

MESYS UNISENSE



SINGLE HORIZONTAL SCANNING SENSOR “O” – SHAPED FRAME

A single O-shaped horizontal scanning sensor. Ideal for web widths of up to 5.4 meters. This ultrasonic sensor scanner is the simplest but accurate way to

- measure your web materials basis weight for both wet and dry process
- have patented automatic calibration
- measure synchronisation between two or more scanner systems (same spot)

Non contact, non destructive, non radiation

Simple interface via OPC/UA interface

Basis weight range : 0 – 4000 g/m²

Foil Width: 250 - 5400mm

Sensor spot diameter: 5mm

Resolution : down to 0,01 g/m²

Static Accuracy: $\pm 0.04\%$ (2) *

Power supply typ: 220V AC

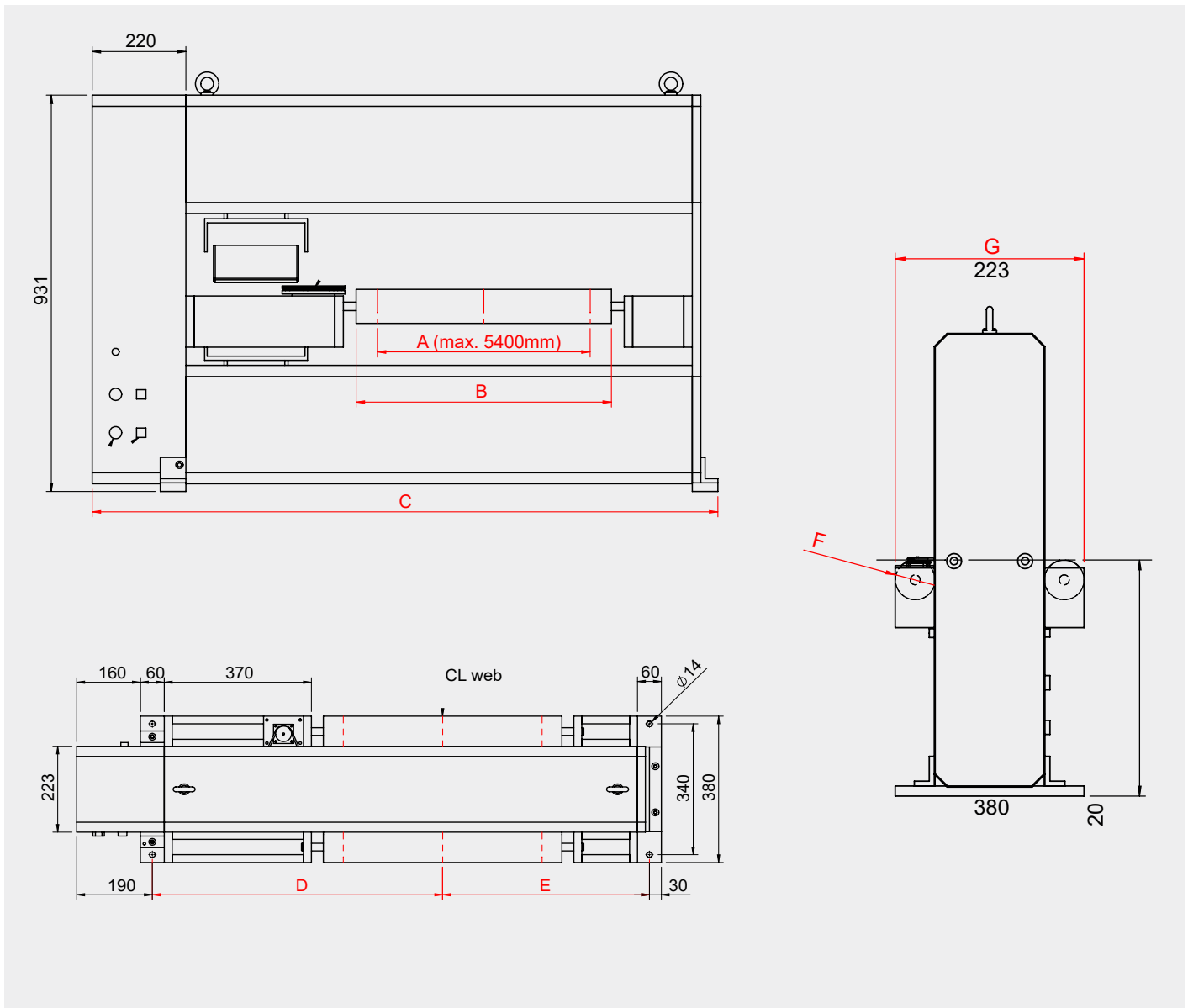
Possible ATEX version: Yes

CE Compliance EN 2006/42: Yes

*Test conditions and specifications used available on request

MARPOSS

TECHNICAL SPECIFICATIONS



A	web width
B	roller width = $A + 100\text{mm}$
C	frame width if $A > 1000\text{ mm} = A + 1050\text{ mm}$ frame width if $A \leq 1000\text{ mm} = A + 970\text{ mm}$
D	$B/2 + 430\text{ mm}$
E	if $A > 1000\text{ mm} = B/2 + 300\text{ mm}$ if $A \leq 1000\text{ mm} = B/2 + 220\text{ mm}$
F	roller diameter if $A > 1500 = \varnothing 120$ roller diameter if $A \leq 1500 = \varnothing 80$
G	if $F = \varnothing 120 = 420\text{ mm}$ if $F = \varnothing 80 = 380\text{ mm}$

For a full list of address locations, please consult the Marposs official website

Edition 06/2024 - Specifications are subject to modifications © Copyright 2024 MARPOSS S.p.A. (Italy) - All rights reserved.

MARPOSS, logo and Marposs product names/signs mentioned or shown herein are registered trademarks or trademarks of Marposs in the United States and other countries. The rights, if any, of third parties on trademarks or registered trademarks mentioned in the present publication are acknowledged to the respective owners.

Marposs has an integrated system to manage the Company quality, the environment and safety, attested by ISO 9001, ISO 14001 and OHSAS 18001 certifications. Marposs has further been qualified EAQF 94 and has obtained the QI-Award.