

【Specifications】

Model : SHUNT

Net weight : 183 kg

Dimension : (L*W*H) 900*1000*1610 mm

Tank capacity : tap water: 125L / mixer tank: 155L

Filter materials : 1-PP fiber; 2- resin; 3- activated carbon

Voltage : 220V.AC 50HZ

Power consumption : 500W/ hr for continuous operation (the unit is set for indirect operation)

Ozone : 500mg / hr

Water inflow : 10L / min

Fluid outflow : 40L / min ; 80L / min max.

Oil-water mixer pump production : 0.17~50L / min (10~3000L / hr)

Options

Concentration meter

Detection by refractive index

Brix:0%~20% (nD:1.32500~1.37000)

Brix:0%~25%

Range displayed: Brix: 0%~25%

Applicable fluids: noncorrosive
water-based solutions

(water-soluble coolant, mold release agent, etc.)



Display screen

QVGA 2.0 color LED display with status

indicators

Display refresh cycle: ~10 second/refresh

Network supported: IQ-Link

Data storage: USB 2.0, storage up to a year



Flowmeter

Fixed flow : 1/2"(15A):60L/min ;
3/4"(20A):100L/min

No-cutting flow : 0.5L/min
(variable, initial value)



Level Control

Detection height : 200mm and 500mm

Setting height accuracy :
one pitch every 15mm



HC FENG CO.,LTD.

Smart Flow System SHUNT

Still replenishing your cutting
fluid by hand? Time = Money
How much time do you
spend on replenishing cutting
fluid per day?

Is the formulated
concentration correct?

Too much stock fluid added
= Increased cost

Too little stock fluid added
= Low concentration, prone
to deterioration



- Fully automatic replenishing
- Replace manual labor
- Accurate cutting fluid concentration

HC FENG CO.,LTD.

No.128, Sec. 3, Minzu Rd., Tanzi Dist.,
Taichung City 427, Taiwan

TEL : +886-4-25587366 FAX : +886-4-25587396

www.hcfeng.com Mail : hc@hcfeng.com



Dealer



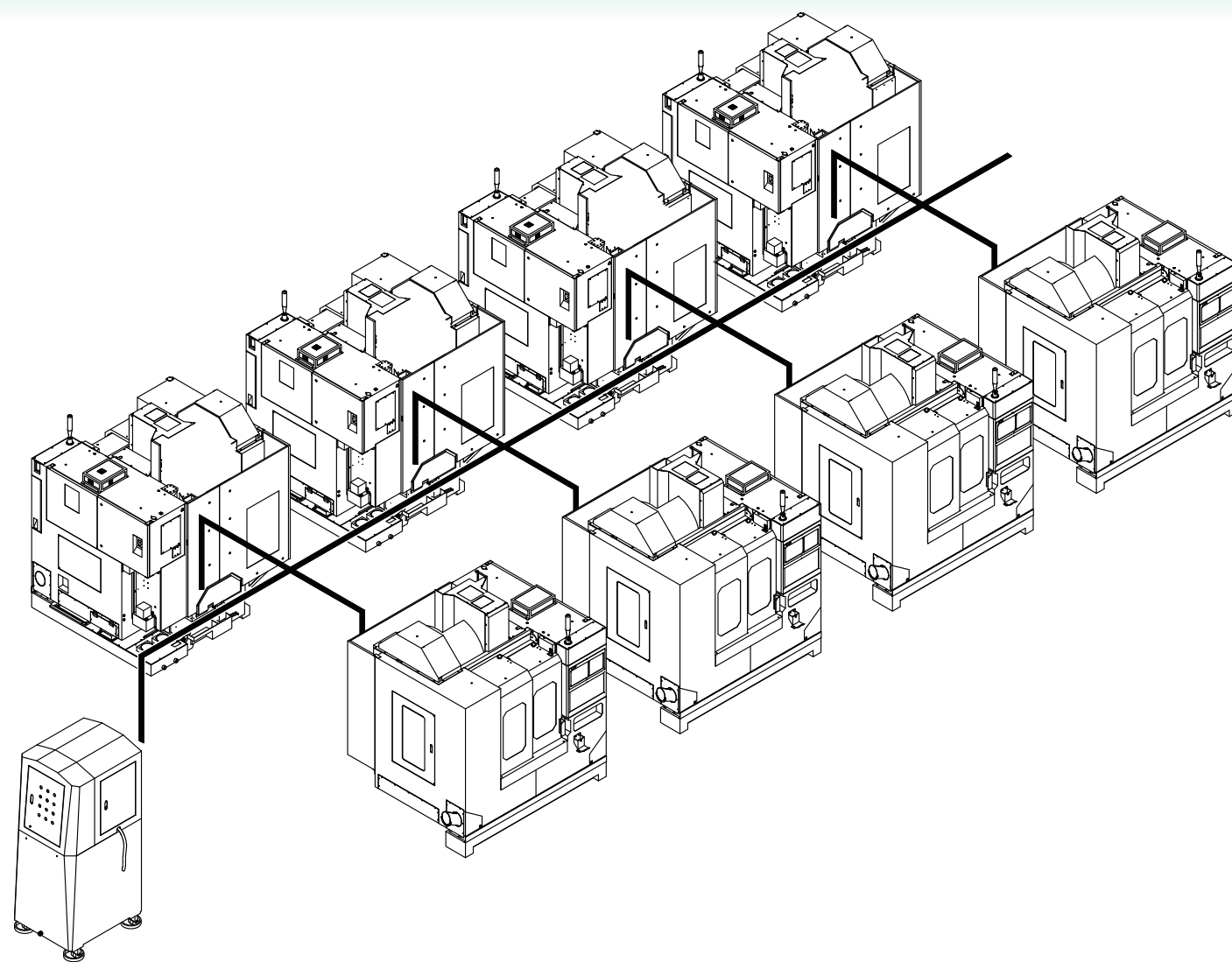
The world is on its way to Industry 4.0 and automated design is the trend, including robotic arms throughout the entire factory for automation.

However, it is often forgotten that the cutting fluid is an important part of Industry 4.0 at the very beginning.

HC FENG presents the Smart Flow System featuring fully automatic design.

Tap water is subject to impurity filtration → filtration by resin → filtration by activated carbon, and finally the sterilization by ozone. As the water is purified, it is fed to the water tank of the machine through the oil-water mixer made in Italy based on the customer-specified concentration.

This helps your company reduce the time and cost due to manual labor for replenishing fluid and formulating concentration.



Smart Flow System

* The 3D view indicates that the supply line can be as long as 20m for multiple CNC machining centers.



Filtration by 3 filters

Impurity filtration from tap water → resin filtration → activated carbon filtration



Sterilization by ozone

The filtered tap water will be sterilized by ozone



Oil-water mixer pump (Made in Italy)

Precise mixing of 0-10% cutting fluid



Stirring device

The prepared cutting fluid is keeping stirred regularly to avoid becoming stagnant water

Oil tank level meter

50 Gallon Barrel Low Level Detection