

PRESSES FOR OILSEED COLD PRESSING

The presses produced by the Department are screw-type presses for continuous cold pressing of plant oil from different oilseeds and the oil cake made from pressed seeds can be used as high-protein feed. The press can be used on farms, at schools for demonstration and experimental purposes, as well as in plants for decentralised oil extraction.

The press is powered by a three-phase asynchronous electric motor. An inverter can be fitted to change the rpm of the electric motor. Thus, the rpm of the screw can be adapted to different types of oilseeds. The specially fitted helical gear unit with a hollow shaft and the cast iron housing ensure quiet, reliable, and continuous operation. The hopper capacity of 5-20 kg provides at least 30 minutes of continuous operation. Two press models are available:



Compact tabletop screw press AIS P 60

Technical data:

Type	AIS P 60	AIS P 95
Principle of operation	Screw press	Screw press
Voltage	3f ~ 400 V	3f ~ 400 V
Power	1.5 kW	4 kW
Weight	55 kg	220 kg
Productivity	5-15 kg/h	15-40 kg/h
Inlet seed temperature	15-30 °C	15-30 °C
The share of oil pressed from seeds	up to 38% (rapeseed and sunflower in two-stage pressing)	up to 38% (rapeseed and sunflower in two-stage pressing)

We reserve the right to change the technical specifications of the presented products.