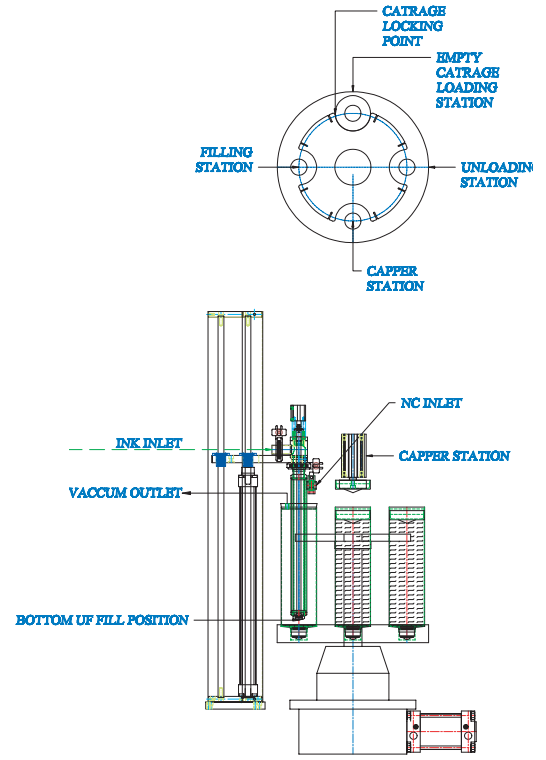


Filling System



Semi-automatic filling station

A few steps to easy and quick filling of cartridges



1. Insert the plunger.



2. Insert the empty cartridge.



3. Close the cartridge holder and press start.



4. The empty cartridge moves pneumatically controlled to the vacuum and filling station.



5. After vacuum is established, the pump begins with filling of ink.



6. A sensor keeps the filling level constant. Optional: digital weighing scale.

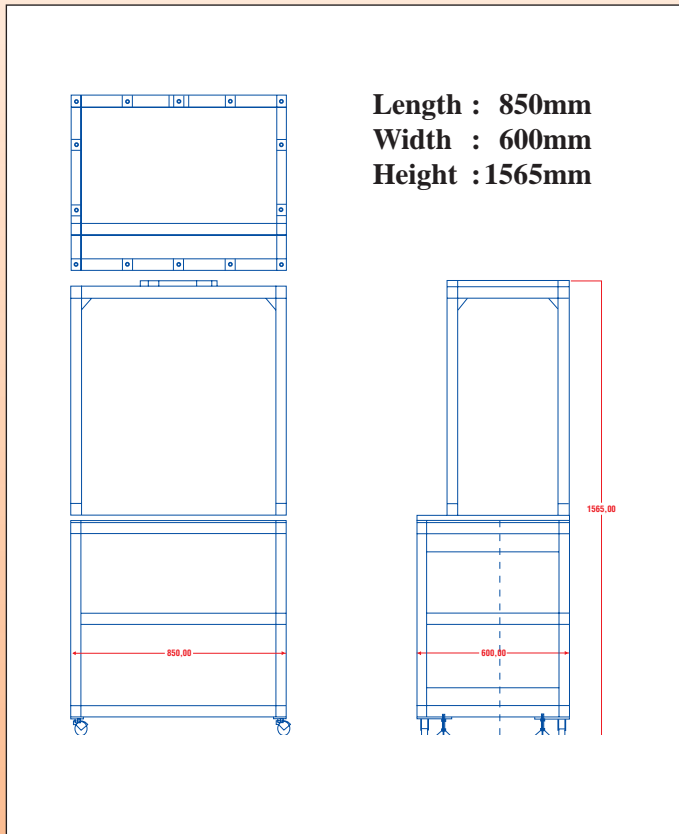


7. A pneumatically controlled cylinder inserts the plunger.



8. The filled cartridge is ready for use.

Dimension of the Cartridge Filling System



Specifications

Output per minute

1 cartridge per min

Depending on pressure and viscosity of the ink

Technical Data

Power Supply 230V 50Hz (or according to customer's request)

