authorized lift truck driver.

Weighted Emission Sound Pressure Level - Weighted emission sound pressure level (LpA) does not exceed 70 dB(A).

Measured Value of Whole Body Vibration - Measured value of whole body vibration (m/s^2) does not exceed 0,5 m/s^2 .

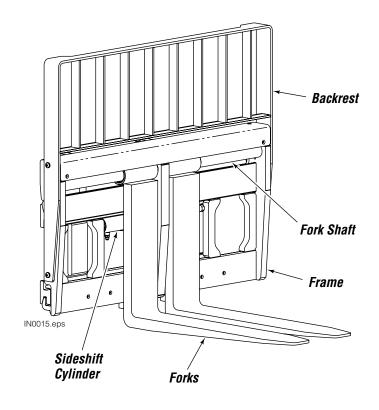
Measured Value of Hand-Arm Vibration - Measured value of hand-arm vibration (m/s²) does not exceed 2,5 m/s².

OPERATION

This section contains operating instructions for the Cascade 80R and 100R Integral Sideshifter/Fork Positioner. It will help you avoid common errors which often cause damage to the equipment or product being handled.

This information is intended to simplify operator understanding about effective and safe Attachment use and operation. Read this information thoroughly before operating the attachment. Be sure you know and understand all operating procedures and safety precautions. If you have any questions or don't understand a procedure, ask your supervisor.

Emphasize Safety! Most accidents are caused by operator carelessness or misjudgment. You must watch for poorly maintained equipment and hazardous situations and correct them.



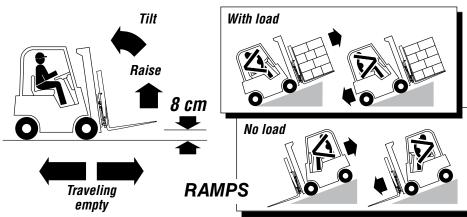
Safety Rules - Industrial Lift Trucks



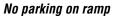












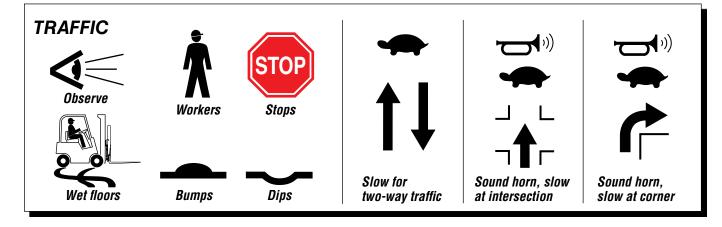
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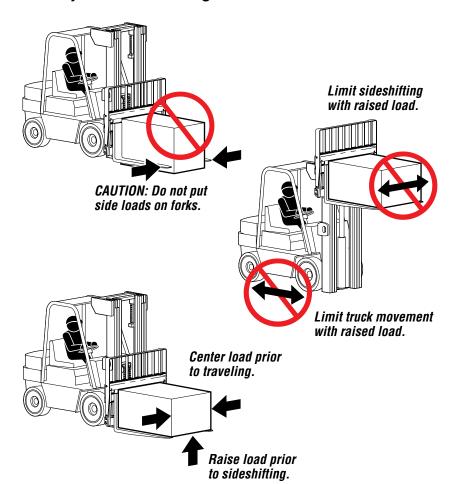
No turning on ramp

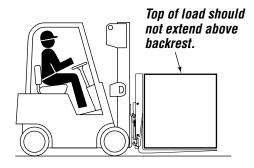


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Safety Rules - Handling Loads







Load weight must not exceed combined truck/attachment capacity (see truck nameplate).

Total fork capacity (LH + RH fork) must be greater than load weight. Check capacity stamp on forks.

Sideshift & Fork Position Operation

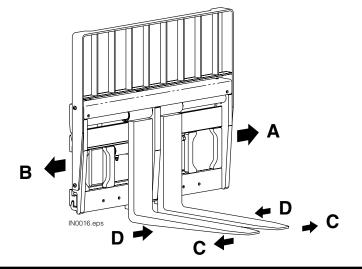
AUXILIARY VALVE FUNCTIONS Hoist down Tilt forward A C GA0005.eps Hoist up Tilt Back

SIDESHIFTING & FORK POSITIONING

- A Sideshift Left
- **B** Sideshift Right
- C Open Forks (if equipped)
- **D** Close forks (if equipped)

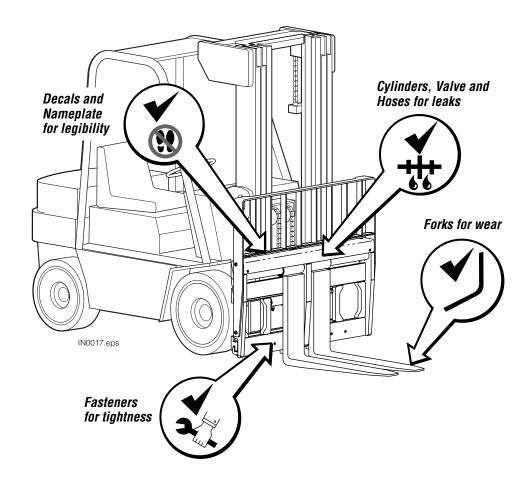


WARNING: Truck control handle and attachment function activation shown here conforms to ISO 3691 recommended practices. Failure to follow these practices may lead to serious bodily injury or property damage. End user, dealer and OEMs should review any deviation from the practices for safe operation.



Daily Inspection

Check items shown each day. Report problems to your supervisor. Refer to the attachment's service manual for troubleshooting and repair procedures.



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SAFE OPERATION AND MAINTENANCE

Industrial Trucks and Attachments



WARNING: When operating and maintaining industrial trucks equipped with attachments, you should pay particular attention to the following information. You should be familiar with this information for truck and attachment operation. **Ask your employer for complete operation information.**

General Requirement

Modifications and additions which affect capacity and safe operation shall not be performed by the customer or user without manufacturers prior written approval. Capacity, operation and maintenance instruction plates, tags or decals shall be changed accordingly.

If the truck is equipped with front-end attachments other than factory installed attachments, the user shall request that the truck be marked to identify the attachments and show the appropriate weight of the truck and attachment combination at maximum elevation with load laterally centered.

The user shall see that all nameplates and markings are in place and maintained in a legible condition.

Safety Guards

If the type of load presents a hazard, the user shall equip fork trucks with a vertical load backrest extension in accordance with the following.

All new powered industrial trucks acquired and used by an employer after February 15, 1972 shall meet the design and construction requirements for powered industrial trucks established in the "American National Standard for Powered Industrial Trucks, Part II, ANSI B56.1", except for vehicles intended primarily for earth moving or over-the-road hauling.

Operator Training

Only trained and authorized operators shall be permitted to operate a powered industrial truck. Methods shall be devised to train operators in the safe operation of powered industrial trucks.

Truck Operations

Trucks shall not be driven up to anyone standing in front of a bench or other fixed object.

No person shall be allowed to stand or pass under the elevated portion of any truck, whether loaded or empty.

