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New continuous screen changer



The new continuous screen changer is especially applicable to foaming plate products such as XPS, EPS, EPE and cast film. It ensures the screen changing without machine halt or production interrupt, which has been widely tested and verified in production practice.

Performance characteristics:

- 1、No need to stop the working machine when changing the screen, no material explosion, noiseless, no material leakage, or production interrupt while working.
- 2、This screen changer (self-owned patent) is characterized by the convenience and safety to change the filtering screen with it. It is time-saving to install the filtering screen with the screen changer, and there is no need to manually disassemble the machine, adjust the para-position screen, or install the lock pact between different screens, thus the screen changing operation will be reduced by 90%.

How to work

the new continuous screen changer is based on the single plate screen changer, and it add the auto exhaust system , and the two square filter screen cavities distance is very close, when the screen replace is required, the plate with dirty screen is moved out and the new screen is moved to the working position. and the exhaust system started at the same time. so our screen changer can not only filter impurities, but also can greatly improve the plasticizing and homogenization effect of the raw material, make the product structure more homogeneous and product surface smoothness and higher quality

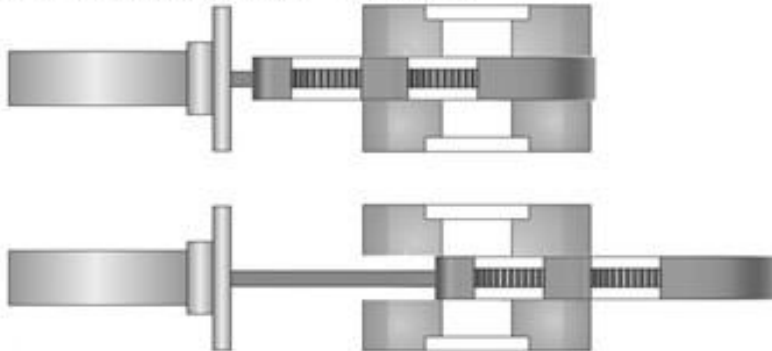
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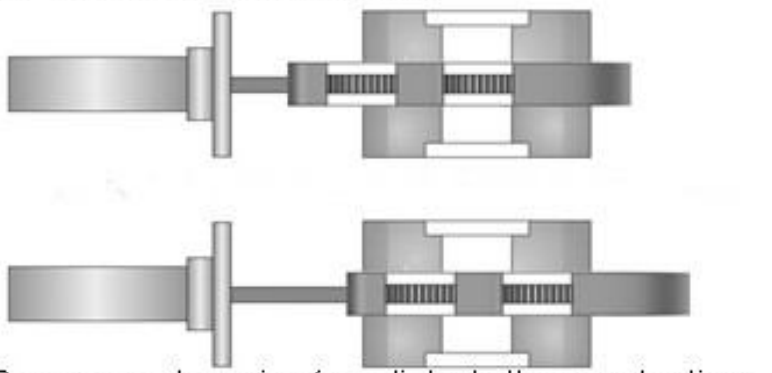
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DEA 德奥机械 MACHINERY Working principle

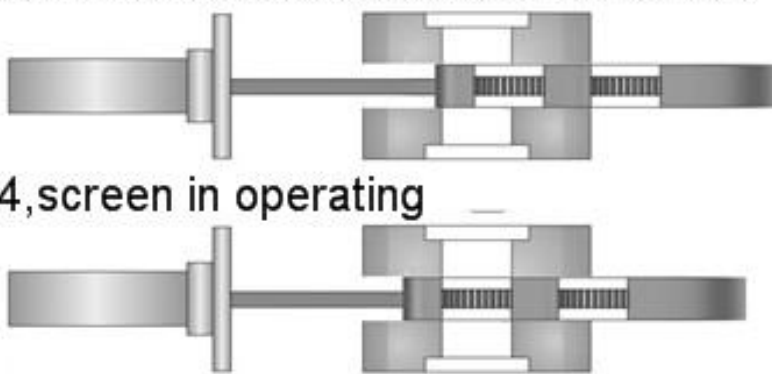
1, install the filter screen



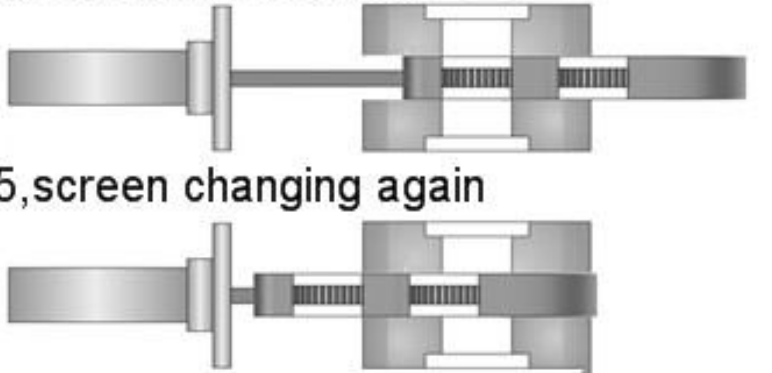
2, screen in operating



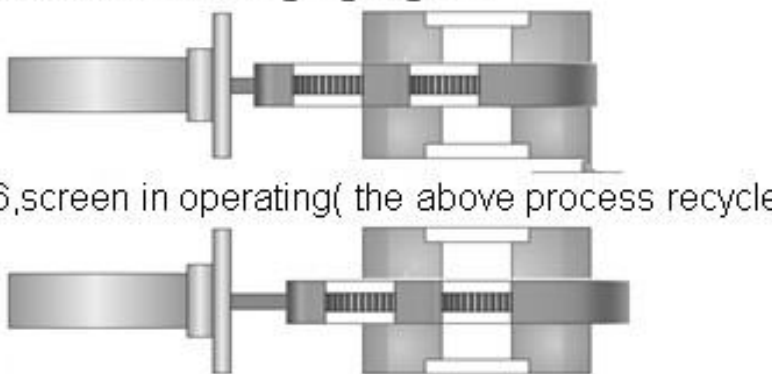
3, screen changing (no disturb the production)



4, screen in operating



5, screen changing again



6, screen in operating (the above process recycled)



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Application fields:

- 1、Applicable to all kinds of plastic products.
- 2、Applicable to the production line of chemical fiber, rubber, collosol, adhesive, coating and finishing materials and other blending agent products, used for filtration of the material mixture.

Technical Data:

Type	Screen type (mm)	Heating power(kw)	Pressure (Bar)	Output (kg/h)
DHBL-80	70×70	3	≤350	≤250
DHBL-100	100×90	5.6	≤350	≤450
DHBL-130	120×110	6.8	≤250	≤550
DHBL-150	140×130	8	≤250	≤900
DHBL-200	190×170	10	≤250	≤1500





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应用案例:
Application case



在XPS发泡生产上应用
Applied in XPS foaming products



在造粒生产上应用
Applied in pelletizer

