

BRONTO SKYLIFT F34 RPX

MERCEDES-BENZ ECONIC 2635 L ENA 6x2/4



General arrangement drawing Outreach diagram

O2014-901-00-0-01_0
R020201B valid 360 degrees

Year of manufacturing

2017

Chassis number

WDB9560331V246711

Serial number superstructure

56980

Milage

12.550 km

PTO hours

1058 hrs

RPM up hours

421 hrs

Chassis

Engine

Mercedes-Benz Econic 2635 L ENA 6x2/4

Engine power

diesel, OM936 LA, 7,7 liter, Euro 6, AdBlue

Engine torque

260 kW (354 BHP) at 2.200 rpm

Transmission

1.400 Nm at 1.200 - 1.600 rpm

Suspension

Allison with torque converter

Wheel base

air / air

Crew

3.900 + 1.350 mm

2

Superstructure

Operating system

Bronto Skylift F34 RPX

Cage floor height

Bronto 5+

Working height

32 m

Max. cage load

34 m

Max. outreach

500 kg (useable)

Max. windspeed

approx. 26 m

Cage rotation

12.5 m/s

Bodywork

2 x 50°

Monitor

Bronto, aluminium

Hydraulic remote controlled, max.3.800 l/min

Firefighting pump

Pump drive

Godiva P1 4010

Pump controls

hydraulic via 2nd PTO

via Bronto 5+ (integrated in platform controls)

Cage camera system

Camera controls

Zoom and TIC on pan-and-tilt unit

via Bronto 5+ (integrated in platform controls)

Via integrated wifi module

Other equipment

- Radio remote control for the boomset
- 6.5 kVA hydraulic driven generator
- Foldable universal stretcher carrier fixed in the cage
- Divers ladder
- Open mesh cage floor
- Breathing air system from turntable to cage with control at main control station and low pressure warning through Bronto+ control system
- Blue spot outrigger positioning lights
- 360° bird view vehicle camera system
- Battery charger with 230V DEFA shore connection
- Skyliftfleet.com
- Blue and amber warning signal on cabin, grille and rear
- Double Martin two tone air horns
- 24V LED lights for boomset illumination
- 2 x 230V / 20.000 lumen FRC LED flood lights to the sides of the cage
- 2 x 230V / 20.000 lumen FRC LED flood lights underneath the cage

