

# SK 300/1



## Technically ahead and enormous „know how“

- dosage screw with frequency converter
- extended length of pressing unit in order to optimize the grade of extraction
- maximum area for oil-outflow
- various fields for flexible adaptation
- user-friendly division of pressing unit
- easy to empty and stop the press
- including pelletizer for oil-cake

**actuation:** 45 kW · 380 V · 50 Hz  
**seed/hour:** approx. 1.000 kg rape/hr = approx. 333 kg oil/hr  
**weight:** approx. 8.200 kg

### OPTIONAL

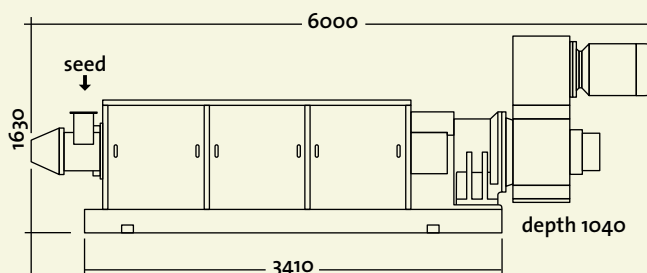
- seed warming
- electronic frequency converter to control screw revolution
- electrical switchbox

### FURTHER FEATHURES

- designed for continuous operation
- stability due to massive construction
- adjustable seed-inflow
- complete covering in order to avoid oil mist in the pressing room
- machines are consisting of several structural components. This is of advantage for the installation even in hardly accessible buildings.



### MEASUREMENT



11/08. Subject to technical alterations.

# STRÄHLE

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**TECHNICAL FEATURES**

Construction and application of our machines are based on decades of experience in the cold pressing of oilseeds. As a result we build endless screw presses which fulfil the highest demands on quality, capacity, user-friendliness and maintenance.

To minimize wear and tear we use highly strainable and hardened special steel for our endless screws and strainer discs. The bearings of our machines are high-quality roller bearings.

To ensure an easier installation our machines consist of several structural components. This is also an advantage when the machines have to be installed in hardly accessible buildings.

Another striking feature is the special coat of lacquer. For the coating of our oil presses we have used the colours of the product which is being processed. Yellow for the colour of the oil, green for nature. Orange-coloured are those parts of the machines which have to do with actuation or the bearings.

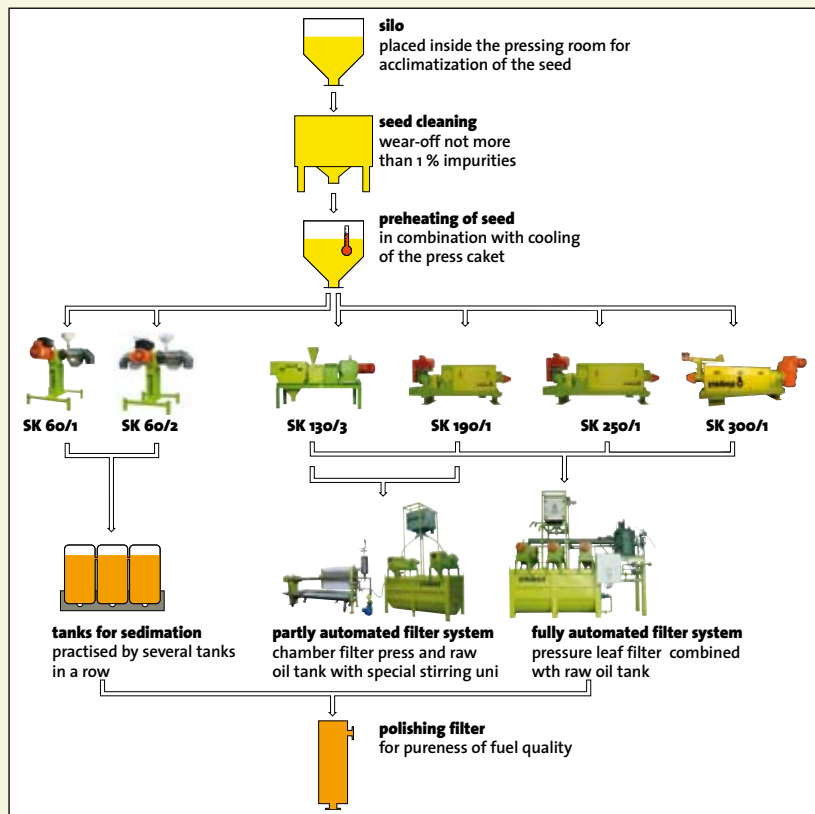
**EVERYTHING FROM ONE COMPANY – OUR KNOW-HOW FOR YOUR APPLICATIONS**

We would also be pleased to design complete production plants for oil extraction. The components of such a production plant will be designed in size and capacity especially for your requirements.

**PLANNING OF COMPLETE PRODUCTION PLANTS**

- drying installations
- storage silos
- transporting devices
- magnetic separator for cleaning of seeds
- seed containers and temporary storage containers
- cooling of cake/Preheating of seed (ventilator/heat exchanger)
- endless screw presses
- crude oil tanks/Clean oil tanks
- filtering installations (all-automatic/partly automatic)
- assembling of pipes/mounting on site
- installation/Initial operation
- advice and service

**FUNCTIONAL DIAGRAM OF AN OIL EXTRACTION MACHINE – STANDARD EQUIPMENT**



**OUR OIL PRESSES AT ONE GLANCE**

Machine-type	Throughput of seed per day (kg)	Oil quantity per hour (kg)	Throughput of seed per day (kg)	Oil quantity per day (kg)	Throughput of seed per year (tons)	Oil quantity per year (tons)	Area of cultivable land (ha)
SK 60/1	15	5	360	120	118	39	39
SK 60/2	30	10	720	240	237	79	79
SK 130/3	130	43	3 120	1 040	1 029	343	343
SK 190/1	300	100	7 200	2 400	2 376	792	792
SK 250/1	500	166	12 000	4 000	3 960	1 320	1 320
SK 300/1	1000	333	24 000	8 000	7 920	2 640	2 640

Approximate figures for rape processing, based on a machine running time of 24 hours, on 330 days per year. Approximate figures for 3000 kg rape per ha.