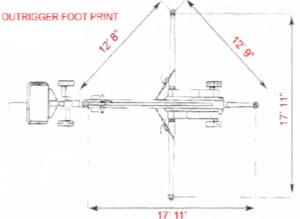


Globe Window Cleaning, Inc. DENKA ATRIUM LIFT RENTAL

DENKA 90' SELF PROPELLED ATRIUM LIFT RENTAL

Specialized self propelled Denka Atrium lift with a 91 foot high reach. This battery driven, light weight, maneuverable lift can fit through a regular 36" door and is essential for many jobs, including atriums, churches and shopping malls.



We rent the Denka atrium lift daily, weekly, and monthly and can even provide a lift operator for you if needed. The Denka has been very useful especially in churches, shopping malls, sports facilities, high atriums and in any building with restrictions as to size of door opening, maneuverability and type of flooring.

Globe Window Cleaning, Inc.

4051 Business Park Drive Columbus, Ohio 43204

614-586-1056



DENKA SPECIFICATIONS:

MAXIMUM WORK HEIGHT 91'
MAXIMUM PLATFORM HEIGHT 85'
MAXIMUM CAPACITY 440lbs
MAXIMUM OUTREACH 37'
MINIMUM LENGTH 19'6'
MINIMUM HEIGHT 6'6'

MINIMUM WIDTH 34.5'
OVERALL WEIGHT 5830lbs
(Listed Weight Includes 180 lb Self Propelled Drive)

ADVANTAGES

BATTERY OPERATED
COMPACT FOOTPRINT
EASY TO MANEUVER
LOW SURFACE PRESSURE
SELF PROPELLED
COMPACT SIZE
FITS THROUGH DOOR
SHORT-TERM RENTAL
LONG TERM RENTAL
OPERATOR AVAILABLE

40FT

Meda by: Per Bøwe It Møller

DENKA-LIFT

Calculation of maximum surface pressur : DKN3MK25/28

In this occument, the maximum surface pressure beneath a DKN3MK25/2 lift's base plate (page 1) as well as under each tire (pa e 2) is calculated.

The res alts are shown in three common units.

Facts DKN3MK25/28

Total w sight of the lift

mun := 2650-kg

min = 5842.2 lb

Roung base plate

Base c ate's diameter

d_{fod} := 140-mm

Area o foot plates

Afod := # dfod2

>> Afod = 15393.8 mm

Ajod = 24 in2

Squen base plate

Base c ate's length

fod trap := 400-mm

Base c ate's width

bfod tree = 400-mm

Area o foot plates

Afod trae := Ifod trae bfod trae

Atod tree = 160000 mm2

Afod_tree = 248 in²

Calculations

Maxim im force that can be reached beneath a base plate

Ffod := 75-%-min-9

Ffod = 19491 N

This re :ults in a surface pressure with round foot pla res of:

This results in a surface pressure when the wooden plates are placed beneath the foot plates of:

$$p_{fod} = \frac{F_{fod}}{A_{fod}} \Rightarrow p_{fod} = 1.27 \frac{N}{mm^2}$$

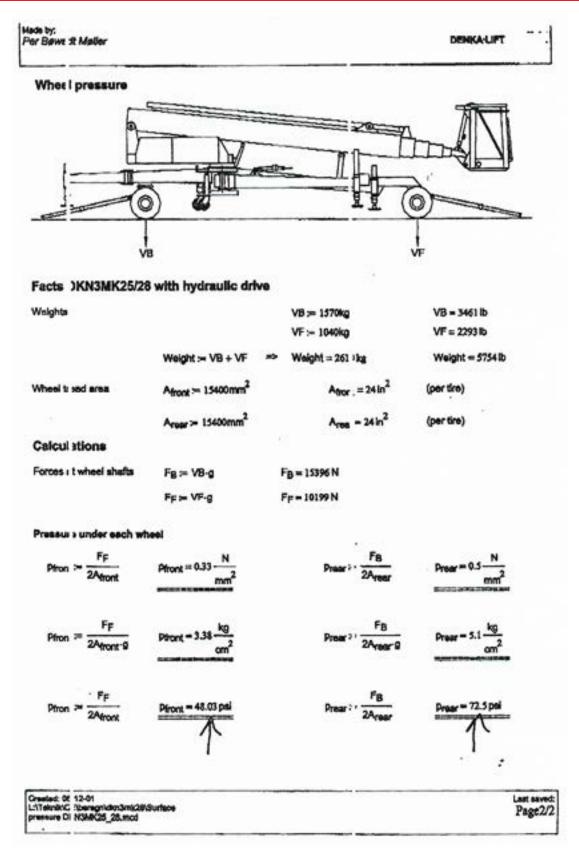
$$p_{tod} := \frac{F_{tod}}{A_{fod} \cdot g} \implies p_{tod} = 0.129 \frac{kg}{mm^2}$$

