

1.5 TECHNICAL DATAPan drive motor:

- power rating: 1.1 kW
- voltage: 3 x 380 V
- frequency: 50 cycles
- protection: IP54

Inlet-air fan:

- air volume: 1'000 m³/h
- static pressure: 2'003 Pa
- max. air temperature: 80°C
- motor rating: 1.1 kW
- voltage: 3 x 380 V
- frequency: 50 cycles
- fan speed: 6'860 rpm
- protection: IP 54

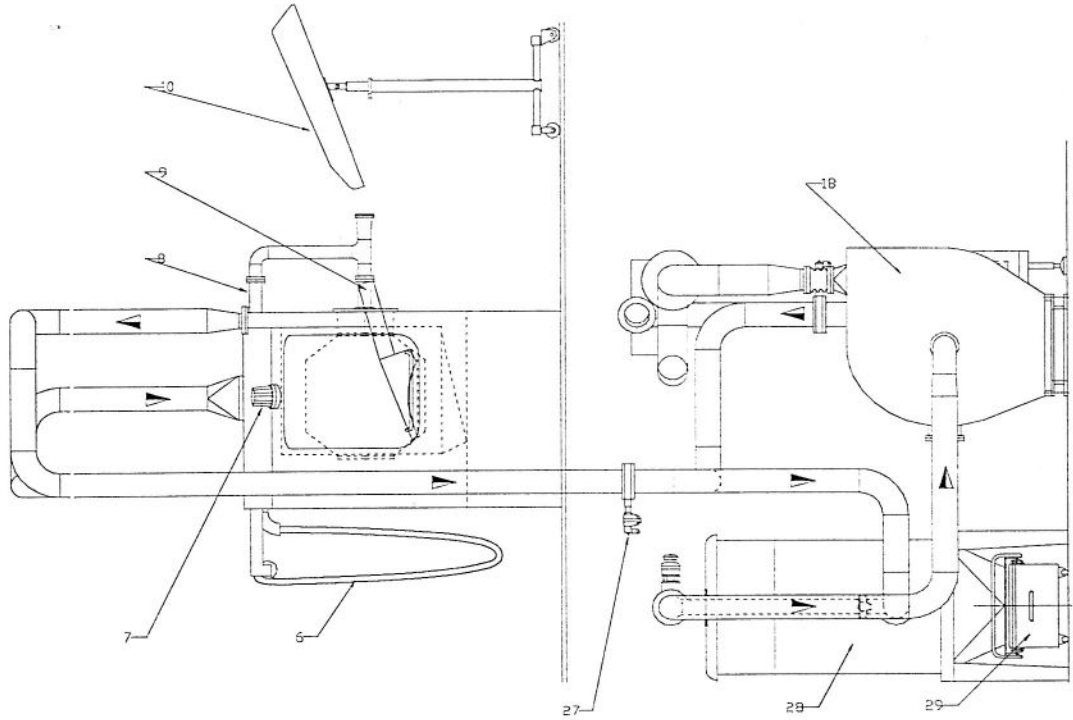
Outlet-air fan:

- air volume: 1'200 m³/h
- static pressure: 1'030 Pa
- max. air temperature: 80°C
- power rating: 7.5 kW
- voltage: 3 x 380 V
- frequency: 50 cycles
- motor speed: 2'900 rpm
- protection: IP 55