Unauthorized personnel shall not be permitted to ride on powered industrial trucks. A safe place to ride shall be provided where riding of trucks is authorized.

The employer shall prohibit arms or legs from being placed between the uprights of the mast or outside the running lines of the truck

When a powered industrial truck is left unattended, load engaging means shall be fully lowered, controls shall be neutralized, power shall be shut off and brakes set. Wheels shall be blocked if the truck is parked on an incline.

A powered industrial truck is unattended when the operator is 7 meter or more away from the vehicle which remains in his view, or whenever the operator leaves the vehicle and it is not in his view.

When the operator of an industrial truck is dismounted and within 7 meter of the truck still in his view, the load engaging means shall be fully lowered, controls neutralized and the brakes set to prevent movement.

A safe distance shall be maintained from the edge of ramps or platforms while on any elevated dock or platform or freight car. Trucks shall not be used for opening or closing freight doors.

A load backrest extension shall be used whenever necessary to minimize the possibility of the load or part of it from falling rearward.

Traveling

The driver shall be required to slow down and sound the horn at cross isles and other locations where vision is obstructed. If the load being carried obstructs forward view, the driver shall be required to travel with the load trailing.

When ascending or descending grades in excess of 10 percent, loaded trucks shall be driven with the load upgrade.

On all grades the load and load engaging means shall be tilted back if applicable, and raised only as far as necessary to clear the road surface.

Loading

Only stable or safely arranged loads shall be handled. Caution shall be exercised when handling off-center loads which cannot be centered.

Only loads within the rated capacity of the truck shall be handled.

The long or high (including multiple-tiered) loads which may affect capacity shall be adjusted.

Trucks equipped with attachments shall be operated as partially loaded trucks when not handling a load.

A load engaging means shall be placed under the load as far as possible; the mast shall be carefully tilted backward to stabilize the load.

Extreme care shall be used when tilting the load forward or backward, particularly when high tiering. Tilting forward with load engaging means elevated shall be prohibited except to pick up a load. An elevated load shall not be tilted forward except when the load is in a deposit position over a rack or stack. When stacking or tiering, only enough backward tilt to stabilize the load shall be used.

Operation of the Truck

If at any time a powered industrial truck is found to be in need of repair, defective, or in any way unsafe, the truck shall be taken out of service until it has been restored to safe operating condition.

Maintenance of Industrial Trucks

Any power-operated industrial truck not in safe operating condition shall be removed from service. All repairs shall be made by authorized personnel.

All parts of any such industrial truck requiring replacement shall be replaced only by parts equivalent as to safety with those used in the original design.

Industrial trucks shall not be altered so that the relative positions of the various parts are different from what they were when originally received from the manufacturer, nor shall they be altered either by the addition of extra parts not provided by the manufacturer or by the elimination of any parts. Additional counter-weighting of fork trucks shall not be done unless approved by the truck manufacturer.

Industrial trucks shall be examined before being placed in service and shall not be placed in service if the examination shows any condition adversely affecting the safety of the vehicle. Such examinations shall be made at least daily. When industrial trucks are used on a round-the-clock basis, they shall be examined after each shift. Defects when found shall be immediately reported and corrected.

Truck Requirements

Truck Relief Setting

152 bar Recommended 241 bar Maximum

Truck Flow Volume ¹

Min. 2 Recommended Max. 3

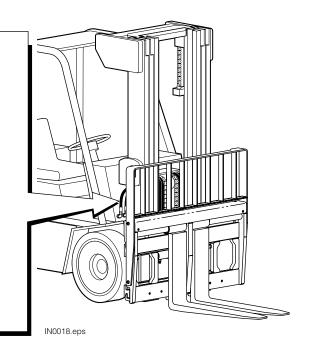
80R/100R-IFS 80R/100R-ISS

4 L/min.

7.5 L/min.

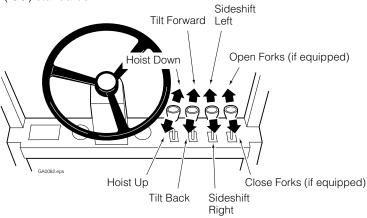
12 L/min.

- ① Cascade R-Series Integral Attachments are compatible with SAE 10W petroleum base hydraulic fluid meeting Mil. Spec. MIL-0-5606 or MIL-0-2104B. Use of synthetic or aqueous base hydraulic fluid is not recommended. If fire resistant hydraulic fluid is required, special seals must be used. Contact Cascade.
- 2 Flow less than recommended will result in slow fork positioning and sideshift speed.
- Flow greater than maximum can result in excessive heating, reduced system performance and short hydraulic system life.

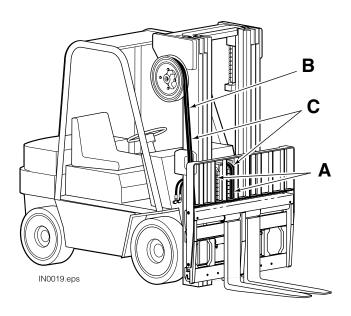


Auxiliary Valve Functions

Check for compliance with ANSI (ISO) standards:



Hydraulic Supply



Fork Positioning and Sideshift function: No. 8 hose/ No. 8 fittings with 10 mm minimum ID.

Refer to Cascade Hose & Cable Reel Selection Guide, Part No. 212199 to select the correct hose reel for the mast and truck.

Sideshifting

A Mast Single Internal Reeving

B Hose Reel

Fork Positioning & Sideshifting

A Mast Double Internal Reeving

C Mast Single Internal Reeving and Hose Reel

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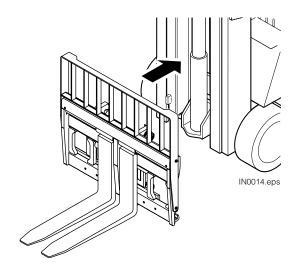
Attachment Installation

IMPORTANT: Integral attachment installation is an OEM or dealer responsibility. Some of the following steps may or may not be required, but are shown for reference. Refer to the appropriate service manual for service and repair procedures.



WARNING: Check the attachment weight (located on the nameplate) to make sure the overhead hoist and chains or straps are at least the rated capacity of the attachment.

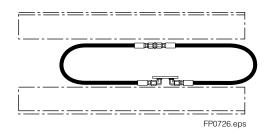
Integral attachment should be installed in the mast per OEM specifications and procedures.



2

Flush supply hoses

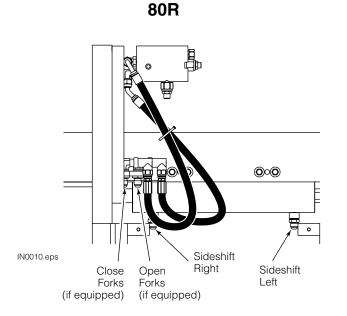
- A Connect supply hoses to supply terminals and connect together using union fittings as shown.
- **B** Operate auxiliary valves for 30 sec.
- **C** Remove union fittings.

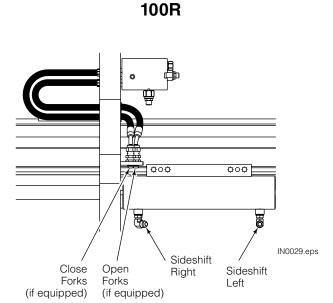


3

Install supply hoses

Fittings are male No. 8 JIC 37°.





