

Filtering without filtering agents



Sedimenter for pre-cleaning through sedimentation. Weight 54 kg, contents per sedimenter 270 litre



Plastic filter housing FGK 20 with filter candle FK 20



Chamber filter press

With smaller oil volumes, the oil can be left in a container until the turbid and particulate materials have sunk to the bottom of the container. The clarified oil can then be decanted into a clean container.

For larger oil volumes it is possible to use a sedimenter. The turbidities then sediment at the bottom of the funnel tip and can be drained off using the drainage valve.

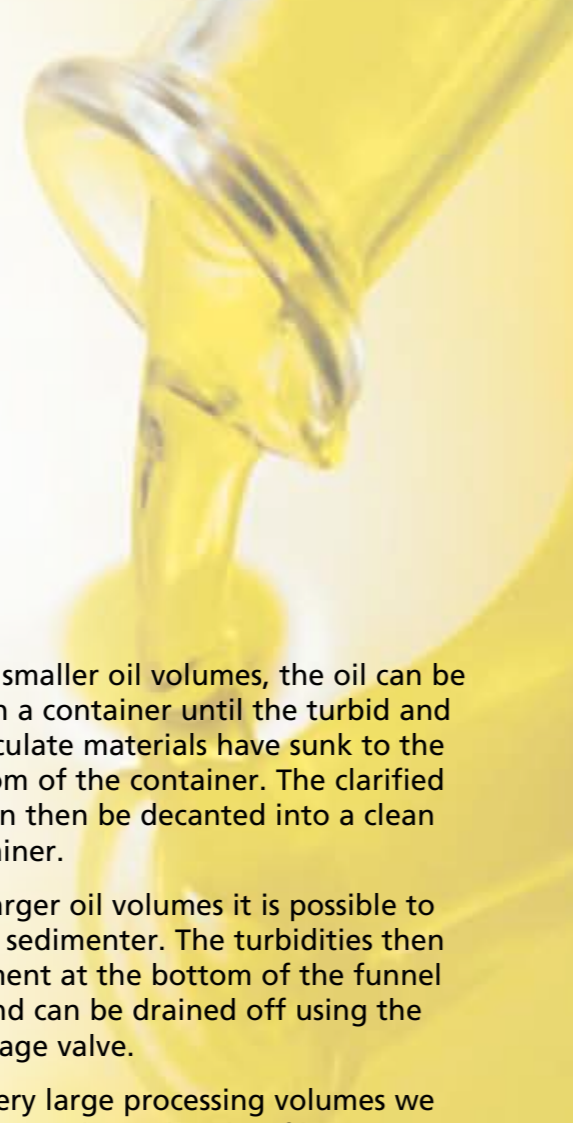
For very large processing volumes we recommend our chamber filter presses in three different sizes with frequency-controlled pumps.

Connecting one or more sedimenters upstream of the chamber filter press has the advantage of increasing the filter service life.

Chamber filter press

Type	K10	K20	K30
filter service life in litres	5,000 or 10,000	10,000 or 20,000	15,000 or 30,000
filtration per day in litres	500	1,000	1,500
number of filter plates	10	20	30
kind of current / frequency	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
nominal voltage	3 ~ 380 – 500 V	3 ~ 380 – 500 V	3 ~ 380 – 500 V
rated electrical output	0.37 kW	0.37 kW	0.37 kW

Subject to modifications without prior notice!



Pressing screw production



The vegetable oil presses which are produced in our manufactory have already been sold in over 40 countries around the world.

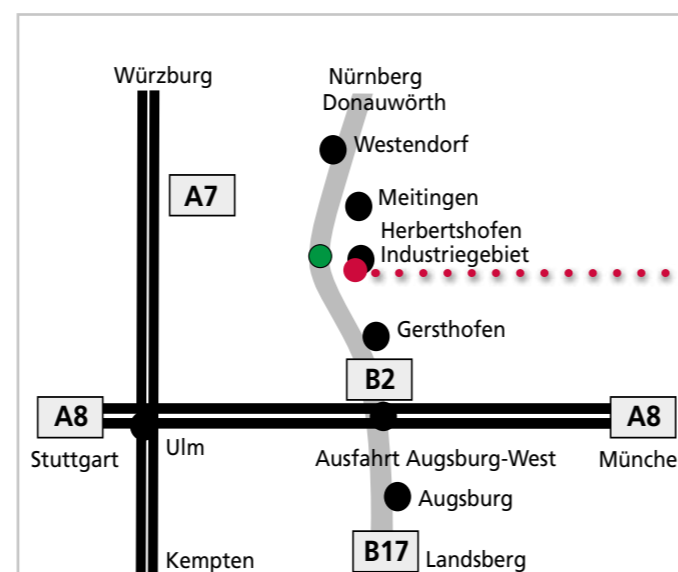
In addition, we produce turning and milling parts, together with tube bending mandrels for renowned companies on our CNC machines.

