



IEA DERFLINGER GMBH

Arguments for the use of the IEA Schneckenpressen:

- Experience since 1999
- Hundreds of References
- Very robust design =>
 - Suitable for highest dewatering results
 - Very high durability
 - Very low maintenance demand
- Mixing vessel including speed controlled agitator for optimized sludge conditioning and a strong floc
- Horizontal splitted screen basket für easy maintenance (replacement of the screw sealing)
- Highest lifetime of the screw sealing (in average 5.000 . 15.000 hours of operation)
- Replaceable sieve inserts (except LG). Therefore an easy replacement is possible e.g. in case that the sieve must be adapted according to the sludge characteristics.
- Fully automatic washing of the filtration zone without interruption of the dewatering process.
 - Pneumatikdrive is entirely installed outside of the wet area
 - Washing nozzles for the cleaning of the filtration zone as well as for the covers and the filtrate basin.
- Grading of the perforation at the filtration
- High-Flow Siev => higher capacity at the same SP size compared to competitors
- SP manufactured in Austria
- Big range of different SP sizes => SP-HF 03 bis SP-HF 13 XL => capacities from 1,0 to 50 m³/h
- Special type SP-P&F for very high dewatering degrees and sludge with abrasive characteristics
- Pressure cone at the discharge actuated by means of pneumatic cylinders
- Use of high-quality standard parts only =>
 - Drive units from SEW
 - Pneumatic components from FESTO
- Powder polymer can be used at digested sludge
- Many options available by default =>
 - Acid wash device
 - Filtrate recycling unit
 - Separate discharge of clean and dirt filtrate
 - Screw heating
 - Automatic pressure control for pressure cone
- Fully accessibility to the filtration zone e.g. for maintenance

See also ~~h~~Allgemeine Infos IEA-Press SP - ENÍ

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