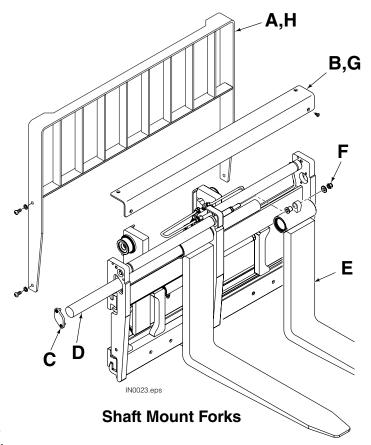
Attachment Installation

4

Install forks (if required)

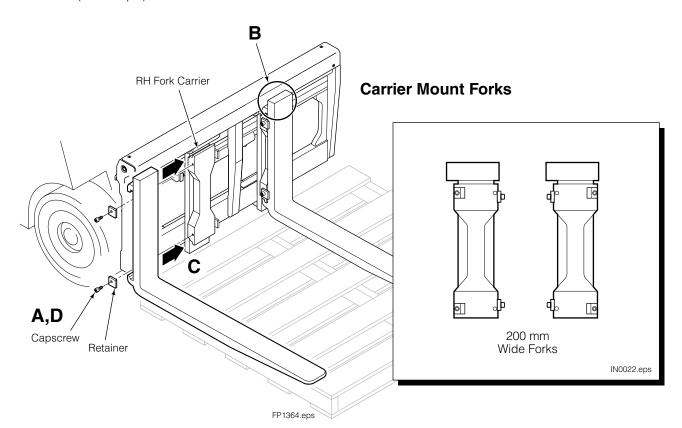
Shaft Mount Forks

- A Remove the backrest (if equipped).
- **B** Remove the cover plate.
- C Remove the fork shaft end cover.
- **D** Pull the shaft out of the frame far enough to allow installing the fork tube on the shaft.
- E Engage the fork lower hook with the lower carriage bar. Insert the shaft through the fork tube. Fully engage the shaft in the frame and install the end plate. Tighten the end plate capscrews to the torque of 66 Nm.
- **F** Fasten the cylinder rod end to the fork tube anchor. Tighten the nut to 320 Nm.
- **G** Reinstall the cover plate. Tighten capscrews to the torque of 38 Nm.
- H Reinstall the backrest. Tighten capscrews to the torque of 66 Nm.



Carrier Mount Forks

- A Remove capscrews and fork carrier outer retainers.
- **B** Remove locking pin from fork upper hook, if equipped.
- C Install forks using a pallet or blocks. Keep feet clear of forks
- **D** Reinstall fork carrier retainers and tighten capscrews to 165 Nm (lube torque).



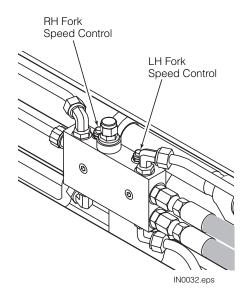
5

Cycle Attachment functions

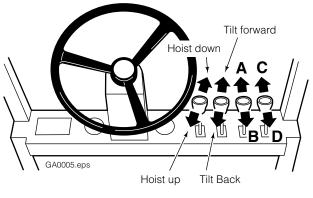
- Open and close forks several times (if equipped).
 Sideshift left and right. Check for smoothness and equal fork movement. Equalize fork movement if required by adjusting the valve speed controls.
- Check for operation in accordance with ISO standards.
- Check for leaks at fittings, valve and cylinders.



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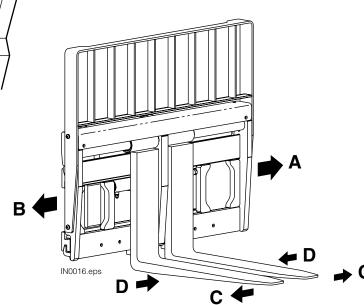


AUXILIARY VALVE FUNCTIONS



SIDESHIFTING & FORK POSITIONING

- A Sideshift Left
- **B** Sideshift Right
- **C** Open Forks (if equipped)
- **D** Close forks (if equipped)



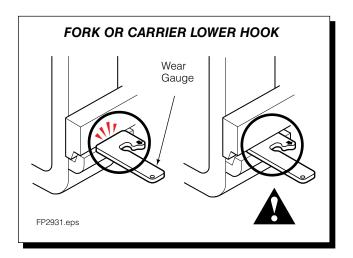
Attachment Installation

6

Inspect fork or carrier hook clearance

NOTE: Use go/no-go Wear Gauge Part No. 209560 (Class II) or 209561 (Class III).

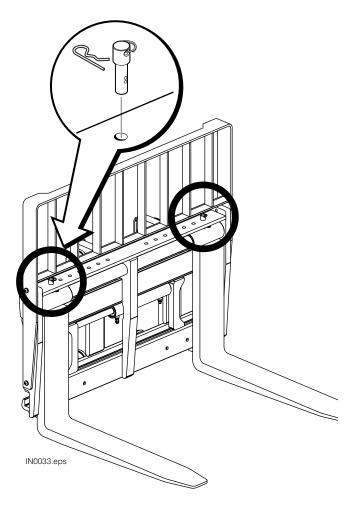
Inspect the fork or carrier lower hooks. If the gauge fits between the lower hook and frame, repair or replacement is needed.



7

Sideshifters-Position forks

Remove hairpin cotter and clevis pin from frame. Position forks to required position. Reinstall clevis pin to fully engage top hole in fork. Install hairpin cotter.



Daily

Check items shown each day. Report problems to your supervisor. Refer to service manual for troubleshooting, maintenance and repair procedures.

Check for loose or missing capscrews, worn or damaged hoses, and hydraulic leaks.

Fork Position

Valve

Fork Carrier

Capscrews

Retainer

Cylinder Rod

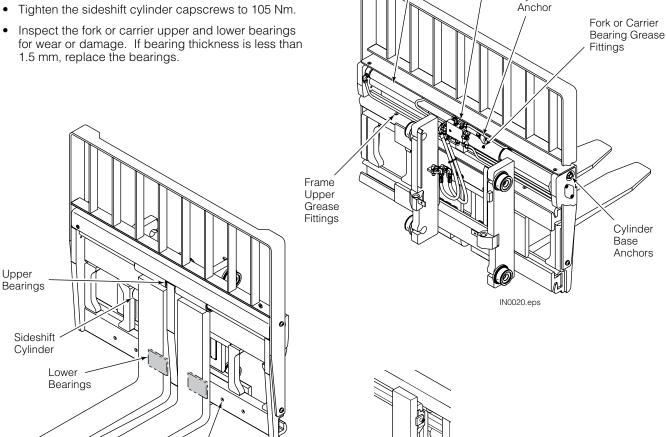
Cylinders

WARNING: After completing any service procedure, always test the fork positioner through five complete cycles to make sure the attachment operates correctly before returning it to the job.