We were awarded the Bavarian State Prize for outstanding technical performance as an innovative company in 2004 and in 2008.

Bayerischer Staatspreis 2004 (Bavarian State Prize 2004)



Bayerischer Staatspreis 2008 (Bavarian State Prize 2008)



How to find us:

- B2 exit towards Biberbach/Wertingen/Herbertshofen/Erlingen



ANTON FRIES
MASCHINENBAU GmbH

Deutzring 6b
D-86405 Meitingen-Herbertshofen
Telephone: +49 (0) 82 71 / 4 11 37
Fax: +49 (0) 82 71 / 4 12 41
E-mail: anton.fries@t-online.de
fries@anton-fries.de
Internet: www.anton-fries.de



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Vegetable Oilpress

Screw extrusion press for production of high-quality cold-pressed vegetable oils



Bayerischer Staatspreis 2004 (Bavarian State Prize 2004)



The special feature of our vegetable oil press with its newly developed press cylinder is that the pressed material is conveyed forward loosely in the screw press. The oil is therefore pressed and separated out in the front section of the screw press within a section of approx. 30-40 mm. This short de-oiling zone ensures very low level of mixing between the oil and the husks. This novel development means that there is only a very small amount of solids, tannins and bitters present in the pressed oil. The unique, natural taste and the high quality of the oil with its valuable contents therefore remain unchanged.

The screw extrusion press is designed to produce cold-pressed vegetable oils, for instance: almond oil, apricot kernel oil, argan oil, beechnut oil, black cumin oil, black currant seed oil, brazil nut oil, camelina oil, cashew oil, coconut oil, colza oil, grape seed oil, hazelnut oil, hemp oil, jatropha oil, linseed oil, macadamia nut oil, mustard seed oil, peanut oil, pistachio oil, poppy seed oil, pumpkin seed oil, safflower oil, sesame oil, soya oil, sunflower seed oil, walnut oil, etc.

We also offer a hopper stirring device as an option for pressing larger (peeled) nuts such as walnuts, macadamia nuts, brazil nuts, etc. The nuts are being crushed by the stirring device and automatically fed to the extruder screw.



P240R



P600R: More drive power for very hard seeds



P500R + Option: hopper stirrer and heating band thermostat

Type	P240R	P600R	P500R + Option
performance, depending on the type and bulk weight of the press material, and depending on the nozzle size and machine settings, approx.	12 – 30 kg/hour	12 – 30 kg/hour	12 – 30 kg/hour
kind of current / frequency	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
nominal voltage	1 ~ 200 – 240 V	3 ~ 380 – 500 V	3 ~ 380 – 500 V
rated electrical output FI / rated motor output	1.5 kW / 1.1 kW	3.0 kW / 2.2 kW	1.5 kW / 1.1 kW
speed	5 – 95 rpm	5 – 95 rpm	5 – 95 rpm
dimensions in (l x w x h)	825 x 520 x 440	900 x 520 x 440	900 x 520 x 440
weight, approx.	88 kg	104 kg	91 kg