Air Supply Min 6 bar

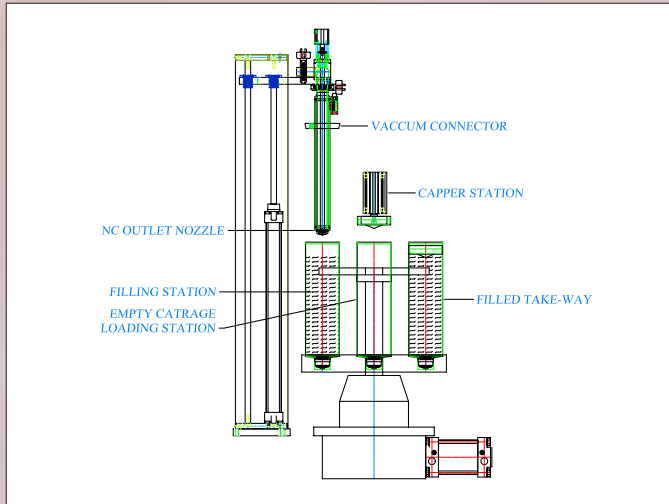
Ink Supply 3/4 inch connection

(or according to customer's request)

Features

- Automatic ink flow stop after reading of 2 kg ink is filled into the cartridge
- After filling follows pneumatic piston setting
- Standard connection for ink feeding device (e.g. ink pumps): 3/4" inside ideal for low volume filling from three roll ink mill: collecting pan and hose pump (no ink affected parts!) on customer request, hose exchangeable with < 5 minutes time!
- Filling machine includes filling and piston setting in on machine
- Filling under Vacuum
- Mobile use while on wheels
- For rapid colour change without productivity lack:
 - set of ink affected parts exchangeable within 10 minutes time
 - max. dead volume < 0,5 litre
 - easy cleaning
- Optional electronic weight measurement with RS 232 interface

Volumetric Semi-automatic Ink Filling Machine (Bottle Up Filler)



Model: KSE-PSA-2000-H BUF

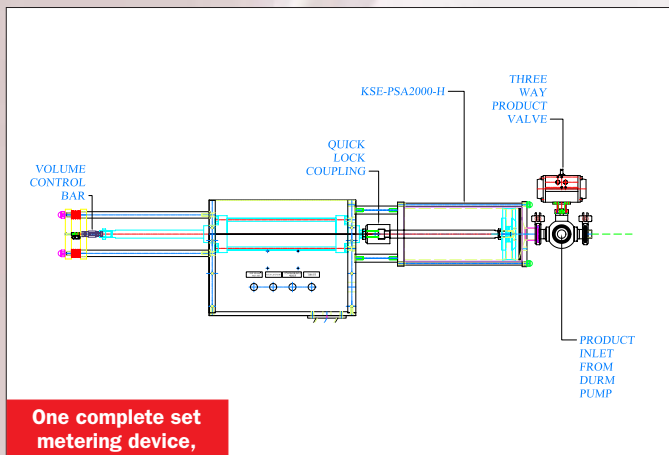
Product: Printing Ink

Container: Cartridge

Filling Capacity: 200g to 2Kg

Filling Speed: 3 cartridge per minute
Depending on loading and unloading speed

Filling Function: Fully pneumatically operated



Three way product Diversion Valve:

Stainless Steel 304 with Teflon Seal for product supply from drum into metering cylinder and pump after metering unit through filling nozzle and filled into cartridge

Metering cylinder:

Pneumatically operated

Control System:

Fully pneumatic control, selected switch for Auto or manual operation, system start stop and Emergency Stop

Nozzle Carrier and Vacuum process function:

- Nozzle carrier pneumatically Operated filling process well start from bottom up to the top level of End filling process
- Vacuum operated by air generator during filling process vacuum is start