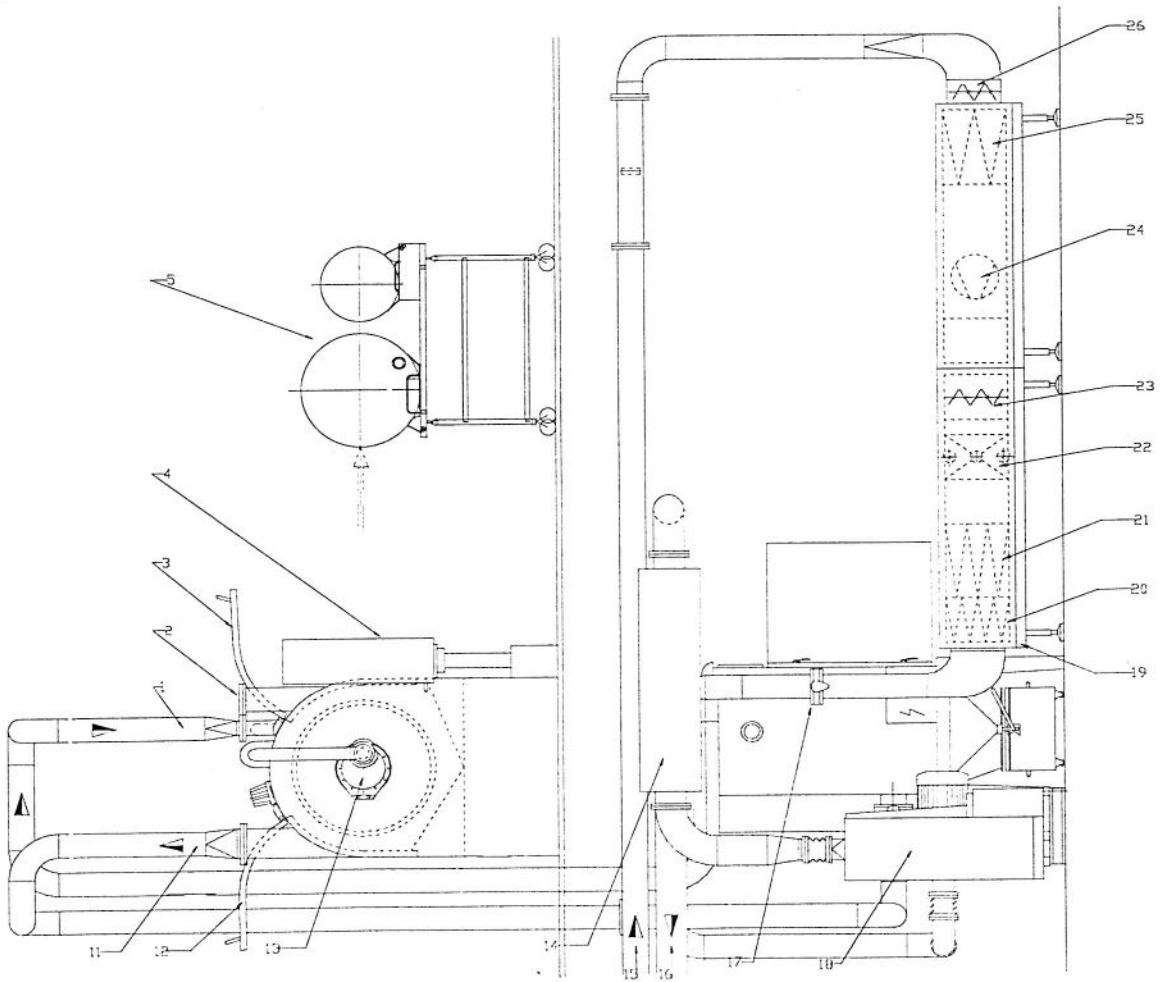
1.5.1 Injection pump motor (film coating)

- electric motor: 0.55 kW
- voltage: 3 x 220 V
- frequency: 50 cycles
- type: 504