1000-Hour

Every time the lift truck is serviced or every 1000 hours of truck operation, whichever comes first, complete the following maintenance procedure:

- Apply chassis grease to the frame upper and lower grease fittings and fork or carrier bearing grease fittings.
- Tighten fork carrier retainer capscrews to 165 Nm.
- Tighten the fork position cylinder rod anchor nuts to 320 Nm.
- Tighten the fork position cylinder base anchor nuts to 450 Nm.
- Tighten the sideshift cylinder capscrews to 105 Nm.
- Inspect the fork or carrier upper and lower bearings



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IN0021.eps

Frame

Lower

Grease Fittings

PERIODIC MAINTENANCE

2000-Hour

After 2000 hours of truck operation, in addition to the 1000-hour maintenance, forks in use shall be inspected at intervals of not more than 12 months (for single shift operations) or whenever any defect or permanent deformation is detected. Severe applications will require more frequent inspection.

Fork inspection shall be carried out by trained personnel to detect any damage that might impair safe use. Any fork that is defective shall be removed from service. Reference ANSI B56.1-2005.

Inspect for the following defects:

- Surface cracks
- · Straightness of blade and shank
- Fork angle
- Difference in height of fork tips
- Positioning lock
- · Wear on fork blade and shank
- · Wear on fork hooks
- · Legibility of marking

NOTE: Fork Safety Kit 3014162 contains wear calipers, inspection sheets and safety poster. Also available is fork hook & carriage wear gauge 209560 (Class II), 209561 (Class III).

RESIDUAL HAZARDS

The attachment has been designed to prevent risks during movement, installation and operation. There are, however, some residual hazards:

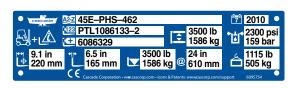
- Hazard of crushing between the lift truck's front structure and the mast when completely tilted backwards.
- Hazard of shearing between the lift truck's front structure and mast components that move vertically with the mast completely tilted backwards.
- Hazard of shearing between the attachment frame and forks.
- Hazard of crushing during fork service procedures.
- · Hazard of crushing during cylinder service procedures.
- Hazard of crushing during installation and periodic maintenance operations.

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EN NAMEPLATE ICONS
GO TAGETIKA C MME MKOHM
CS JMENOVKA IKONY
OA NAVNESKILT IKONER
OE TYPENSCHILD SYMBOLE
EL ONOMAZTIKHZ EIKONIDIA
GS PLACA DE ICONOS
ET NIMIKYLTTI KUVAKKEET
ED BI AGUIE ICÔNES
ED LE ICÔNES FR PLAQUE ICÔNES

(GA) IDENTIFICACIÓN ICONAS MÉVTÁBLÁN IKONOK IS NAFNASKILTATÁKN IT ICONE DELLA TARGA (I) ICONE DELLA TARGA A 銘板アイコン (I) 宮野 아이콘 (II) NOMINALUS PIKTOGRAMOS (IV) AR NOSAUKUMU, IKONAS (IV) NAMEPLATE ICOANE (NL) NAAMBORD ICONEN

(N) NAVNEPLATE-IKONER (P) NAMEPLATE ICOANE (P) IDENTIFICAÇÃO ÍCONES (R) ICONOS DE PLACA (R) TABJININKY SHANKOB S MENOVKA ICONS
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S NAMNSKYLTEN IKONER
BILGI ETIKETI SIMGELERI





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BG MOJEJ
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MD MUDELL ND MODEL NO MODELL PD MODEL PD MODELO (RO) MODEL

RU MOДЕЛЬ SK MODEL SU MODEL SV MODELL RE MODEL 20世



EN SERIAL NUMBER BÖ CEPUEH HOMEP CS SÉRIOVÉ ČÍSLO DA SERIENUMMER DE SERIENNUMMER ΈΣ ΣΕΙΡΙΑΚΟΣ ΑΡΙΘΜΟΣ

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RDCEPNЙHЫЙ HOMEP SIO SÉRIOVÉ ČÍSLO SID SERIJSKA ŠTEVILKA SID SERIENUMMER TROSERI NUMARASI (ZH)序列号



EN ADDITIONAL INFORMATION
BO ΠΟΠΤΕΓΙΚΑ ΜΗΦΟΡΜΑЦИЯ
CS DOPLNKOVÉ INFORMACE
OA YDERLIGERE OPLYSNINGER
DE ZUSÄTZLICHE INFORMATIONEN
EN ΠΡΟΣΘΕΤΕΣ ΠΛΗΡΟΦΟΡΙΕΣ

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CS MAXIMÁLNÍ NOSNOST
DA MAKS. KAPACITET
DE MAXIMALKAPAZITÄT
ED MERISTH XOPHTIKOTHTA

ES CAPACIDAD MÁXIMA
ED MAKSIMAALNE JÕUDLUS
ED MAKSIMIKAPASITEETTI
ER CAPACITE MAXIMUM GÁ UASCHUMAS HÚ MAXIMÁLIS KAPACITÁS

(IS) HÁMARKS GETA (IT) PORTATA MASSIMA JA) 最大容量 低の 최대 용량 LT) MAKSIMALI GALIA LV) MAKSIMĀLĀ CELTSPĒJA

MT) KAPAĊITÀ MASSIMA MD MAXIMAAL LAADVERMOGEN MO MAKSIMAL KAPASITET PD UDŹWIG MAKSYMALNY PD CAPACIDADE MÁXIMA RO CAPACITATE MAXIMĂ

RDMAKCUMAЛЬНАЯ ГРУЗОПОДЪЕМНОСТЬ SIOMAXIMÁLNA NOSNOSŤ SIOMAZIMAL KAPACITET TRIMAKSIMUM KAPASITE ZD 最大承載能力



ED MAXIMUM CAPACITY BETWEEN FORKS

BG MAKCIMATHA TOBAPOROДЕМНОСТ МЕЖДУ ВИЛИЦИТЕ

CS MAXIMÁLNÍ NOSNOST MEZI VIDLICEMI

DA MAKSIMAL KAPACITET MELLEM GAFLERNE

DE MAXIMALE TRAGFÄHIGKEIT ZWISCHEN DEN GABELN

EN CAPACIDAD MÁYIMA ENTDE HAPROLIIIL JAS ES) CAPACIDAD MÁXIMA ENTRE HORQUILLAS ET) KAHVLITE VAHELINE MAX. TÕSTEVÕIME

E MAKSIMINOSTOKYKY HAARUKOIDEN VÄLISSÄ RP CAPACITÉ MAXIMALE ENTRE LES FOURCHES GA UASCHUMAS IDIR NA GABHAIL EU MAXIMUM TEHERBIRÁS VILLÁK KÖZÖTT (S) HÁMARKS GETA MILLI GAFLA (T) PORTATA MASSIMA TRA LE FORCHE (A) フォーク間の最大容量 ((O) 王크 간 최대 용량