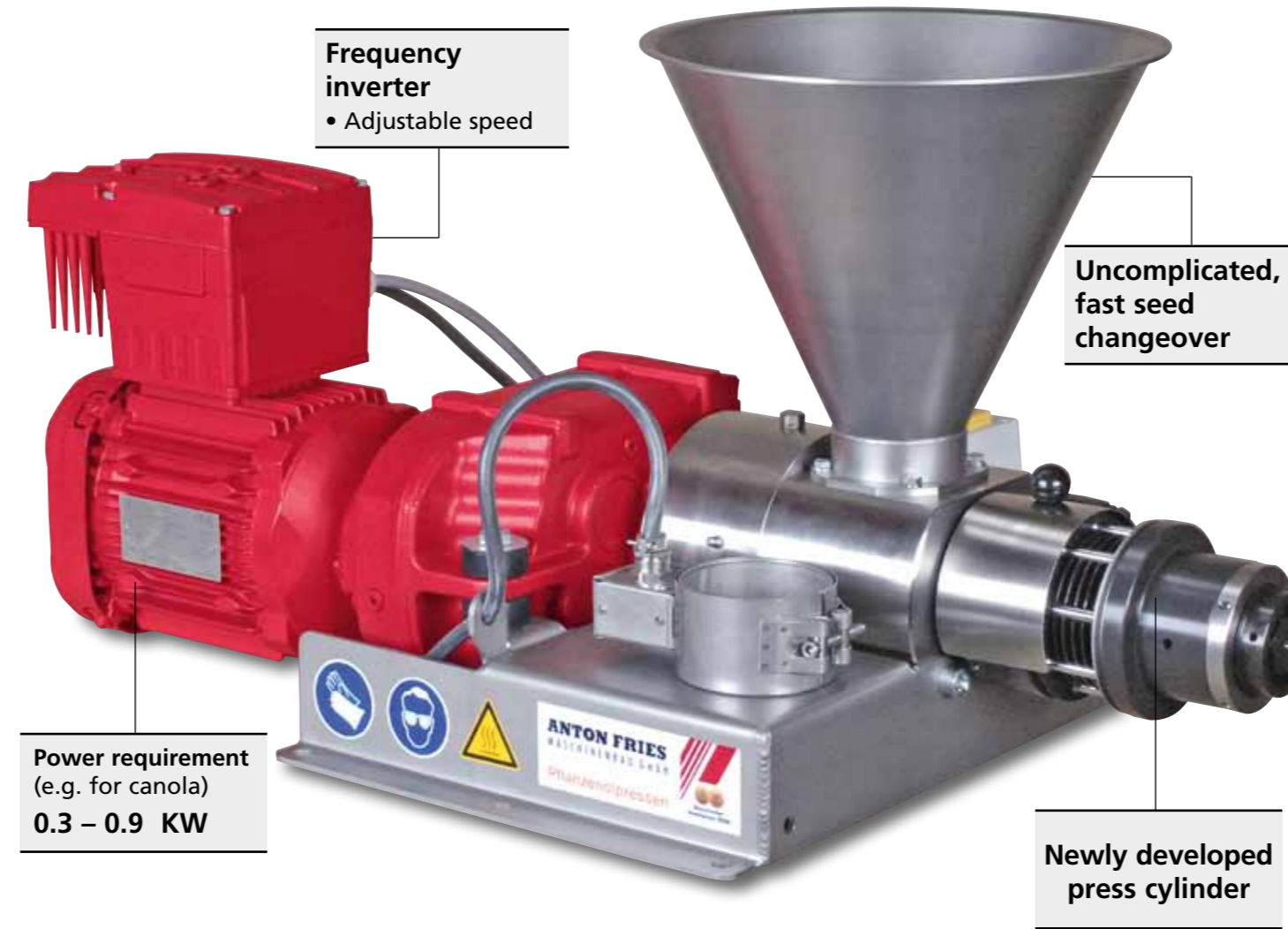
Subject to modifications without prior notice!

Vegetable Oil Press P500R with energy-saving motor

Bayerischer Staatspreis 2004
(Bavarian State Prize 2004)



Feeding mechanism, frame, heating band and hopper – made of stainless steel – as well as the extruder screw, pressing head and pressing cylinder – made of high-quality hardened tool steel – are completely being manufactured in our own modern production facilities. The geared motor is produced by the German manufacturer SEW.



Frequency inverter
• Adjustable speed

Uncomplicated, fast seed changeover

Power requirement (e.g. for canola)
0.3 – 0.9 KW

Newly developed press cylinder

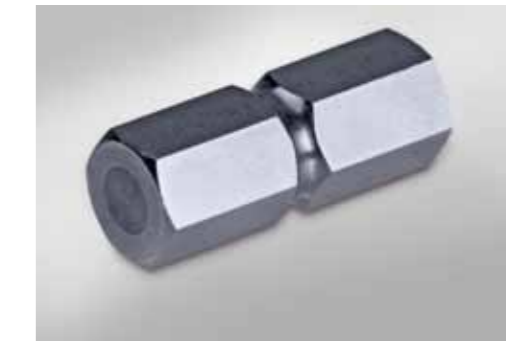
Type	P500R
performance, depending on the type and bulk weight of the pressed material, and depending on the nozzle size and machine settings, approx.	12 – 30 kg/hour
kind of current / frequency	50 – 60 Hz
nominal voltage	3 ~ 380 – 500 V
rated electrical output FI / rated motor output	1.5 kW / 1.1 kW
speed	5 – 95 rpm
dimensions in (l x w x h)	825 x 520 x 440
weight, approx.	88 kg
oil volume, e.g. canola approx.	50,000 – 60,000 litre/year

Perfection down to the smallest detail

The press cake produced during cold pressing is a high quality animal feed without additives. The gained oil can be used as edible/cooking oil as well as fuel for engines that are suitable for vegetable oils.



Extruder Screw



Overload Safety Device
Prevents damage to the machine in case of overload



Optional: Magnetic Separator
Removes any iron particles present in the filling hopper



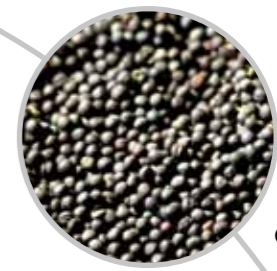
Pressing Nozzles in various sizes for different seeds



Pressing Cylinder with optimised oil outlet



Filling Hopper with safety grid



Canola



Linseed



Sunflower seed



Hazelnut



Walnut