

Specifications

WOWMAKER M130



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Validity of this document:

The release status of this user manual is shown on the title page and is only valid in connection with a WOWMaker of the same release status.
You can also find an overview at www.wowmaker.de/release.
Subject to technical changes.

Static calculation from June 15, 2018, SuS-Ingenieure GmbH, Ettlingen
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I. Features and Specifications

Model name	WOWMAKER M 130
Description	Complete mobile 130 Zoll LED full-HD system with Lifter and Flightcase
Display technology	Samsung, Series IF1.5
Cover, Lifter, Flightcase	caleg Schrank und Gehäusebau GmbH
Display size	2895mm x 1635mm
Display diagonal	3300mm (130 Zoll)
Active display area	2880mm x 1620mm
Adjustable lower display edge (Lifter)	From 100mm to 1350mm
Base area (foot plate)	1750mm x 820mm
Required floor space	3020mm x 1000mm
Clearance height (Lifter)	From 1735mm to 2985mm
Resolution	1920px x 1080px
Pixel pitch	1.5mm
Max. brightness	800cd/m ² (nit); Dynamic peaking 1.600cd/m ² (nit)
Viewing angle	160° horizontal and 160° vertical
Image quality options	HDR, dynamic peaking
Video rate	50/60Hz
S-Box (UHD processor)	Can be operated with HDBaseT
Input options	2x USB, 1x RS232C, 2x HDMI, 1x DP, 1x RJ45
Output options	DP, HDBT, Digital Audio Out (Optical)
Voltage input	220V – 240V / 50Hz
Power consumption	Max.: 3.6KW; Average value: 1.2KW
Line fuse	One 16A line or two 10A lines (see Page 25)
Total weight (with Flightcase)	750kg (floor load: 600kg/m ²)
Transport dimensions (with Flightcase)	1970mm x 3020mm x 841mm (HxWxD)
Number of people required for assembly/transport	2 people
Required loading equipment	Loadable with 7.5t truck with tail lift
Clear dimensions for transport	Door opening size 2000mm x 850mm (HxW), maneuvering clearance after door: 3300mm

SERVICE CONTACTS	
SAMSUNG S-Box, LED display	
Software	Phone (D) 0800 58 95 347, Mail dssc@samsung.com
Hardware and repairs	Phone +49 (0)3591 27 220, Mail samsung-led@letmerepair.com
Studiolifter and Flightcase	caleg Schrank und Gehäusebau GmbH Phone +49 6893 89 470, Mail your@wowmaker.de

