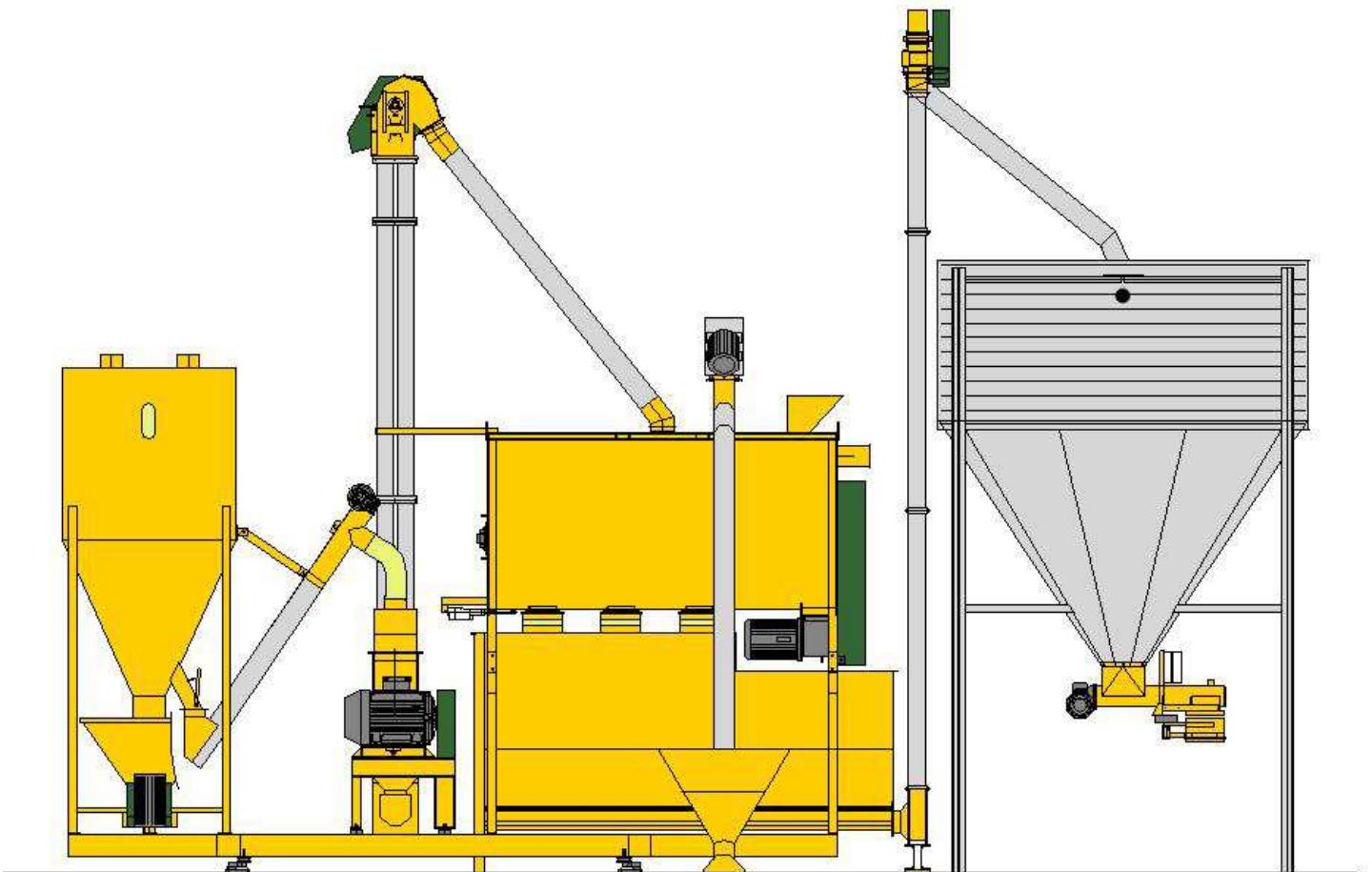


FEED PRODUCTION PLANT EXPORT 4 T/H to 6 T/H



FOR THE PREPARATION OF ANIMAL FEEDSTUFFS

EQUIPMENT DESCRIPTION

An MV3 pre-mixer:

Vertical, with level sight, capacity 2000 litres, motor 2.2 kW.
Loading by bottom hopper or through top cover with 4 machine inlets.
A helmet valve for discharging the mixer.