Dimensions

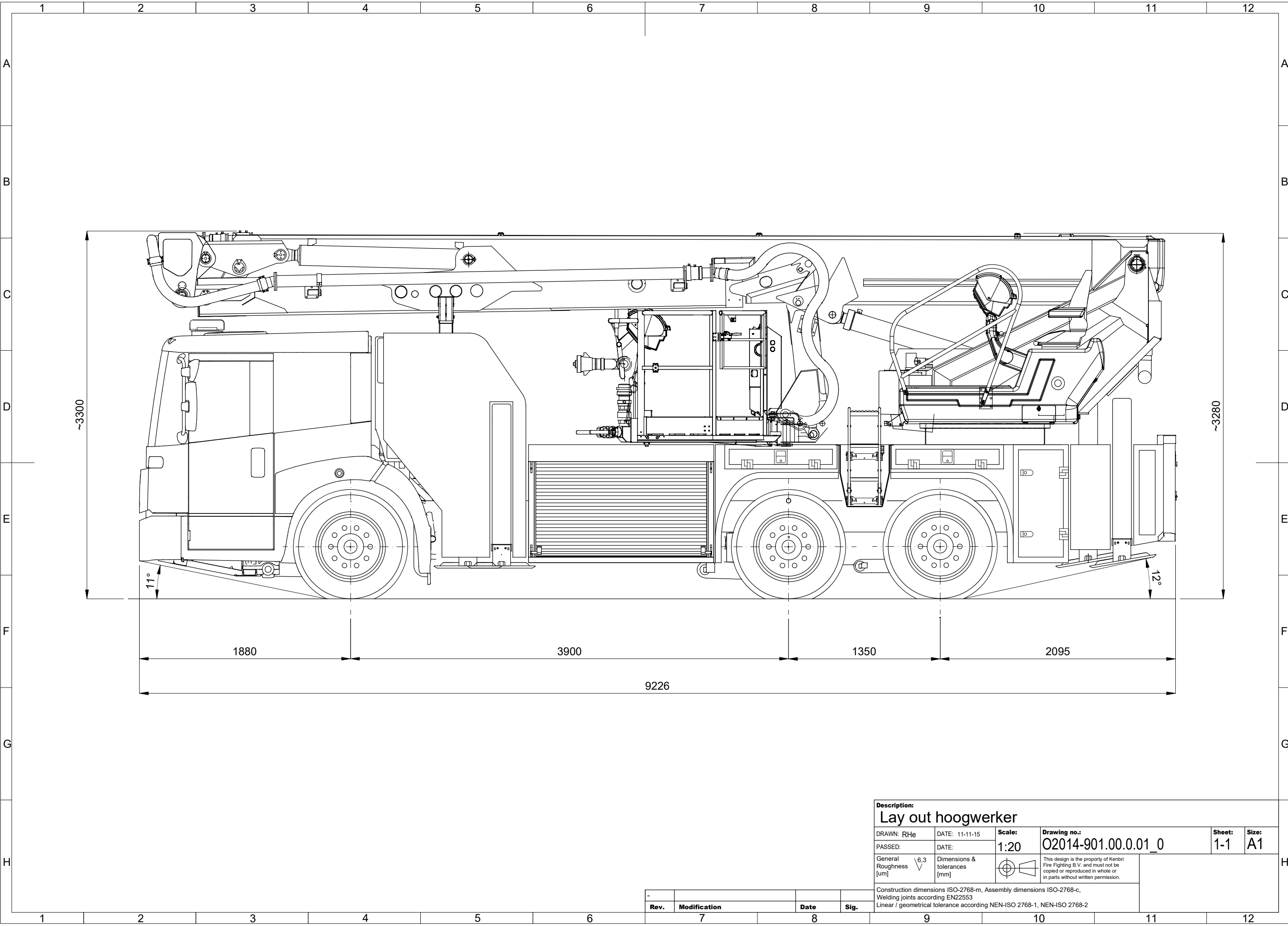
Length	9.225 mm
Travelling height	3.300 mm
Width	2.500 mm
Min, outrigger width c-c	2.600 mm
Max. outrigger width c-c	5.400 mm

