

TECHNICAL DATA MDS MACHINE

Dimensions:

Weight: 150 kg
Weight with water load: max. 175 kg

Electrical connections:

Voltage: 220 V 50 Hz
Fuse: 16 Amp. (slow)
Contact: standard wall socket, 2 piled with earth connection, 2 units
Power: 3500 Watt
Electrical class: class B conform EN 60601-1

Water connection:

Consumption: min. 12 ltr at 1 bar
Min/max pressure: 3 - 6 bar
Supply: single line for warm and cold
Coupling: mixing tap
Adjustment: 35C
Hose connection: 3/4" G external wire
Water quality: drinking water
Treatment: Reverse osmosis or filtration to 0.2µ
pH: 7

Water drainage:

Diameter: 40 mm
Material hose: PVC
Height: max. 25 cm
Type: free fall with siphon
Max temperature: 80C

Air connection:

Pressure: 5 - 10 bar
Diameter: 6 mm (internal)
Quality: medical
Consumption: max 100 ltr / min. at 1 bar

Fume extraction:

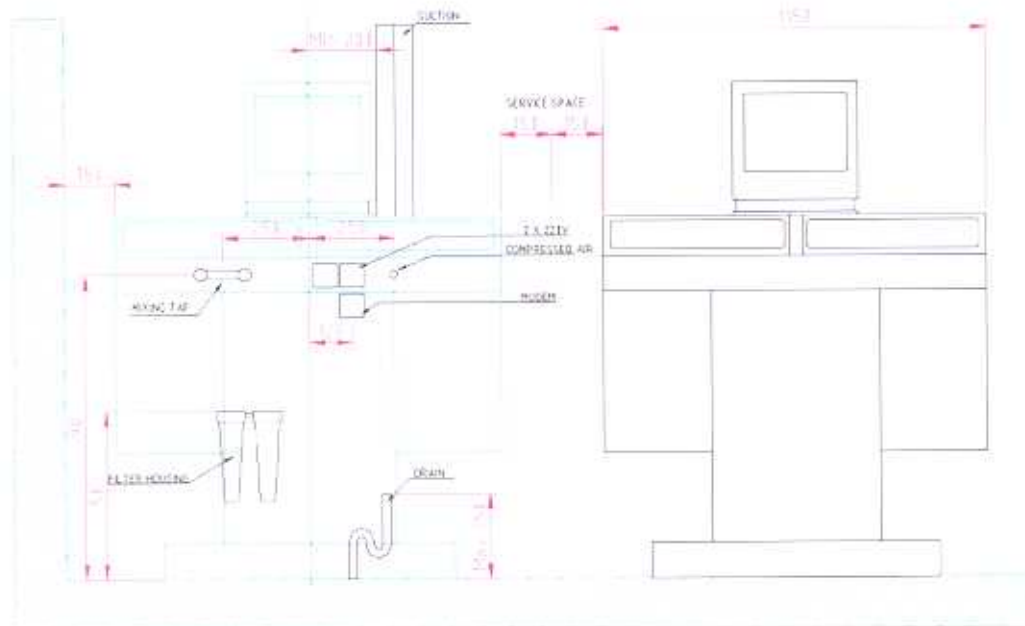
Diameter: 100 mm
Under Pressure: ± 100 Pascal (min.)
Capacity: 50 m³/ hour

The MDS software consists of 4 main programmes:

1. LIO
(Logic Input Output): controls the operation and user interface of the machine
2. Management: for reporting and inputting data
3. Server: for communication between the LIO and management programme, and other MDS machines connected via a network
4. ASC:
AS-i Safety control: checks the correct functioning of the LIO programme.
The user cannot change this system.

Guidelines and certification:

The MDS machine is CE marked (notified body 0843) and ISO-9001 certified Designed to meet HTM 2030 and CEN-ISO 15883 guidelines



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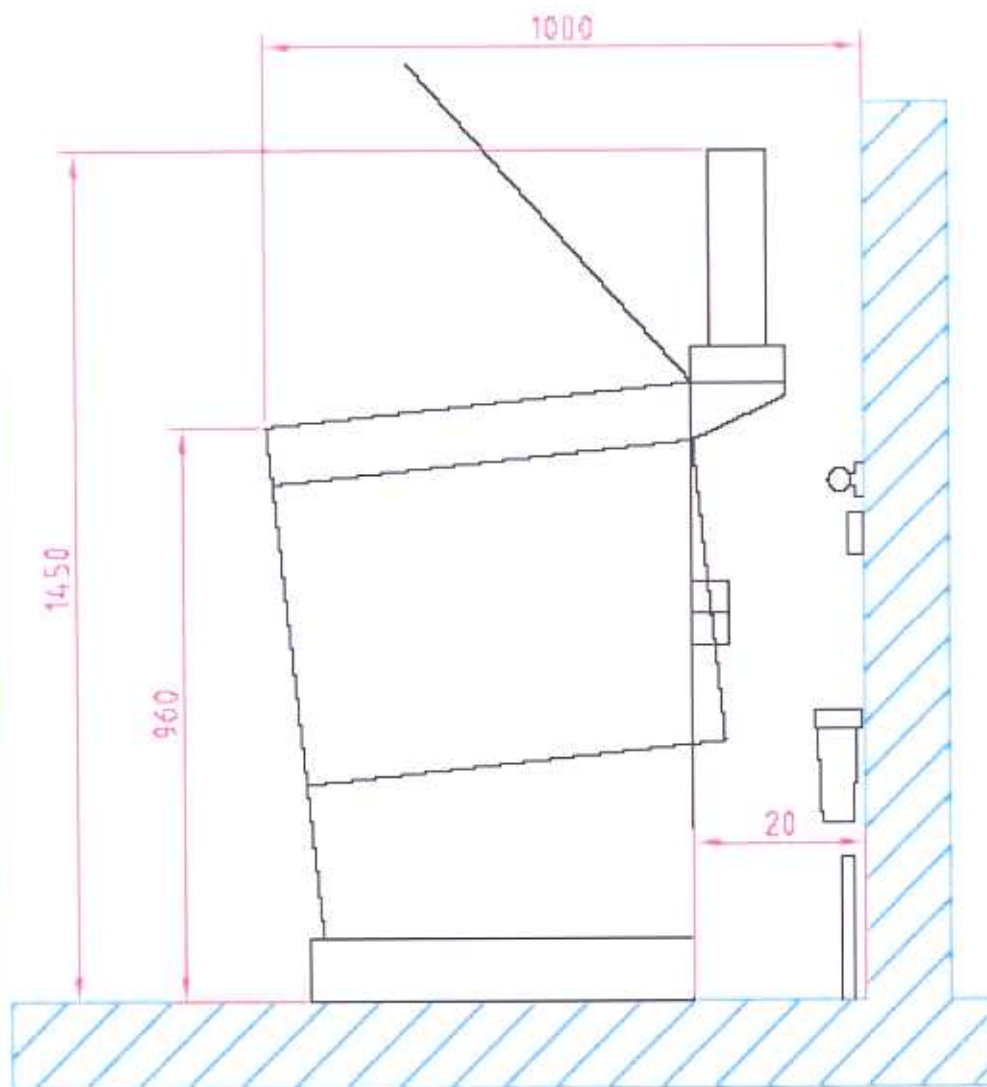
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