

Oil Press Unit NFM 48

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Modularly extendable from 48 to 160 tonnes of seed per day



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We will fit Oil Press Unit NFM 48 to meet your needs

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Oil Press Unit NFM 48, consisting of 4 Oil Presses NF 12, a support frame, a 4000 litre stainless steel unpurified oil tank with agitator and a trough screw conveyor for cake removal, reaches its peak form with 4 drive motors, each with 15 kW/h.

This combination is characterised by its simple yet robust technology, making it ideal for newly industrialised countries. **Oil Press Unit NFM 48** is a fascinating unique product – in many senses of the word: the sophisticated technology of the speed control and the 3-step pressing process are extremely easy to use. At 48 metric tonnes of seed in 24 hours and a yield of approximately 12000 litres of oil, it runs very smoothly.

That is not all **Oil Press Unit NFM 48** has to offer to ensure you are able to work productively and economically. The fully automatic seed filling system can also optionally be operated via a flexible feed system for 4 to 16 presses. As another optional feature, protective magnetic separators and drum screen purifiers can pre-clean the seed.

Jatropha, sunflower seed, rapeseed, soya and several other types of seed – **Oil Press Unit NFM 48** deals with it. If you plan to relocate, the unit is easily transportable by truck as a container solution in a short space of time – and is also highly powerful. Fuji® control technology and the combination with the Rittal® switch cabinet ensure a smooth production process. .

We'll be there to assist you – from on-site assembly and training to our worldwide service!

The advantages at a glance

- 48 tonnes of seed input per day
- Output of approximately 12 tonnes of oil per day (depending on type of seed)
- 4 drive motors @ 15 kW/h
- Simple yet robust technology
- Modularly extendable (up to 160 tonnes of seed per day)
- Can be transported by truck
- Worldwide service

Optionally available

- Seed/drum purifier
- Fully automatic filling/flexible feed system (up to 16 oil presses)
- Oil filtration
 - Chamber filter press
 - Pressure plate filter
 - Decanter



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Technical details

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Type:	Screw press/ringseihler
Pressing:	Cold pressing
Length:	3600 mm
Width:	2700 mm
Total height:	2800 mm to top of funnel
Energy consumption:	400 V/60 kW
Gear box:	Shaft mounted helical gear unit, bevel toothed in the oil bath
Weight:	Approx. 5000 kg
Capacity per hour:	300 to 1700 kg seeds per hour (depending on the type of seeds to be pressed, purity and bulk weight of the seeds)
Electrical power:	4 x 15 kW/400 volt
Seeds:	For use with various seed types, such as rapeseeds, sunflower seeds, jatropha and soya.
Fields of application:	Food production, chemical products, pharmaceuticals, cosmetics and power generation

Models:	Prices:
NF 12 Oil Press	17.450,- Euro
Oil Press Unit NFM 48 (see scope of delivery p. 2)	85.350,- Euro
Flexible feed system for 1 unit	19.900,- Euro
Seed/drum purifier	8.990,- Euro
Oil Filtration/Chamber Filter Press	24.700,- Euro