Innovative Filtration Solutions
Consultants & Equipment Suppliers
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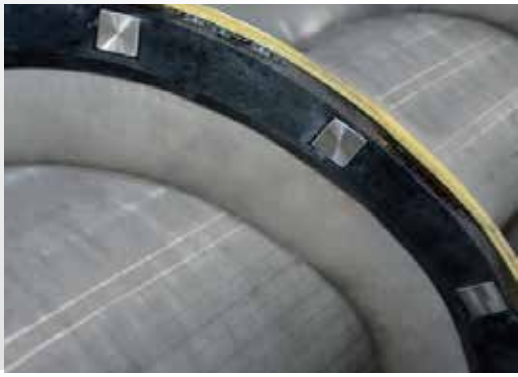
# SCREW PRESS
## HIGH FLOW SP-HF



SOLE DISTRIBUTOR OF
IEA PRESS
FOR AUSTRALIA, NEW ZEALAND & SE-ASIA
WWW.IEA-PRESS.COM

# BENEFITS
## IEA-PRESS HIGH FLOW

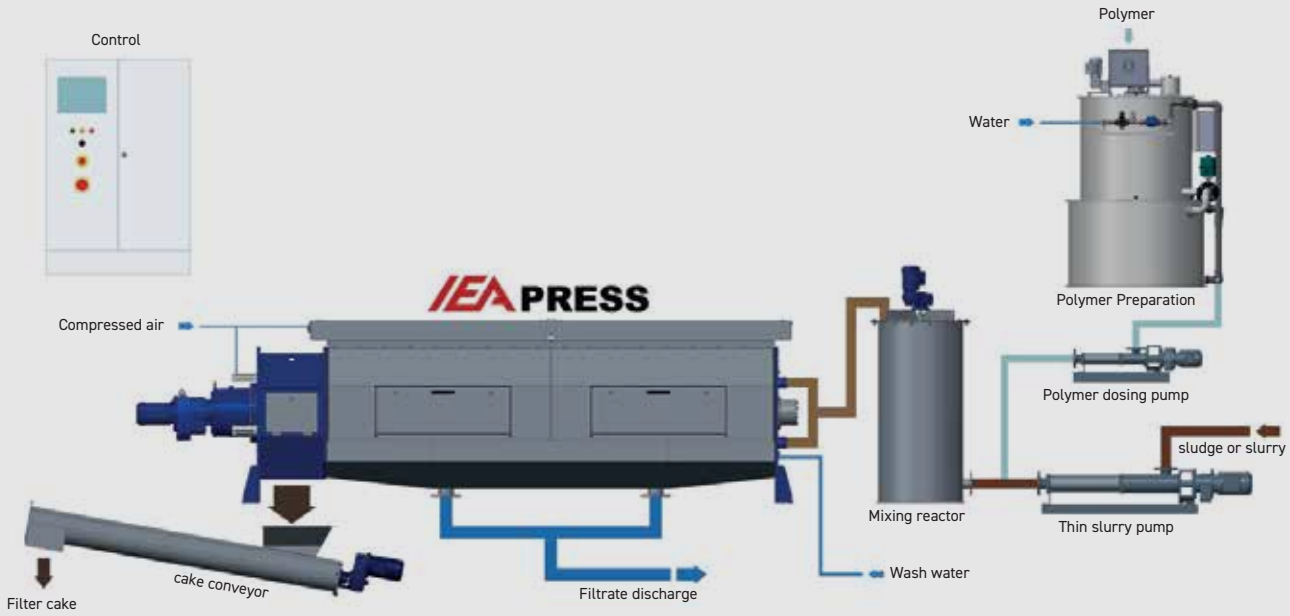
**Improvements have been made to the design of the „High Flow“ model IEA press based on the tried and tested IEA screw press.**

**Specially developed screen and screw technology makes it possible to achieve increased dewatering rates with the same nominal flow output.**

**For municipal and industrial applications the degree of dewatering can be increased by up to 10% or the throughput capacity of the screw press can be raised by up to 30%.**

**The fully automatic in situ washing unit enables a screen basket wash without interruption to the dewatering operation, as well as a substantial reduction in the requirement for wash water.**

- **Maximum dewatering** at high throughput capacity
- **Improved physical dewatering performance [2-5% DS]** through temperature control.
- **Patented internal drainage**
- **Continuous operating system**
- **Noise level < 65 dB**
- **Low wear** (screw speed < ~1 rpm)
- Long operating life
- **Unique fixing system of the screw sealing lip** – high strength clamping plates, which also protecting the screw flights from wear (patent pending)
- **Worn sealing lip easy to change** even when the screw is isinstalled (screw does not need to be disassembled).
- **Replaceable screen inserts, to enable dewatering of different** grades of slurry/sludge
- **Horizontally divided screen cylinder** for easier maintenance.
- All wetted parts made from **stainless steel** or high quality materials
- **Screen basket wash during full operation**



# CONSTRUCTION AND TECHNICAL DATA
## IEA-PRESS HIGH FLOW

**Standard version SP-HF with horizontally divided screen basket and replaceable fine screen inserts**

| Model screw press SP-HF | Versions of screen basket | Dimensions (mm) length x width x height | | | Weight of machine (kg) | Operating weight (kg) |
|---|---|---|---|---|---|---|
| SP-HF 03 | HD/XG/LG | 2010 | 500 | 910 | 650 | 830 |
| SP-HF 04 | HD/XG/LG | 2720 | 750 | 1070 | 900 | 1200 |
| SP-HF 045 | XG/LG | 2990 | 850 | 1214 | 1260 | 1650 |
| SP-HF 05 XL | HD/XG/LG | 3800 | 850 | 1214 | 1680 | 2330 |
| SP-HF 055 | XG | 4170 | 1000 | 1450 | 2280 | 3120 |
| SP-HF 06 XL | HD/XG | 5200 | 1000 | 1450 | 2850 | 3830 |
| SP-HF 065 | XG | 4670 | 1200 | 1550 | 3150 | 4130 |
| SP-HF 07 XL | HD | 5530 | 1200 | 1550 | 4150 | 5180 |
| SP-HF 075 | XG | 4960 | 1440 | 1840 | 4380 | 6100 |
| SP-HF 08 XL | HD | 6460 | 1440 | 1840 | 5500 | 7450 |
| SP-HF 09 | HD | 6110 | 1530 | 1980 | 6400 | 8650 |
| SP-HF 09 XL | HD | 7080 | 1530 | 1980 | 7380 | 10380 |
| SP-HF 10 | HD | 6610 | 1630 | 2080 | 7080 | 10680 |
| SP-HF 10 XL | HD | 7710 | 1630 | 2080 | 8180 | 12280 |
| SP-HF 11 | HD | 7110 | 1730 | 2180 | 9060 | 13760 |
| SP-HF 11 XL | HD | 8110 | 1730 | 2180 | 11170 | 17170 |
| SP-HF 12 | HD | 7610 | 1830 | 2280 | 10970 | 17070 |
| SP-HF 12 XL | HD | 9010 | 1830 | 2280 | 12610 | 19740 |
| SP-HF 13 | HD | 8110 | 1930 | 2380 | 13320 | 20770 |
| SP-HF 13 XL | HD | 10040 | 2030 | 2380 | 16520 | 25370 |

Note: Weight details include conditioning tank

Pilot systems in different designs and sizes are available for test pressings to establish drainage capacities and to demonstrate the function and efficiency of the IEA screw press.

**More information at - info@ifs-consultants.com.au**

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