TMAKSIMALI GALIA TARP ŠAKIŲ CT) MAKSIMALI GALIA TARP SAKIU

MAKSIMĀLĀ CELTSPĒJA STARP DAKŠĀM

MD KAPACĪTĀ MASSIMA BEJN IL-FRIEKET

MAXIMUMCAPACITEIT TUSSEN VORKEN

MO MAKSIMALI KAPASITET MELLOM GAFLENE

MAKSYMALNY UDŽWIG POMIĘDZY WIDŁAMI

D CAPACIDADE MĀXIMA ENTRĒ GARFOS

CO CAPACITATEA MAXIMĀ ÎNTRE FURCI

RUМАКСИМАЛЬНАЯ ГРУЗОПОДЪЕМНОСТЬ МЕЖДУ ВИЛАМИ

SE MAXIMALINA NOSNOSŤ MEDZI VIDLICAMI SDNAJVEČJA ZMOGLJIVOST MED VILICAMI SVDMAXIMAL KAPACITET MELLAN GAFFLAR TR CATALLAR AI ZH 最大承载能力 ÇATALLAR ARASI YÜK MERKEZINDEKI



EN @ LOAD CENTER

(ES) @ CENTRO DE CARGA

(BG) B LIEHTЪРА НА НАТОВАРВАНЕ (ET) @ KOORMUSE RASKUSKESE

(CS) @ STŘED NÁKLADU

(ET) PAINOPISTEESSÁ

(DA) VED LASTCENTRUM

(ER) Q LOSTRED E CHARGE

(ED) (COPHOINTE

(ED) ΣΤΟ ΚΕΝΤΡΟ ΒΑΡΟΥΣ

(ED) (CENTRO DE CARGA

(ED) (CENTRO DE CAR

(\$)@ HLEÐSLUMIÐJA (T)@ BARICENTRO DEL CARICO JA @ 負荷の中心 (KO) @ 하중 중심 TIES KROVINIO CENTRU (LV) KRAVAS CENTRĀ

MD @ CENTRU TAT-TAGHBIJA ND BIJ LASTZWAARTEPUNT NO VED LASTEPUNKT PD @ ŚRODEK CIĘŻKOŚCI ŁADUNKU PD @ CENTRO DE CARGA (RO) LA CENTRUL DE GREUTATE

CD B LIEHTPE HAFPY3KM
SO V ŤAŽISKU NÁKLADU
SD @ SREDIŠČE OBREMENITVE
SD VID LASTENS MITTPUNKT
TD MAKSIMUM KAPASITE ZHD 载荷中心



ED MAXIMUM OPERATING PRESSURE
BÖ MAKCUMANHO PAGOTHO HANSITAHE
CS MAXIMÁLNÍ PROVOZNÍ TLAK
DA MAKSIMALT DRIFTSTRYK
DE MAXIMALER BETRIEBSDRUCK
ED METISTH TIESTH AEITOYPITAS
ES PRESIÓN DE FUNCIONAMIENTO MÁXIMA
ED MAKSIMAALNE TÖÖRÖHK

F) MAKSIMITOIMINTAPAINE
FD PRESSION DE SERVICE MAXIMALE
GA UASBHRÚ OIBRIÚCHÁIN
HD) MAXIMÁLIS ÜZEMI NYOMÁS
(S) HÁMARKS VINNUBRÝSTINGUR
T) PRESSIONE MASSIMA DI ESERCIZIO
(JA) 暑 大道香戶中 † (JA) 最大運転圧力 (KO) 최대 작동 압력

MAKSIMALUS EKSPLOATACINIS SLĖGIS V MAKSIMĀLAIS DARBA SPIEDIENS PRESSJONI MASSIMA TAL-OPERAT MD MAXIMUM WERKDRUK

MD MAKSIMALT DRIFŢSTRYKK PD MAKSYMALNE CIŚNIENIE ROBOCZE
PD PRESSÃO MÁXIMA DE FUNCIONAMENTO ROPRESIUNEA DE LUCRU MAXIMĂ

RDMAKCИMAЛЬНОЕ РАБОЧЕЕ ДАВЛЕНИЕ SK MAXIMÁLNY PREVÁDZKOVÝ TLAK SDNAJVEČJI DELOVNI TLAK SV MAXIMALT ARBETSTRYCK
TR MAKSIMUM İŞLETME BASINCI (ZH)最大工作压力



ED MASS OF ATTACHMENT
BG MACA HA ПРИСТАВКА
CS HMOTNOST PŘÍDAVNÉHO ZAŘÍZENÍ
DA UDSTYRS VĚCT ΦΕ ANBAUGERÄTGEWICHT GA MAIS AN FHEISTIS EL MAZA ΣΥΝΔΕΔΕΜΈΝΟΥ ΕΞΟΠΛΙΣΜΟΥ (HU) A SZERELÉK TÖMEGE

(ES) PESO DEL ACCESORIO ET TÖÖSEADME MASS (FI)LISÄLAITTEEN PAINO FR MASSE DE L'ACCESSOIRE (S) FJÖLDI TENGINGA (T) MASSA DELL'ATTREZZATURA (A) 装備総量 (の) 早本 ヨ기 TPRIEDO MASĖ VUZKARES IEKĀRTAS MASA

MT PIŻ TAL-ATTACHMENT ND MASSA VAN VOORZETAPPARAAT NO MASSE FOR TILLEGGSUTSTYR PD MASA OSPRZETU PD PESO DO ACESSÓRIO RO MASA ECHIPAMENTULUI ATAŞAT

RU МАССА НАВЕСНОГО ОБОРУДОВАНИЯ SID HMOTNOSŤ PRÍDAVNÉH SID MASA PRIKLJUČKA SV) AGGREGATETS VIKT TID EK DONANIM AĞIRLIĞI ÓHMOTNOSŤ PRÍDAVNÉHO ZARIADENIA ÓMASA PRIKLJUČKA



EN LOST LOAD CENTER DISTANCE
BO PA3CTORHIJE OT LIEHTEPA HA 3ALYBA HA HATOBAPBAHE
CS VZDÁLENOST POSUNUTÉHO STŘEDU NÁKLADU
DA REDUCERET LASTCENTERAFSTAND
DE VERLORENER ABSTAND ZUM LASTMITTELPUNKT
EN ATIOZTAZH ATIOZEZJENTOZ KENTPOY BAPOYZ
ES DISTANCIA A CENTRO DE CARGA PERDIDA
ET KOORMUSE RASKUSKESKME MUUTUS
FI KAPASITEETIHUKAN KESKIPESTEEN ETÄISYYS
ER DISTANCE CENTRE DE CHARGE PERDUE

GA) FAD LÓDPHOINTE CAILL, TE (T) SPESSORE EFFETTIVO JA 荷重中心消失 KO 손실 하중 중심 거리 TATITOLUSIO APKROVOS CENTRO ATSTUMAS
VZAUDĒTS ATTĀLUMS LĪDZ SLODZES CENTRAM
DISTANZA MIĆ-ĆENTRU TAT-TAGHBIJA MITLUFA (NL) VERLOREN AFSTAND TOT LASTZWAARTEPUNT