A feed auger:

Lifting, Ø150, with flow regulation flap.
Driven by 1.5 kW direct-drive motor-gearbox head unit with frequency converter
For regulating the grinding mill flow rate. Translucent flexible connection pipe.

Magnetic shielding: By permanent magnets in the inlet box of the grinding mill.

A type F 10 DD grinding mill:

Weld-fabricated body, thickness 10 mm, working width 310 mm.
Interchangeable wear plates.
Grid with 2-chain tensioning system.
Machined rotor mounted on bearings with SNH 513 baseplates and a shaft diameter of 60 mm.
Pulley and toothed V-belt transmission.
Electric motor 37 kW (option: 45 kW motor).
The whole mounted on UPN frame.



A pallet lifter for collection from under the grinding mill:

Height 5.5 metres, motor 2.2 kW.
Accessories and downpipes at the head of the lifter.

A type MH 3000 horizontal mixer:

Rotor with double reverse pitch blades on struts.
Useful capacity 2200 litres in batches of 1000 to 1200 kg.
7.5 kW motor-gearbox unit (option: 11 kW motor-gearbox unit for incorporating molasses)
Two discharge mouths with slide valves under tank opened simultaneously
by electric actuator.



A weighing machine frame:

Supporting all equipment.

Electronic weighing version III/S:

Storing of 8 formulas for 5 products, execution of a weighing cycle, option to weigh
different additives (oil, probiotics, CMV).
Delayed start of weighing by integrated clock, tare, reset, waste correction,
programming various items of data: flight weight, time delays etc.
4 sensors with 5/8 PLC and 5 auger contactors in box



A mineral auger:

Diameter 100 mm, 1.5 kW motor.
Conical loading hopper, protective grid, flow regulation valve.
Leaktight connection on mixer with translucent flexible downpipe

An additive hopper in the cover of the mixer

A pallet lifter for collection from under the mixer:

Height 6 metres, motor 3 kW.
With lower buffer hopper fitted with a conical extraction auger, length 3 m.
With cover, accessories and downpipes.



A finished feed storage bin:

In galvanised sheet, on legs, capacity 10 m3.
With synthetic canvas roof, electronic level detector
Discharge by slide valve.



An electrical cabinet for the servocontrol:

Thermomagnetic circuit breakers for pre-mixer, feed auger to the mixer, pallet lifters, mixer.

Automatic y-delta starter and flow-rate checking ammeter for the grinding mill.

1 "fault" indicator light and 1 "general power on" indicator light

1 general isolating switch controlled from the outside



OPTIONS

FOR COMPUTER DOSING OF PRODUCTS STORED IN BULK

FEEDO2000 software usage licence:

- Storage of an unlimited number of formulas from 21 basic products
- View on screen of all functions of the 5/8 PLC
- Stock management with detection of min thresholds of feed produced
- Printing of operations after each feed production run



FOR INCORPORATING MINERAL ADDITIVES

Mineral auger Ø100:

- 1.5 kW (2 HP) motor, length 4m
- With conical hopper
- Supplement for stainless steel hopper



FOR PACKAGING

A bagger for meal or pellets:*

Hopper with flange for fixing under bin.

Extraction by worm screw driven by motor-gearbox unit 1.1 kW.

A bagging mouth Ø275 mm, quick bag attachment, mounted on bending sensor.

An electrical control panel for servocontrol comprising:

- 1 thermal cutout,
- terminal block,
- 1 digital indicator with programmable threshold.

A two-speed frequency converter (high speed and finishing)

*not recommended for business transactions.



A portable stitcher:

For paper, polypropylene and jute bags.

Delivered with maintenance kit: oil can, set of wrenches,

1 Screwdriver, 1 set of carbon brushes

1 thread spool and 3 needles.

Option: stitching bench with belt with or without bag loader.



