

# PRESSING UNIT FARMER 20

## ARE YOU INTERESTED IN PRODUCTION OF HIGH-QUALITY VIRGIN OIL?

Farmer 20 is a complete pressing unit designed for cold pressing of oilseeds, together with subsequent oil filtration. It is suitable for pressing of canola, sunflower, flax as well as other oilseeds (such as seeds of jatropha, hemp, mustard, poppy, artichoke, primrose, amaranth, sea buckthorn, grapeseed or copra).

The machine has low demand for operational area and simple installation. We recommend this unit as an ideal solution for small and medium-scale farmers. The unit produces high-quality filtered vegetable oil and press cakes which can be used as a full-bodied replacement of oilseed meals. With its higher oil content, the cake has even higher nutritional value.

## PRESSING UNIT FARMER 20

The pressing unit consists of the screw press DUO, fitted with an oilseed hopper above the press. Under the press, there are plastic sedimentation tanks for produced oil.

On the steel construction, there is a pump for transferring oil from the sedimentation tank to the plate filter, which removes the residual solids from the oil.



## CHOOSE THE RIGHT VERSION OF THE FARMER 20 UNIT:

### FARMER 20 3F

This model is designated for pressing of all common oilseeds. The drive is based on a 3-phase electric motor. The press enables only elementary process optimization by means of the output nozzle.



### FARMER 20 FM

This model is designated for pressing of all oilseeds - even the less common ones - with oil content above 12 %. The drive is based on a 3-phase electric motor and it is equipped with a frequency converter, which makes possible to adjust revolutions of the main drive. That improves the possibilities of process optimization.



### FARMER 20 - 4 kW

This model is suitable for pressing of hard oilseeds with low oil content (however no less than 10 %). The press is driven with more powerful 3-phase motor equipped with a frequency converter, which makes possible to adjust the revolutions of the main drive. That improves the possibilities of process optimization. The press is further fitted with special matrices for pressing of tiny seed (like amaranth, poppy, etc.).



PARAMETERS	VERSIONS OF FARMER 20 PRESSING UNIT		
	3F	FM	FM - 4 kW
Throughput [kg/hr]	16-24*	16-24*	16-24*
Input [kW]	2,2	3	4
Frequency converter		x	x
Voltage [V, Hz]	3 + PE + N, 3 x 230/400V, 50Hz		
Length [mm]	1700		
Width [mm]	1620		
Height [mm]	1530		
Weight [kg]	230 - 235		

\* The indicative figure - throughput depends on the type and characteristics of the processed seed.

The pressing unit Farmer 20 is designated for pressing of oilseeds of standard parameters and of minimal temperature +15 °C. Technical changes reserved.



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