(W) TAPT LASTEPUNKTAVSTAND
(P) WIELKOŚĆ PRZESUNIĘCIA ŚRODKA CIĘŻKOŚCI ŁADUNKU
(P) DISTÂNCIA DO CENTRO DE CARGA PERDIDA
(R) DISTANŢA LA CENTRUL DE GREUTATE AL SARCINII
(R) DIOTEPЯHHOE PACCTOЯHNE ДО ЦЕНТРА HAГРУЗКИ
(S) ÚBYTOK VYLOŽENIA ŤAŽISKA S PRIDAVNÝM ZARIADENÍM
(S) DAZDAJ JA DO DEBMAKNIENIECA SPEDIČĚA ODEPLIENITYJE © RAZDALJA DO PERMAKNJENEGA SREDIŠČA OBREMENITVE SV) FÖRLORAT LASTMITTPUNKTSAVSTÅND ® KAYIP YÜK MERKEZ MESAFESI (ZH)荷载损耗中心距离



ED CENTER OF GRAVITY TO MOUNT FACE DISTANCE

(B) LIEHTSP HA TEXECTTA CIPPIMO PASCTORIMETO OT MOHTAWHATA VETHA NOBEPSHUHA

(CS) VZDÁLENOST STŘEDU NÁKLADU K ČELU RÁMU

(DA) AFSTANDEN MELLEM TYNGDEPUNKT OG MONTERINGSFLADEN

(DE) ABSTAND ZWISCHEN SCHWERPUNKT UND MONTAGEFLÄCHE

(ED) ANTOSTAZH KENTPOY BAPOYS ATIO THN IPPOZOWH BAZHS

(ES) DISTANCIA DE CENTRO DE GRAVEDAD A CARA DE MONTAJE

(ET) RASKUSKESKME KAUGUS EESMISEST KINNITUSPINNAST

(F) PAINOPISTEEN ETÄISYYS KIINNITYSPINNASTA

(FR) DISTANCE CENTRE DE GRAVITÉ-FACE DE MONTAGE

FR DISTANCE CENTRE DE GRAVITÉ-FACE DE MONTAGE

GA) FAD IDIR AN MEÁCHANLÁR AGUS AN ÉADAN FEISTE HID SÚLYPONT - SZERELŐFELÜLET TÁVOLSÁG (S) MIÐJA ÞYNGDARAFLS TIL AÐ HLAÐA ÚR LÍKAMSFJARLÆGÐ (T) CENTRO DI GRAVITA' DAL PIANO DI AGGANCIO (JA) マウント面への重心 (() 장착 면 거리에 대한 중력 중심 (LT) ATSTUMAS NUO SUNKIO JEGOS CENTRO KI PAGRINDO PRIEKINĖS PUSĖS LV ATTĀLUMS NO SMAGUMA CENTRA LĪDZ UZSTĀDĪŠANAS VIRSMAI MD ĆENTRU TA' GRAVITĀ SAD-DISTANZA MOUNT FACE

(NL) AFSTAND TUSSEN ZWAARTEPUNT EN MONTAGEVLAK

NO AVSTAND TYNGDEPUNKT TIL MONTERINGSFLATE PD ODLEGŁOŚĆ OD ŚRODKA CIĘŻKOŚCI DO CZOŁA ZAWIESZENIA PT DISTÂNCIA DO CENTRO DE GRAVIDADE À SUPERFÍCIE DE MONTAGEM RO DISTANȚA DE LA CENTRUL DE GREUTATE LA SUPRAFAȚA DE MONTARE RD PACCTOЯНИЕ ОТ ЦЕНТРА ТЯЖЕСТИ ДО УСТАНОВОЧНОЙ ПОВЕРХНОСТИ (RD) PACUICHME OI LEHIPA INACUNIDUS CHANDOUTION IOBEPAUCINI (SI) VZDIALENOSŤ ŤAŽISKA OD ČELNEJ STRANY UCHYTENIA (SI) RAZDALJA TEŽIŠĆA OD SPREDNJE MONTAŽNE STRANI (SI) AVSTÁND TYNGDPUNKT TILL MONTERINGSYTA (TB) AĞIRLIK MERKEZI ILE FORK YÜZÜ ARASI MESAFE (土) 重心到安装面的距离



EN YEAR OF MANUFACTURE
BO ΓΟДИНА НА ПРОИЗВОДСТВО
CS ROK VÝROBY
DA PRODUKTIONSÁR
DE JAHR DER HERSTELLUNG
EL ΕΤΟΣ ΚΑΤΑΣΚΕΥΗΣ

ES AÑO DE FABRICACIÓN
ED VALMISTAMISAASTA
FD VALMISTUSVUOSI
FR ANNÉE DE FABRICATION
GA BLIAIN DÉANTÚSAÍOCHTA
HD A GYÁRTÁS ÉVE

S FRAMLEIÐSLUÁR T ANNO DI FABBRICAZIONE JA 製造年度 KO 제조년 LT PAGAMINIMO METAI (LV) RAŽOŠANAS GADS

MDSENA TA' MANIFATTURA NDBOUWJAAR NO PRODUKSJONSÅR PDROK PRODUKCJI (PT) ANO DE FABRICO RO ANUL DE FABRICAȚIE

RD ГОД ИЗГОТОВЛЕНИЯ SK ROK VÝROBY SD LETO IZDELAVE SD TILLVERKNINGSÅR (TR) ÜRETIM YILI (ZH) 制造年份



- CAPACITY OF TRUCK AND ATTACHMENT COMBINATION MAY BE LESS THAN ATTACHMENT CAPACITY SHOWN. CONSULT TRUCK NAMEPLATE. THE CAPACITY OF THE TRUCK AND ATTACHMENT COMBINATION SHALL BE COMPLIED WITH.
- КАПАЦИТЕТЪТ НА СЪЕДИНЕНИТЕ ПОВДИГАЧ И ПРИСТАВКА МОЖЕ ДА БЪДЕ ПО-МАЛЪК ОТ ДАДЕНИЯ КАПАЦИТЕТ НА ПРИСТАВКАТА. ВИЖТЕ ТАБЕЛКАТА НА ПОВДИГАЧА. ТОВАРОПОДЕМНОСТТА НА КАРА И КОМБИНАЦИЯТА ОТ ПРИСТАВКИ ТРЯБВА ДА СЪОТВЕТСТВАТ. **BG**
- OS NOSNOST KOMBINACE VOZÍKU S PŘÍDAVNÝM ZAŘÍZENÍM MŮŽE BÝT MENŠÍ NEŽ UVEDENÁ NOSNOST PŘÍDAVNÉHO ZAŘÍZENÍ. PROHLÉDNĚTE SI ŠTÍTEK VOZÍKU. NOSNOST KOMBINACE VOZÍKU A PŘÍDAVNÉHO ZAŘÍZENÍ NESMÍ BÝT PŘEKROČENA.
- DEN SAMLEDE KAPACITET FOR TRUCKEN OG DET PÅMONTEREDE TILBEHØR KAN VÆRE MINDRE END DEN VISTE KAPACITET FOR TILBEHØRET. SE TRUCKENS NAVNEPLADE. KOMBINATIONEN AF TRUCKENS KAPACITET OG TILBEHØRET SKAL OVERHOLDES.
- CED DIE TRAGKRAFT DER KOMBINATION AUS STAPLETE IN GYBERDRET SKALE VVERRIGLEDE.

