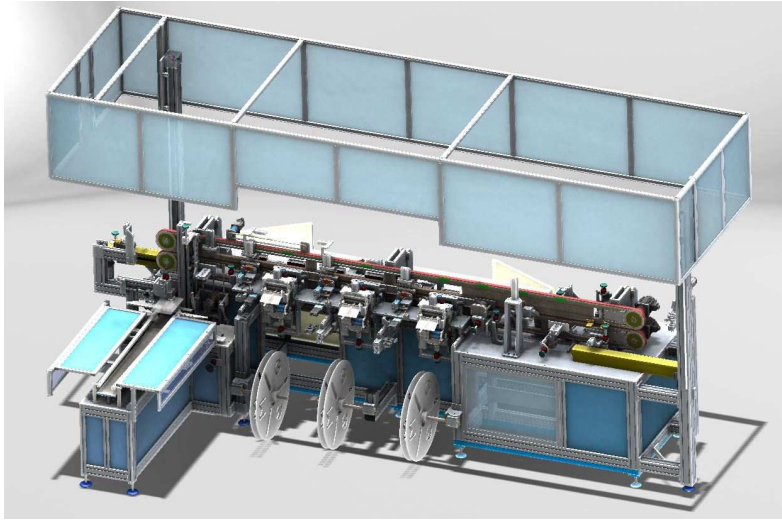


IVM11/SL – HEAD ASSEMBLY MACHINE

Position n° 02



Head assembly with belt transport with touch screen for control and setup. Mechanical movements on skates and recirculating ball screws and management with 16 servomotors.

Production of flat brushes with thickness from 6 to 30mm and size from 3-4" to 5".

Manufacturing of natural, synthetic and mixed fiber from 44mm to 114mm.

It is possible to insert up to three reclining wedges.

It is also possible to create

domeshaped brushes.

Hourly productivity of 1450 pieces (up to 2.5"). Servo assisted dosing machine with automatic setting of the quantity of fiber.

The loading of ferrules and bristle can be either manual or automatic (IVM AGR and IVM CS1).

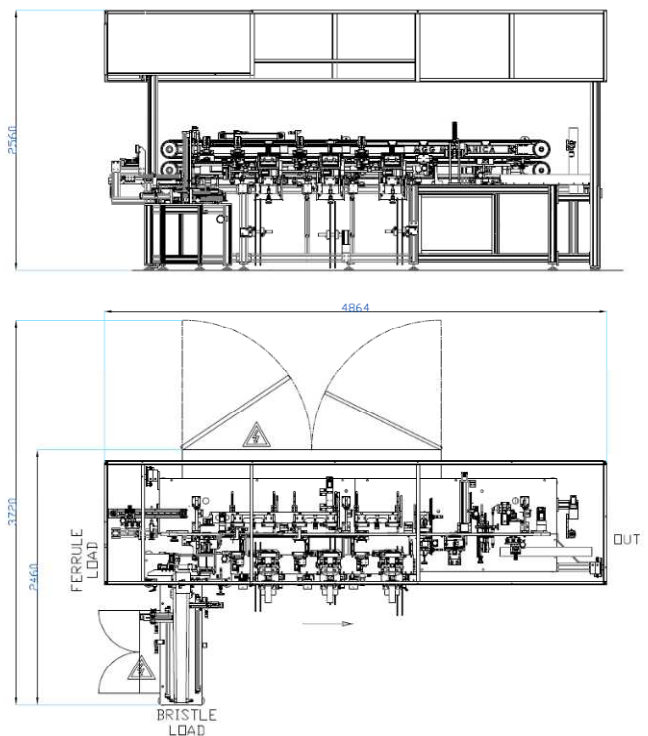
Order management and functions monitoring of the machine are controlled by software. Remote assistance options.

The machine has been developed and realized to allow a perfect conduction of all the heads of the brushes, in order to maintain a precise and constant alignment of the fiber, thanks to the system of tilted panels.

The machine comes with manual use and maintenance, the protections used in the machine comply with CE rules. The machine is configured for remote assistance with possibility of online connection.

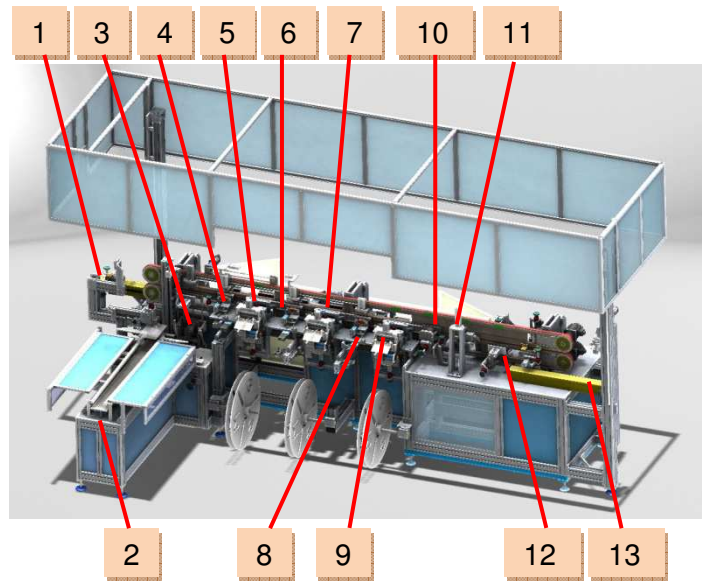
TECHNICAL DATA

Dimensions	4900x2460x2560
Weight	1500 Kg
Operating voltage	380 V/ 50 Hz
Electrical consumption	19.01A
Power absorbed	7.94 Kw
Single power cable (Not in assembly line)	5G4
Working pressure	6 Bar
Maximum pneumatic consumption	800 L/min
Working temperature	Min. 5°C Max. 40°C.
Humidity	Min. 8%, Max. 80%.
Noisiness	>80Db



MACHINE COMPONENTS

1	Ferrules loading	1
2	Dosing machine	1
3	Bristle load gripper	1
4	1° Vibrating station	1
5	1° Wedge station	1
6	2° Vibrating station	1
7	2° Wedge station	1
8	3° Vibrating station	1
9	3° Wedge station	1
10	Domeshaping station	1
11	Exceeding bristle remover	1
12	Ledge	1
13	Unloading gripper	1



ACCESSORIES

Components	Quantity
IVM AG/R Automatic feeder for ferrules	1
IVM CS1 Automatic feeder for bristles	1