process up to 100 oilseeds to valuable oils
pressing unit completely in stainless steel *
gentle cold or warm pressing possible
digital temperature control
integrated module for measuring the oil outlet temperature
stepless speed regulation
400 volt connection / 5.5 kW or 7.5 kW

*only mechanical parts
The oil presses **OW5500 / 7500 s-inox** with power ratings of 5.5 and 7.5 kW are the powerhouses in the Ölwerk Ölmühlen family. Like all s models, they have an integrated press head heater with integrated digital temperature monitoring of the press head. In addition, the **OW5500 / 7500 s-inox** comes with a module, with integrated smartphone interface, to digitally measure the oil outlet temperature. With the two oil presses over 100 different seeds can be processed gently.

The sensortec technology with built-in press head heating and digital temperature monitoring enables even easier, temperature-accurate cold or warm pressing of valuable oils. During the entire pressing process, the temperature can be controlled and maintained. In addition, it is possible to regulate the temperature individually according to the seeds used.

The **OW5500 / 7500 s-inox** are suitable for continuous operation with significantly extended maintenance intervals. The OW5500 / 7500 s-inox, in terms of capacity, compact design, comparatively low volume and moderate energy consumption, are extremely powerful all-rounders for medium to large production sites. The oil presses can be connected and expanded to any size production units. The oil presses have a direct drive with special toothing. By dispensing with a belt drive, a low power consumption, a Reliable, low-maintenance operation and a long life guaranteed. The speed of the **OW5500 / 7500 s-inox** is infinitely adjustable and can be variably adapted to the respective seed in order to achieve optimum press results in terms of oil quality and oil yield. In addition, the **OW5500 / 7500 s-inox** have a variable press gap adjustment.

The screw press used allows a gentle cold pressing without prior treatment of the seed. In this way, the ingredients of the starting product are completely preserved in the oil extraction. Depending on the type, purity and weight of the seed used, the **OW5500 / 7500 s-inox** can process up to 140 kg of pressed material per hour. Due to the high motor power of 5.5 or 7.5 kW, optimum production results can be achieved even with the hardest seeds. In combination with the appropriate silo system, production can easily be extended to 24-hour operation.

### Technical Details

- **design type**: screw extruder
- **extracting process**: cold/warm compression
- **gears**: shaft mounted gearing
- **speed**: adjustable without steps
- **adjustment of press nip**: variable
- **integrated heater**: yes
- **digital temperature control**: yes
- **self-lubricating bearing**: yes
- **power**: 5.5 or 7.5 kW / 400 V
- **capacity / h (depending on seed)**: up till 140 kg
- **dimensions cm DxWxH**: 120 / 130 x 46 x 88
- **combinable with silo**: yes
- **weight**: 310 / 330 kg
- **material foot**: stainless steel
- **material machine**: stainless steel

Seeds - over 100 different, including apple seeds, argan, cotton kernels, chia, peanut, fig, hemp, hazelnut, shea, coconut, cumin, pumpkin, flax, camellia, macadamia, almond, poppy, moringa, palm kernel, rapeseed, Sacha inchi, safflower, sea buckthorn, black cumin, mustard, sesame, soy, sunflower, walnut

Fields of application - food production, production of chemical products, pharmaceuticals, cosmetics, power generation

Scope of delivery - oil press including pressing unit (strainer, press head, press head holder, spindle, lock nut, press head heating), 7 pressing nozzles, stainless steel funnel with protection against reaching inside, assembly tool

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