 DIE TRAGKRAFT DER KOMBINATION AUS STAPLER UND ANBAUGERÄT KANN GERINGER SEIN ALS DIE ANGEGEBENE NENNTRAGFÄHIGKEIT. SIEHE TYPENSCHILD. DIE TRAGFÄHIGKEIT DER STAPLER-ANBAUGERÄT-KOMBINATION MUSS DAMIT ÜBEREINSTIMMEN.

 EI Η ΧΩΡΗΤΙΚΟΤΗΤΑ ΤΟΥ ΟΧΗΜΑΤΟΣ ΚΑΙ ΣΥΝΔΥΑΣΜΟΥ ΕΞΑΡΤΗΜΑΤΩΝ ΕΝΔΕΧΕΤΑΙ ΝΑ ΕΙΝΑΙ ΧΑΜΗΛΟΤΕΡΗ ΑΠΟ ΤΗ ΧΩΡΗΤΙΚΟΤΗΤΑ ΤΟΥ ΕΞΑΡΤΗΜΑΤΟΣ ΣΤΟ ΠΑΡΑΔΕΙΓΜΑ. ΣΥΜΒΟΥΛΕΥΤΕΙΤΕ ΤΗΝ ΕΤΙΚΕΤΑ ΟΧΗΜΑΤΟΣ. Η ΙΚΑΝΟΤΗΤΑ ΤΟΥ ΟΧΗΜΑΤΟΣ ΚΑΙ ΤΟΥ ΣΥΝΔΕΔΕΜΕΝΟΥ ΕΞΟΠΛΙΣΜΟΥ ΠΡΕΠΕΙ ΝΑ ΕΙΝΑΙ ΣΥΜΒΑΤΕΣ.
- (ES) LA CAPACIDAD COMBINADA DE CARRETILLA Y ACCESORIO PUEDE SER MENOR QUE LA CAPACIDAD DEL ACCESORIO INDICADA. CONSULTE LA PLACA DE CARACTERÍSTICAS DE LA CARRETILLA. DEBE CUMPLIRSE LA CAPACIDAD COMBINADA DE CARRETILLA Y ACCESORIO.
- (E) LAADURI JA TÖÖSEADME KOMBINATSIOONI JÕUDLUS VÕIB OLLA VÄIKSEM KUI TÖÖSEADME NÄIDATUD JÕUDLUS. VAADAKE LAADURI ANDMEPLAATI. LAADUR JA TÖÖSEADE PEAVAD OLEMA ÜKSTEISEGA VASTAVUSES.
- (FI) TRUKKI- JA LISÄLAITEYHDISTELMÄN KAPASITEETTI VOI OLLA PIENEMPI KUIN LISÄLAITTEEN ILMOITETTU KAPASITEETTI. KS. TRUKIN ARVOKILPI. TRUKIN JA LISÄLAITTEEN YHDISTELMÄN NOSTOKYKYÄ ON NOUDATETTAVA.
- (R) LA CAPACITE DE LA COMBINAISON CHARIOT/ACCESSOIRE PEUT S'AVERER INFERIEURE À CELLE INDIQUEE POUR L'ACCESSOIRE. SE REPORTER À LA PLAQUE SIGNALETIQUE DU CHARIOT. RESPECTER LA CAPACITÉ DU CHARIOT ET DE L'ACCESSOIRE COMBINÉS.

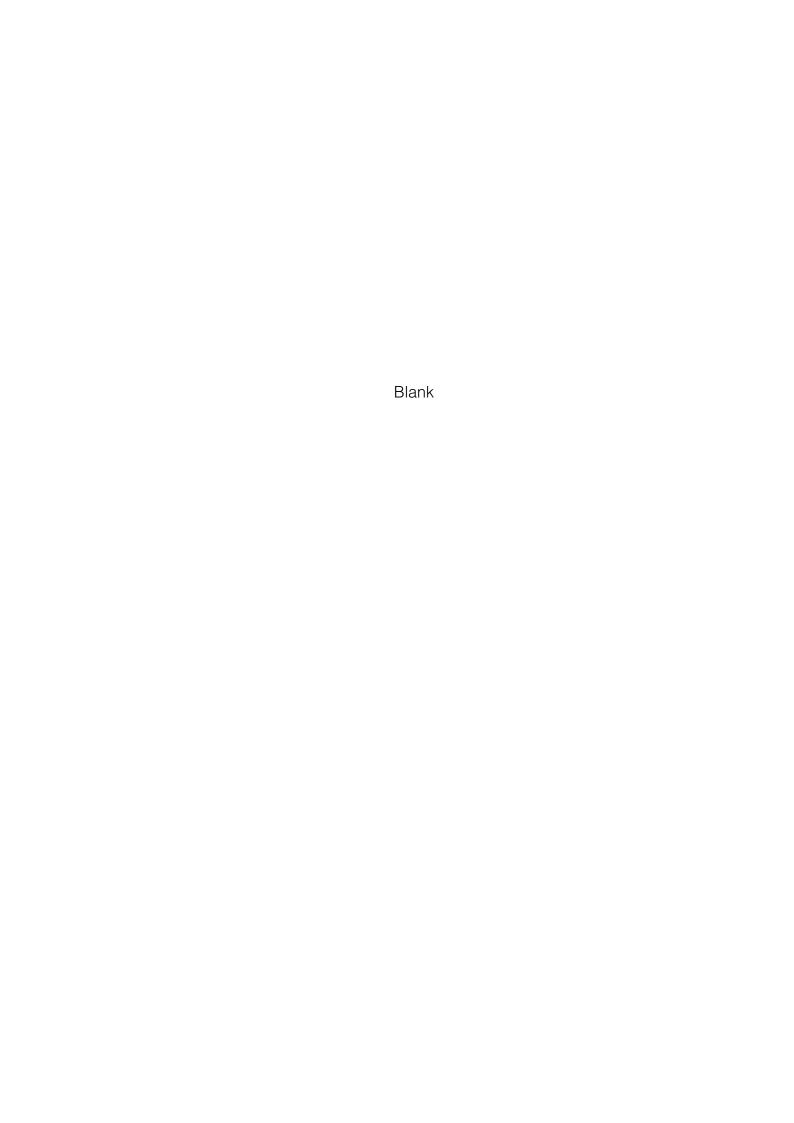
 (A) D'FHÉADFADH NÍOS LÚ CUMAIS A BHEITH AG AN TRUCAIL AGUS FEISTEAS NÁ AN CUMAS FEISTIS A THAISPEÁNTAR. FÉACH AR AINMCHLÁR NA TRUCAILE. CLOÍFEAR LE CUMAS NA
- TRUCAILE AGUS AN CHOMHCHEANGAL FEISTIS.
- (HD) A TARGONCA ÉS A TARTOZÉK KOMBINÁCIÓ KAPACITÁSA LEHET, HOGY KEVESEBB, MINT AZ ÁBRÁZOLT TARTOZÉK KAPACITÁSA. LÁSD A TARGONCA ADATTÁBLÁN. A TARGONCA ÉS SZERELÉK KOMBINÁCIÓ TEHERBÍRÁSÁNAK ELEGET KELL TENNIE ENNEK.
- (S) GETA VÖRUBÍLS OG VIÐHENGISVIÐBÓTAR GETUR VERIÐ MINNI EN GETA VIÐHENGIS ER SÝND. RÁÐFÆRIÐ YKKUR VIÐ NAFNASKILTI VÖRUBÍLSINS. ÞAÐ Á AÐ FYLGJA GETU VÖRUBÍLSINS OG VIÐHENGISVIÐBÓTINNI.
- (II) LA PORTATA DELLA COMBINAZIONE CARRELLO/ATTREZZATURE PUÒ ESSERE INFERIORE RISPETTO ALLA PORTATA DELLE ATTREZZATURE DICHIARATA. CONSULTARE LA TARGHETTA DEL CARRELLO. DEVE ESSERE RISPETTATA LA PORTATA DELLA COMBINAZIONE CARRELLO ELEVATORE/ATTREZZATURA.
- (JA) フォークリフトの能力と装備の組み合わせは示されている装備の能力より低い場合があります。 フォークリフトのネームプレートを相談、トラックの容量と装備の組み合わせとは実施済み。.
- 【⑥ 트럭 및 부착 결합물의 용량은 표시된 부착물 용량보다 적을 수 있습니다. 트럭 명판을 참조하십시오. 트럭 및 부착물 결합의 용량을 준수해야 합니다.
- (T) KRAUTUVO IR PRIEDO DERINIO GALINGUMAS GALI BŪTI MAŽESNIS NEGU NURODYTAS PRIEDO GALINGUMAS. SKAITYKITE INFORMACIJĄ KRAUTUVO INFORMACINĖJE PLOKŠTELĖJE.
- BŪTINA NEVIRŠYTI KRAUTUVO IR PRIEDO DERINIO GALIOS.

