

COMPLEX OILSEED PROCESSING

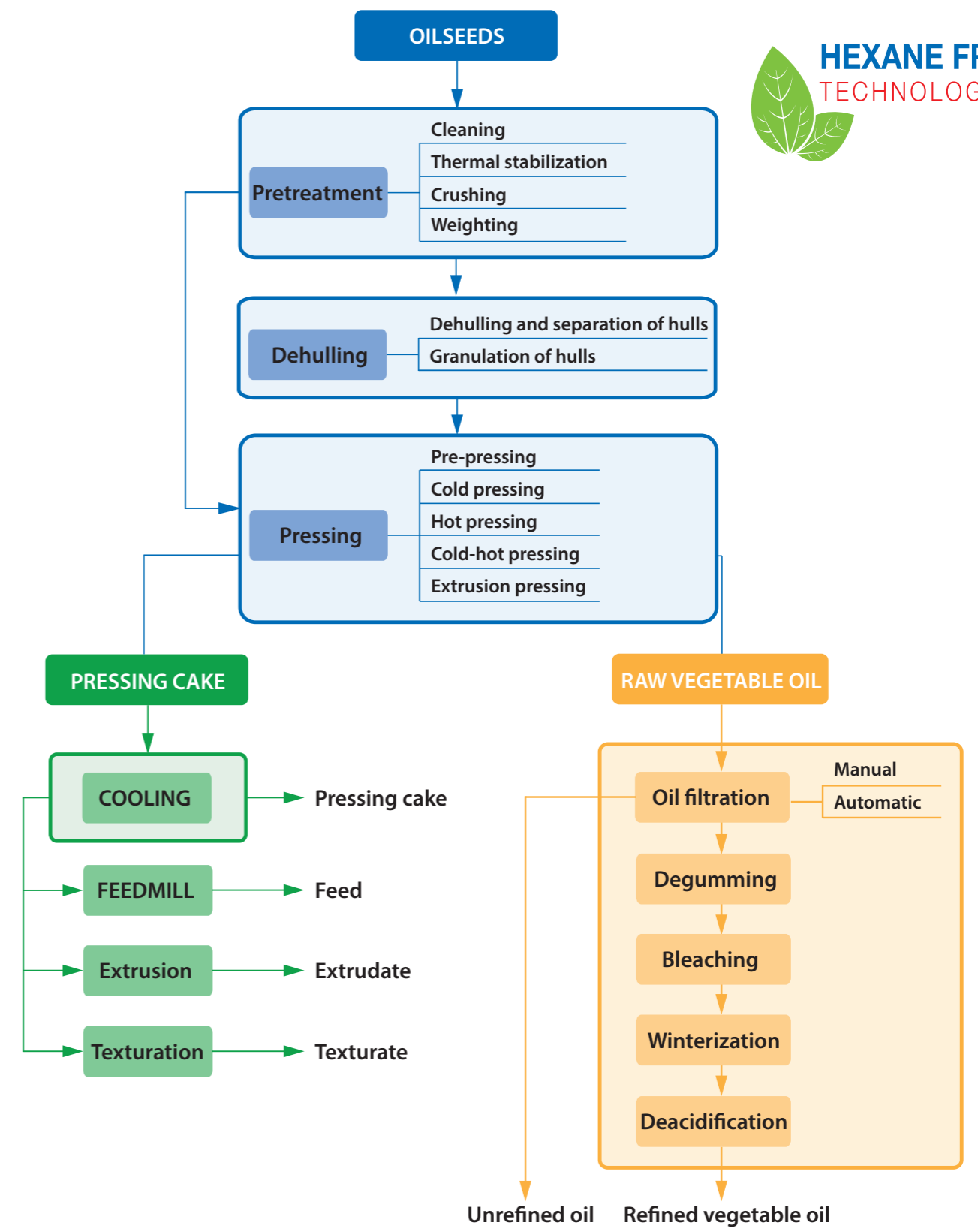
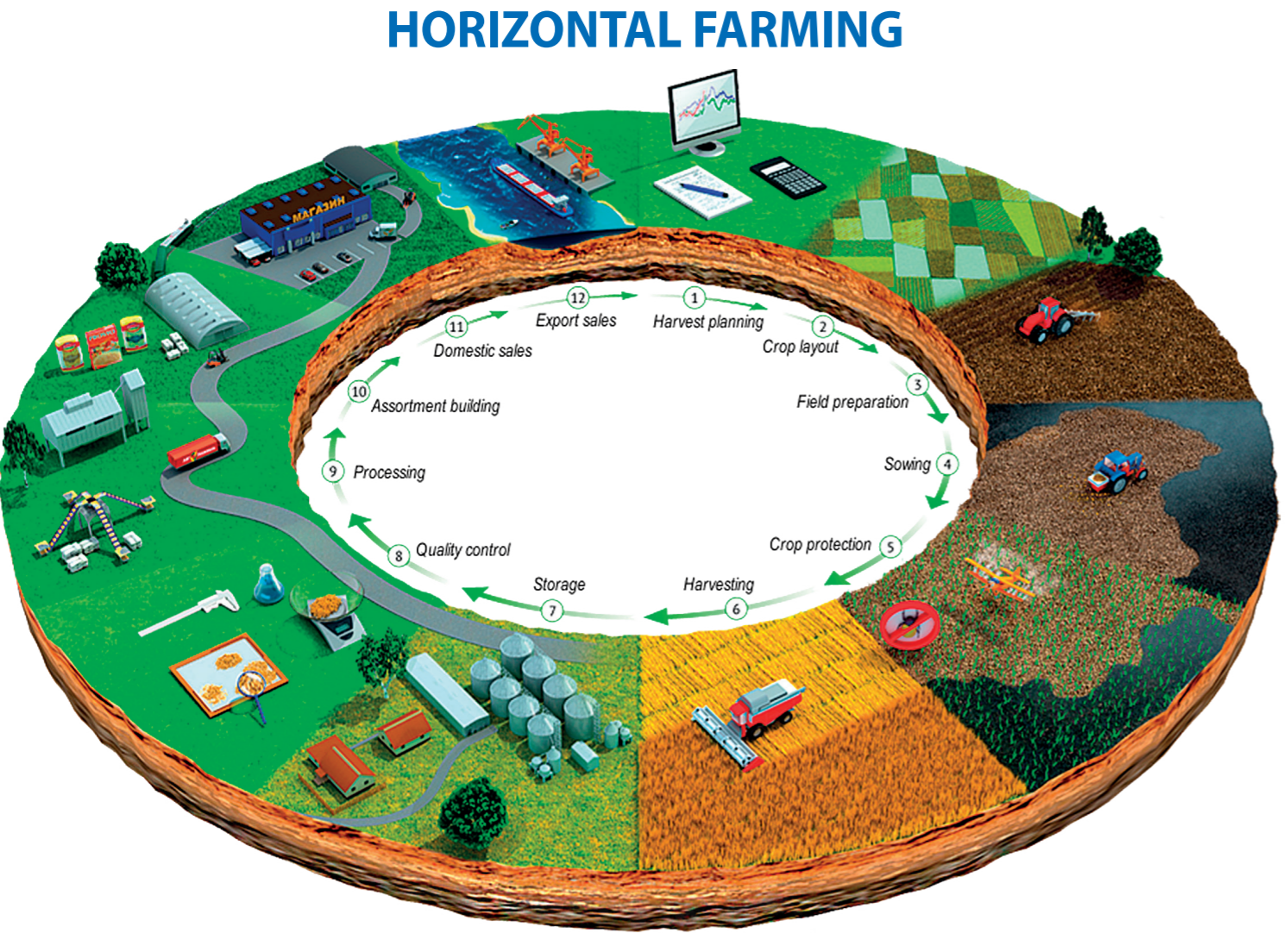