Created: 08 12-01 L:\Teknik\C: \beregn\dion3mi\26\Surface pressure Di-N3MK25_28.mcd

Last saved Page1/2

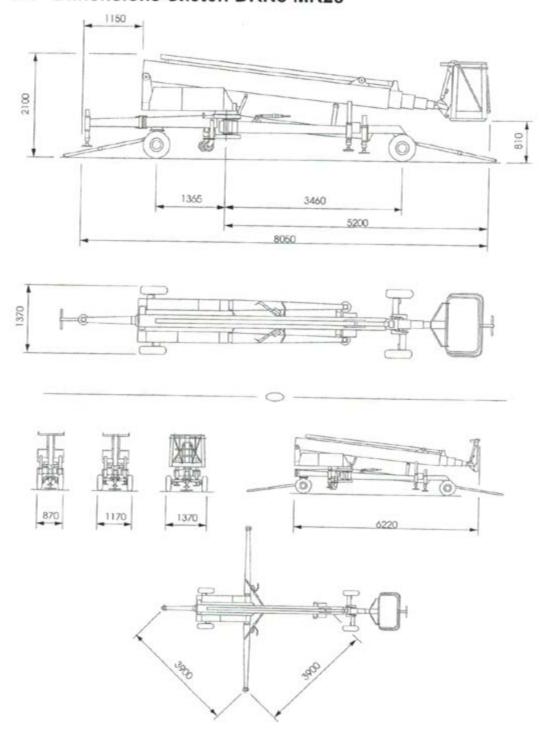
:







9.4 Dimensions Sketch DKN3 MK28

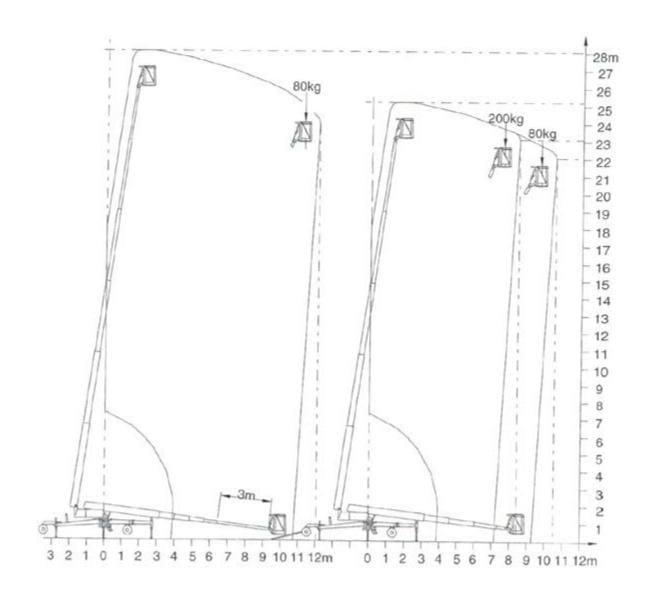


Operator's Manual for DKN3 MK4/9/24/25/28 US version

Page 49 of 54



9.5 Working Diagram DKN3 MK28



Operator's Manual for DKN3 MK4/9/24/25/28 US version

Page 54 of 54