IF SERIES – IF015H

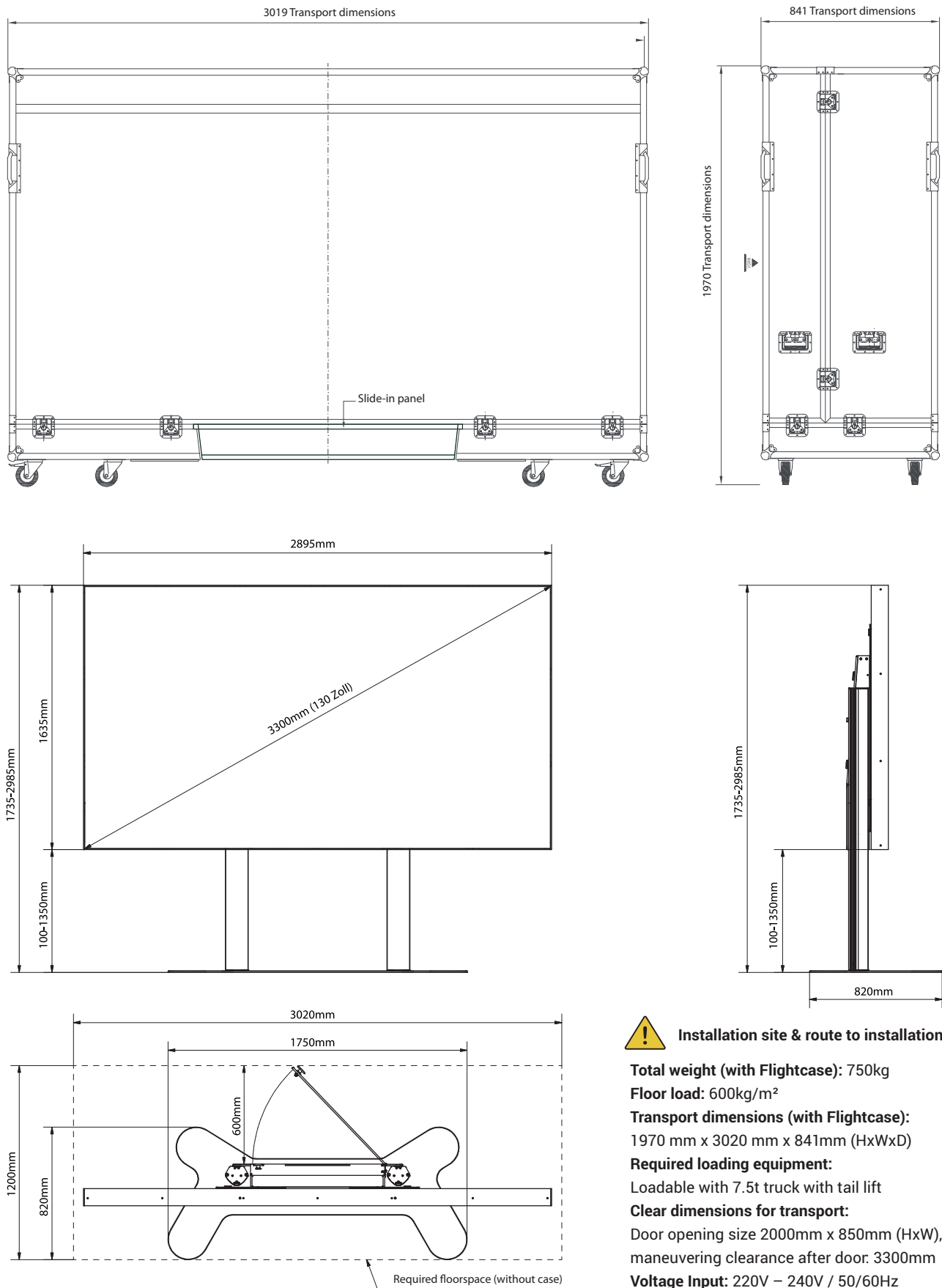
Physical Parameter	
Pixel pitch	1.5mm
Pixel density	444,444m ² / 41,290ft ²
Diode type	Surface Mount Device (SMD)
Optical Parameter	
Max brightness (after calibration)	800nit; Dynamic Peak 1.600nit
Contrast ratio	5,000:1
Viewing angle – horizontal	160°
Viewing angle – vertical	160°
Bit depth	16bit per Color
Color temperature – default	6,500K
Color temperature – adjustable	2,800 – 10,000K (use S/BOX)
Video rate	50/60Hz
Electrical Parameter	
Input power	100~240VAC, 50/60Hz
Power consumption – max	770 (W/m ²) / 200 (W/Cabinet)
Heat generation – max (BTU/SF)	24.5 BTU/SF per hour
Refresh rate	1,920Hz ~ 3,840Hz
Operations Conditions	
LED lifetime	100,000 hours
Certification Service	
Service	Front Service and/or Rear Service

S-BOX – SNOWJ3U / Basic Model Code SBB-SNOWJ3U/**

Feature	
Resolution	UHD (3840 X 2160)
S/W platform	Tizen 2.4
Log function	Supported
Image quality enhancing	HDR, Dynamic Peaking
Diagnostics	Supported
Ethernet	Supported
Input signal	DP 1.4, HDMI 2.0 port x 2, USB
Output signal	DP, HDBT
MagicInfo solution	Supported (CMS/Diagnostics)
Bit-depth (bit)	16bit (RGB 4:4:4)
Refresh rate	50/60Hz
Power	
Power consumption (max, W/m ²)	66W
Power consumption (typical, W/m ²)	60W
Operation	
Working temperature	0°C~40°C (32°F to 104°F)
Operation humidity	10% ~ 80%
Mechanical Spec	
Set without stand	422.4x38.3x221.1mm
Set weight without stand	2.65kg
I/G Card	
Resolution	FHD
Input signal	HDBT
Output signal	Vby1
Log function	Supported
Bit-depth	10bit (RGB 4:4:4)
Refresh rate	50/60Hz
Working temperature	0°C~40°C (32°F to 104°F)
Operation humidity	10% ~ 80%