 (IV) AUTOIEKRĀVĒJA UN PIEDERUMA KOPĒJĀ CELTSPĒJA VAR BŪT MAZĀKA PAR NORĀDĪTO PIEDERUMA CELTSPĒJU. SKATĪT AUTOIEKRĀVĒJA TEHNISKO DATU PLĀKSNĪTI. IR
 JĀIEVĒRO AUTOIEKRĀVĒJA UN UZKARES IEKĀRTAS KOPĒJĀ CELTSPĒJA.
- (MT) IL-KAPAĆITÀ TAT-TRAKK U TAT-TAGHMIR IMQABBAD MIEGHU TISTA TKUN INQAS MILL-KAPAĆITÀ MURIJA TAT-TAGHMIR IMQABBAD MIEGHU. IĆĆEKKJA L-PJANĆA TAL-ISEM TAT-TRAKK. IL-KAPAĆITÀ TAT-TRAKK FLIMKIEN MA' DIK TAT-TAGHMIR IMQABBAD MIEGHU TRID TIĠI SSODISFATA.
- HET DRAAGVERMOGEN VAN DE COMINATIE VAN HEFTRUCK EN VOORZETAPPARAAT KAN LAGER ZIJN DAN HET VERMELDE DRAAGVERMOGEN VAN HET VOORZETAPPARAAT. KIJK OP HET TYPEP LAATJE VAN DE HEFTRUCK. MET DE CAPACITEIT VAN DE COMBINATIE VAN TRUCK EN VOORZETAPPARAAT WORDT REKENING GEHOUDEN.

 TOTAL KOMBINERT KAPASITET FOR GAFFELTRUCK OG TILBEHØR KAN VÆRE MINDRE ENN ANGITT KAPASITET FOR TILBEHØRET. SE GAFFELTRUCKENS NAVNEPLATE. DEN TOTALE
- KAPASITETEN FOR GAFFELTRUCK OG TILLEGGSUTSTYR KOMBINERT MÅ OVERHOLDES.
- (E) UDŹWIG ZESPOŁU WÓZKA I OSPRZĘTU MOŻE BYĆ MNIEJSZY NIŻ POKAZANY UDŹWIG OSPRZĘTU. PATRZ TABLICZKA ZNAMIONOWA WÓZKA. NALEŻY PRZESTRZEGAĆ
- DOPUSZCZALNEGO UDŹWIGU ZESPOŁU WÓZKA I OSPRZĘTU.

 (P) A CAPACIDADE DA COMBINAÇÃO DO EMPILHADOR E DO ACESSÓRIO PODE SER INFERIOR À CAPACIDADE DO ACESSÓRIO APRESENTADA. CONSULTE A CHAPA DE ESPECIFICAÇÕES DO EMPILHADOR. CAPACIDADE DO CAMINHÃO E COMBINAÇÃO DE PENHORA DEVE SER RESPEITADO.
- (AD) CAPACITATEA VEHIĆULULUI ŞI A COMBINAȚIEI DISPOZITIVELOR DE PRINDERE POATÉ FI MAI MICĂ DECÂT CAPACITATEA DISPOZITIVELOR DE PRINDERE INDICATĂ. CONSULTAȚI PLĂCUȚA CU CARACTERISTICILE TEHNICE ALE STIVUITORULUI. CAPACITATEA COMBINAȚIEI STIVUITOR - ECHIPAMENTE ATAȘATE TREBUIE RESPECTATĂ.
- (SK) NOSNOSŤ VOZÍKA A PRÍDAVNÉHO ZARIADENIA MÔŽE BYŤ MENŠIA AKO UVEDENÁ NOSNOSŤ PRÍDAVNÉHO ZARIADENIA. BLIŽŠIE INFORMÁCIE UVEDENÉ NA TYPOVOM ŠTÍTKU VOZÍKA. NOSNOSŤ VOZÍKA S PRÍDAVNÝM ZARIADENÍM BUDE DODRŽANÁ
- SD ZMOGLJIVOST KOMBINACIJE VILIČARJA IN OPREME JE LAHKO MANJŠA OD PRIKAZANE ZMOGLJIVOSTI OPREME. UPOŠTEVAJTE NAPISNO PLOŠČICO VILIČARJA. UPOŠTEVATI JE POTREBNO ZMOGLJIVOST KOMBINACIJE VILIČARJA IN OPREME.
- (SV) KAPACITETEN FÖR KOMBINATIONEN GAFFELTRUCK OCH AGGREGAT KAN VARA MINDRE ÄN ANGIVEN KAPACITET. LÄS GAFFELTRUCKENS TYPSKYLT. KAPACITETEN FÖR KOMBINATIONEN GAFFELTRUCK OCH AGGREGAT SKA FÖLJAS.
- (TR) ARAÇ KAPASİTESI VE DONANIM KOMBINASYONU, GÖSTERİLEN DONANIM KAPASİTESINDEN DÜŞÜK OLABILIR. ARAÇ BILGI ETIKETINE BAŞVURUN. ARAÇ KAPASİTESI VE DONANIM KOMBINASYONU UYUMLU OLMALIDIR.
- (ZH) 叉车与叉车属具的综合承载能力可能小干显示的叉车属具承载能力。请参考叉车铭牌。 应符合叉车与叉车属具的综合承载能力。

6914838 (EN)



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