Side View



Front View



LEGEND TO COATER GC-750/500, COM.NR. 101.254

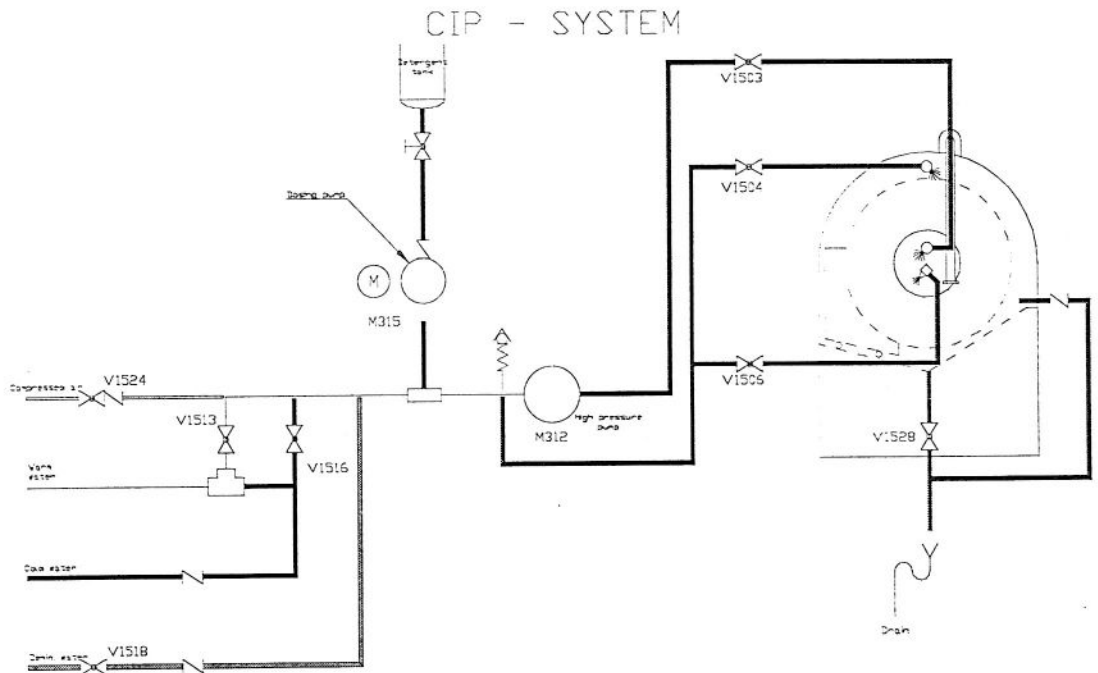
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|------------------------|------------------------------|
| 1. Air inlet | 16. Air exhaust |
| 2. Service connection | 17. Inlet air flap |
| 3. Wing door | 18. Fan |
| 4. Control panel | 19. Air handler |
| 5. Changeable drum | 20. Hepa filter |
| 6. Arm services | 21. Fine filter |
| 7. Inspection lamp | 22. Heater battery |
| 8. Spray arm | 23. Face/by-pass mixing flap |
| 9. discharge scoop | 24. Inlet air fan |
| 10. Charging shut | 25. coarse filter |
| 11. Exhaust air outlet | 26. Frost protection flap |
| 12. Wing door | 27. Exhaust air flap |
| 13. Front door | 28. Deduster |
| 14. Entenuator | 29. Dust bin |
| 15. Air inlet | |

2. DESCRIPTION OF FUNCTION**2.1 PRINCIPLE OF FUNCTION**

The coating of the kernels within the pan is achieved by means of spraying, respectively dispersing, the coating medium onto the product bed and then drying with preconditioned air. The constant rotation movement of the pan, provides the necessary homogeneous distribution and thorough mixture of the kernel bed.

2.3.4 Cleaning

The coater is equipped with an internal CIP-washing system for easy cleaning, and is composed of the following elements:



1. A set of v jets permanently located in the coater housing above the drum for the purpose of cleaning the outside of the drum, and the inner housing.
2. One or more rotary wash balls mounted on the Spray arm for cleaning the arm it's self, and the internal surface of the drum.
3. The coating medium spray nozzles are also used to spray water for their own internal cleaning along with their respective tubing.

The cleaning medium is prepared by an independent "CIP rack" with local controls which determine the fluid temperature (via mixing battery), percentage of cleaning agents (via dosing pump speed setting), and pressure (via Step pump speed setting).

The PLC is capable of the following variations through the manipulation of alternate pneumatic valves.