(Except Accessories)

II. Drawings



Installation site & route to installation site

Total weight (with Flightcase): 750kg

Floor load: 600kg/m²

Transport dimensions (with Flightcase):

1970 mm x 3020 mm x 841mm (HxWxD)

Required loading equipment:

Loadable with 7.5t truck with tail lift

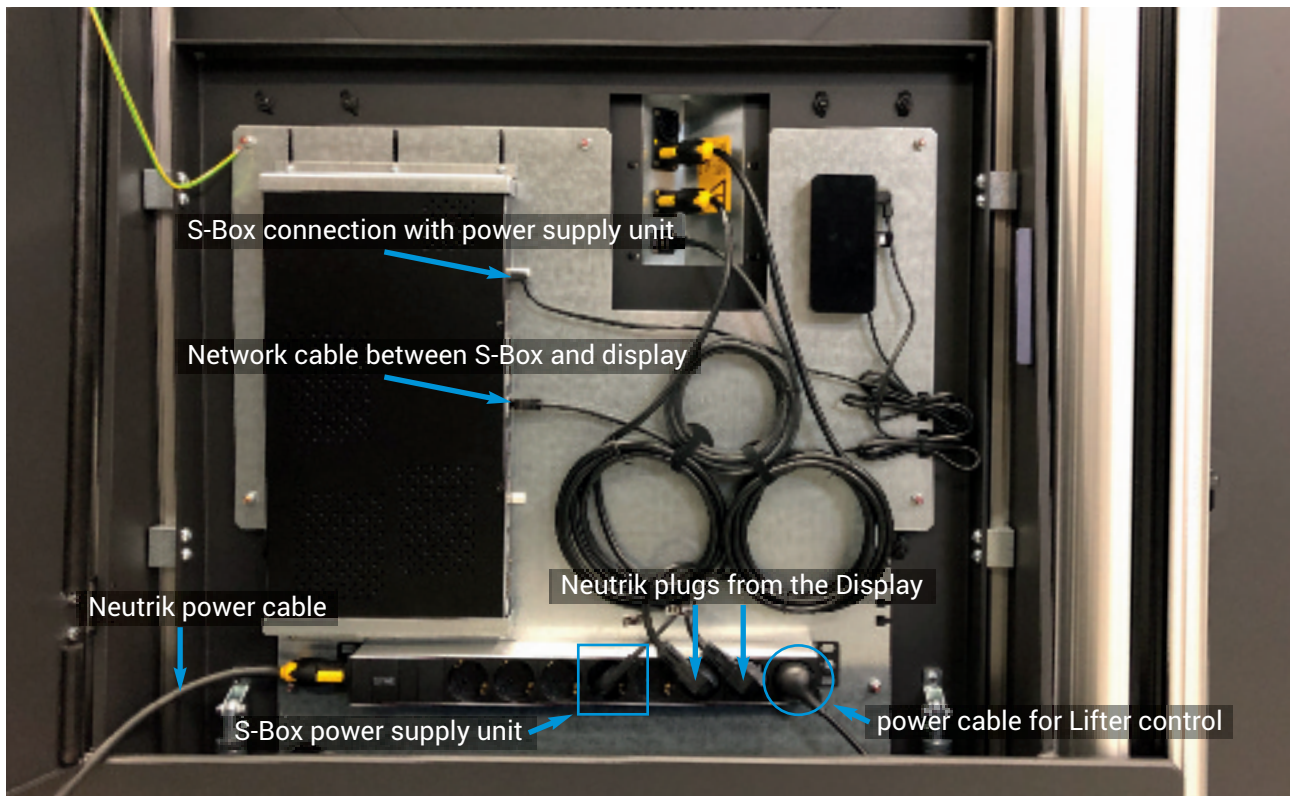
Clear dimensions for transport:

Door opening size 2000mm x 850mm (HxW),
maneuvering clearance after door: 3300mm

Voltage Input: 220V – 240V / 50/60Hz

Line Fuse: One 16A or two 10A line

III. Cabling and Wiring



Check that all connections are plugged in and locked.

Connections to the socket strip:

- 1x Neutrik power cable
- 2x Neutrik plugs from the display
- S-Box power supply unit on socket strip
- 1x power cable for Lifter control

Connections S-Box:

- S-Box connection with power supply unit
- Network cable between S-Box and display