- **Unique conjunction of screw presses and feed extruders**
- **The lowest operational costs – advanced patented system of energy recovering**
- **The most economical as well as the most environmentally friendly technology**
- **You get optimal ratio of fat and protein content suitable for all categories of farm animals**
- **You can reach better feed digestibility at low costs**
- **Unique technology of physical oil refining with no use of chemicals**

HEXANE FREE TECHNOLOGY – NO CHEMICALS USED

- Unique customized solution (production plant optimized for specific oilseed)
- Pressing of wide range of traditional as well as unconventional oilseeds (rapeseed, sunflower, soybeans, flax, copra, hemp, etc.)
- Complex solution of a guarantee of excellent parameters
- We offer various methods of pressing (cold pressing, hot pressing, pre-pressing) as well as subsequent processing of vegetable oils
- Unique technology of extrusion pressing, including energy recovery system (RECU)

WE SUPPLY THE STATE-OF-THE-ART TECHNOLOGIES FOR PROCESSING OF OILSEEDS AND VEGETABLE OILS



- ▶ ENVIRONMENTALLY FRIENDLY TECHNOLOGIES
- ▶ LOW OPERATIONAL COSTS
- ▶ COMPLEX SOLUTION
- ▶ ENERGY RECOVERY SYSTEM



EXTRUSION PRESSING

Thanks to unique conjunction of a wide range of screw presses of oilseeds and feed extruders, we can proudly recommend this unique technology of extruder pressing. This combination of both technologies guarantees the best results namely at processing of soybeans, rapeseed, sunflower and other oilseeds.

Extrusion Pressing – Perfect Conjunction of Mechanical and Thermal Processing

...EP1 (one-level extruder pressing) – a technology of soybean processing

...EP2 (two-level extruder pressing) – an universal technology for processing of a wide range of oilseeds

- ▶ Utilizes the advantages of extrusion within the pressing technology (improves oil yield in subsequent pressing)
- ▶ Customized solution (wide range of production capacities)
- ▶ Technology does not use chemical solvents, produces no waste, it is environmentally friendly and has lower energy demand
- ▶ Enables processing produces of organic agriculture, GMO free, BIO products using hexane-free method
- ▶ Pressing cake is of high-quality, thermally treated, with high nutrition value – ideal for feed purposes, in particular for ruminants
- ▶ Produced oil is of high quality, with lower content of phospholipids against extraction
- ▶ The EP1 technology utilizes the unique system of heat recovery for lowering of operational costs and increasing of production capacity



FULL PRODUCT RANGE OF SCREW PRESSES AND EXTRUDERS