Weights

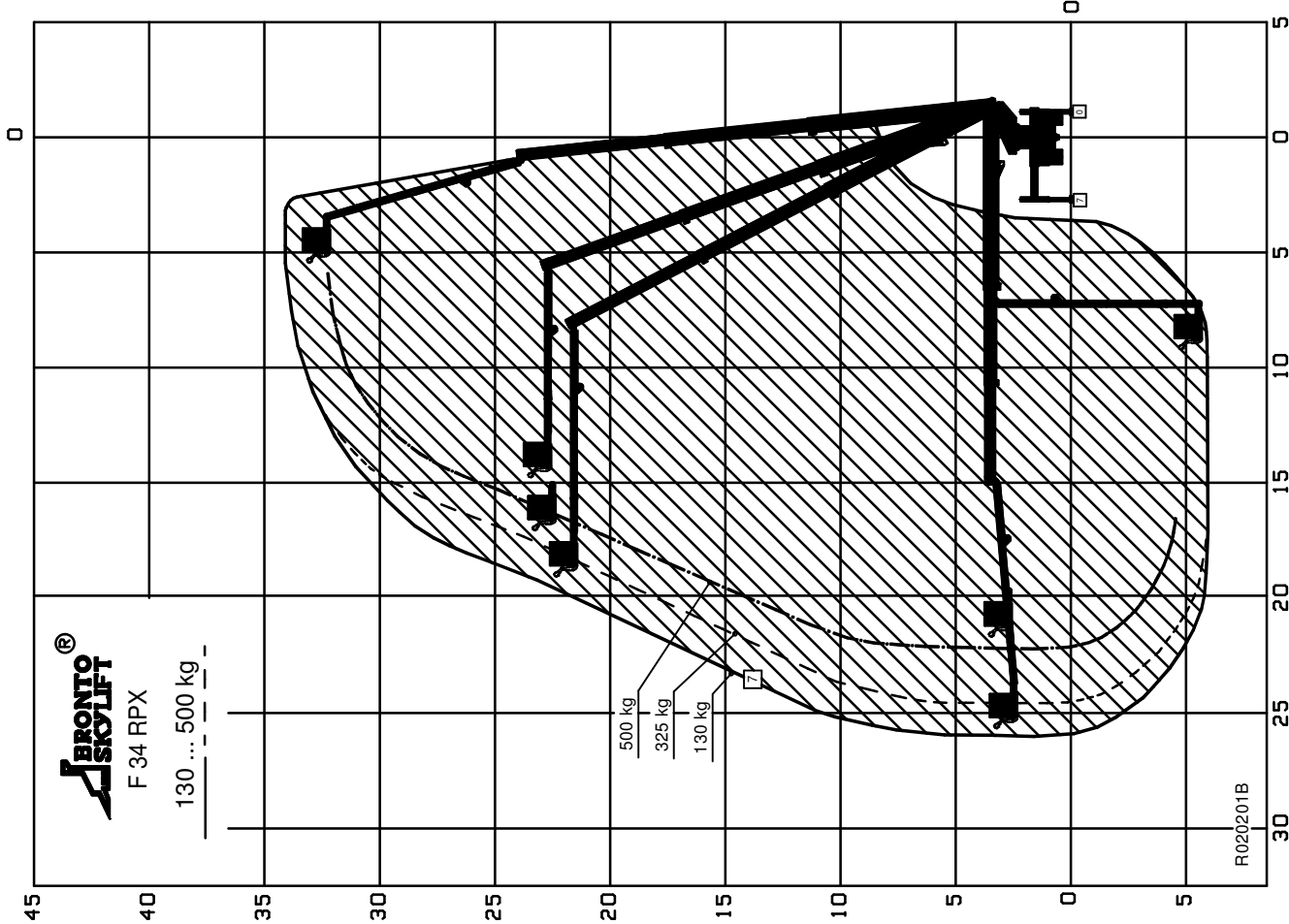
Storage weight	approx. 22.500 kg
Operational	approx. 22.680 kg
GVW	27.000 kg

Standards

EN 1846-1/-2/-3 (where applicable)
EN 1777



Description:					
Lay out hoogwerker					
DRAWN: RHe	DATE: 11-11-15	Scale: 1:20	Drawing no.: O2014-901.00.0.01_0	Sheet: 1-1	Size: A1
PASSED:	DATE:				
General Roughness [µm]	6,3 √ Dimensions & tolerances [mm]		This design is the property of Kenbri Fire Fighting B.V. and must not be copied or reproduced in whole or in parts without written permission.		
Construction dimensions ISO-2768-m, Assembly dimensions ISO-2768-c, Welding joints according EN22553 Linear / geometrical tolerance according NEN-ISO 2768-1, NEN-ISO 2768-2					



TECHNICAL DATA

Safe working load max. : 500 kg
 Waterpipe, NO ladder : 12.5 m/s
 Max. permitted wind speed : 24 ton
 Typical GVW : 22 ton
 min. operating weight : 5.4/5.9 m
 Outrigger width and length c/c : 3.8/5.9 m
 - normal jacking : 2.6/5.9 m
 - one side jacking :
 - narrow jacking :
 Calculation code :

PRELIMINARY

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 BRONTO SKYLIFT OY AB
 Tampere Finland

ULOTTUVUUSKAAVIO
 RÄCKVIDDSDIAGRAM
 OUTREACH DIAGRAM
 ARBEITSDIAGRAM
 DIAGRAMA DE TRABAJO
РАБОЧАЯ СХЕМА

1 : 225 (A3)		BRONTO SKYLIFT		F 34 RPX	
CODE: O		OUTREACH DIAGRAM		Tek	
		SWL 500 KG		Hyy.	
				Kke	
				2017-02-23	
				REV	
				DWG NUMBER	
				R020201B	
				BRONTOCAD	









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