GENERAL OPERATING PRINCIPLE

Intended for all types of livestock feed (pigs, poultry, sheep, cattle, goats, etc.) these production plants produce quality feeds making use of locally-produced raw materials.

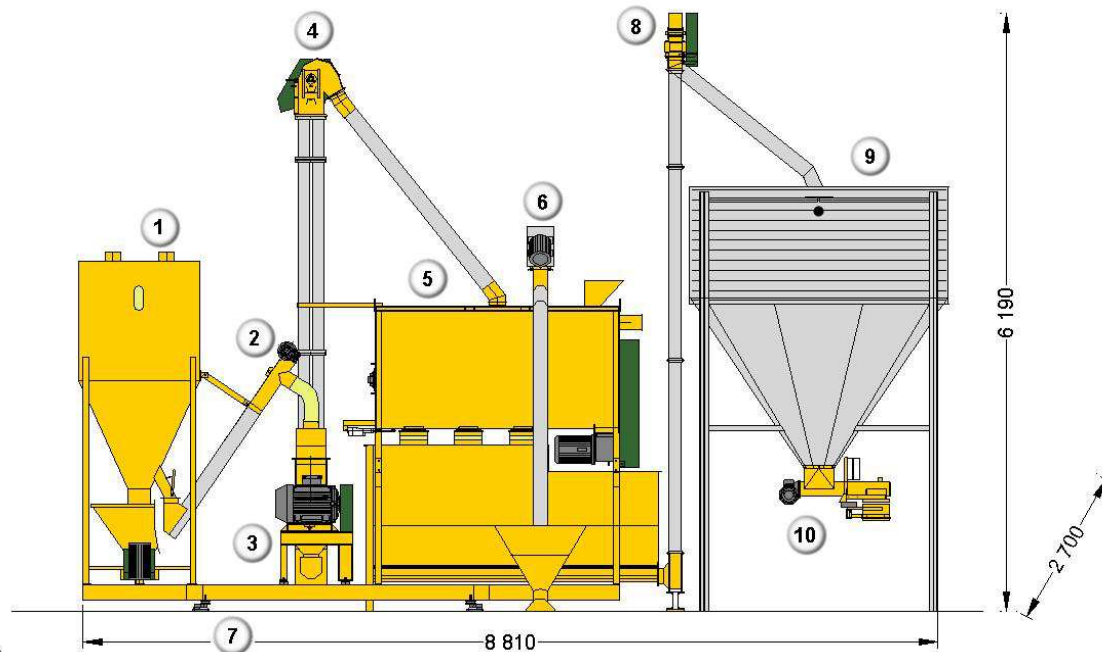
Their features include:

- The electronic weighing of all products: cereals, soya, bran, minerals, oil, etc.
- Computer management of recipes, stocks, calculation of cost prices and traceability of manufactured feeds with the FEEDO2000 software option
- The storage of finished feeds (with optional bagging-off and stitching)

This type of unit optimises the yield of the grinding mill by using the whole power of the motor for milling while diminishing environmental pollution: noise, dust, induced vibrations.

The finished feeds are transferred during the following cycle (in background mode) using a buffer hopper placed under the mixer in order to increase the throughput of the installation.

SCHEMATIC DIAGRAM



- | | |
|----|---|
| 1 | MV3 PRE-MIXER |
| 2 | LIFTING AUGER Ø150 |
| 3 | GRINDING MILL F10 DD |
| 4 | PALLET LIFTER H=5.5M |
| 5 | MH 3000 HORIZONTAL MIXER |
| 6 | WEIGHING FRAME |
| 7 | SUPPLEMENT AUGER Ø100 |
| 8 | PALLET LIFTER H=6M |
| 9 | STORAGE BIN 10 m3 |
| 10 | ELECTRONIC BAGGER (option) |
| 11 | PORTABLE STITCHER WITH BALANCER (option) |

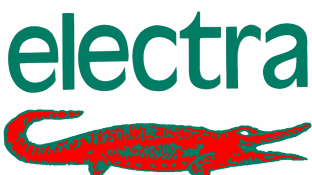
PACKAGING

1 TC 40 "

INSTALLED ELECTRICAL POWER

53 kW

The technical specifications may be subject to change without notice



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