



PELLETISING UNIT 1.5 to 3 T/H



Animal feedstuffs, aquaculture
organic fertilisers, biomass, etc.

EQUIPMENT DESCRIPTION

BIN	Galvanised storage bin, capacity 10m ³ , connecting flange on press, timed electronic level detector for controlling the solenoid valve.
PELLET PRESS	<p>type 350 II</p> <ul style="list-style-type: none"> • feeder driven by motor-gearbox unit 0.75 kW, • packager driven by motor-gearbox unit 5.5 kW <p>flowmeter for mixing water, 1 die Ø4.5 mm, 2 grooved rollers, driven by 2 x 30 kW electric motors, V-belt transmission under housing Flow Rate: 1.5 to 3 t/h depending on die and formula.</p>
BELT CONVEYOR	For collecting hot pellets from under the press, 1.1 kW motor-gearbox unit at the head, Head and foot in steel, galvanised ducts, PVC batten belt, Length 7.5m angled at 45°.
COOLER SIFTER	Cooling column with inlet hopper, Sifter with integrated extractor driven by 2 vibrator motors, Chassis in weld-fabricated profile, Centrifugal fan, 7.5 kW motor, 380 V three-phase Cyclone separator on legs for decompression and connecting pipes
BUCKET LIFTER	For collecting cold pellets, height 7m 1.5 kW motor-gearbox unit at the head, Head and foot in steel, galvanised ducts, plastic buckets, entry gusset, square outlet cone 160 x 160 and RDCA.
BIN	Galvanised, capacity 10 m ³ , on legs Manual emptying valve
ELECTRICAL CABINET	<p style="text-align: center;">For general servocontrol:</p> <ul style="list-style-type: none"> - 2 trip switches for the press with ammeter, - 2 trip switches for the feeder and packager, - 2 trip switches for the fan and sifter, - 2 trip switches for the belt conveyor and bucket lifter, - indicator lights on front panel, - master power switch and emergency stop button.



Pellet press



Cooler

OPTIONS

MUSL crumbler 20x80:

Rollers driven at different speeds.
admissible pellet diameter 2 to 5 mm
Throughput 8 t/h, power 7.5kW, rollers Ø200x800,
Roller speeds 570 rpm max 430 rpm min



Bagger for meal or pellets:

Adaptable inlet hopper under galvanised 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.
Frequency converter for 2 programmable speeds (high
flow rate and finishing), enables accuracy to be adjusted
with a high throughput.
1 indicator with programmable threshold

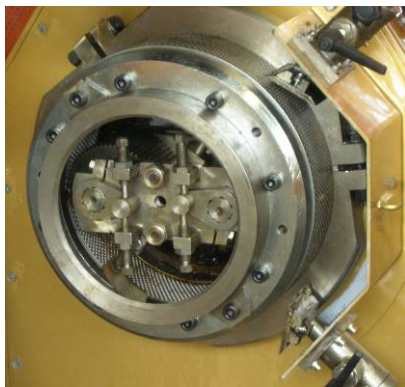


Portable stitcher:

for paper, polypropylene and jute bags.
Delivered with maintenance kit.



DETAILS



Internal view of the press



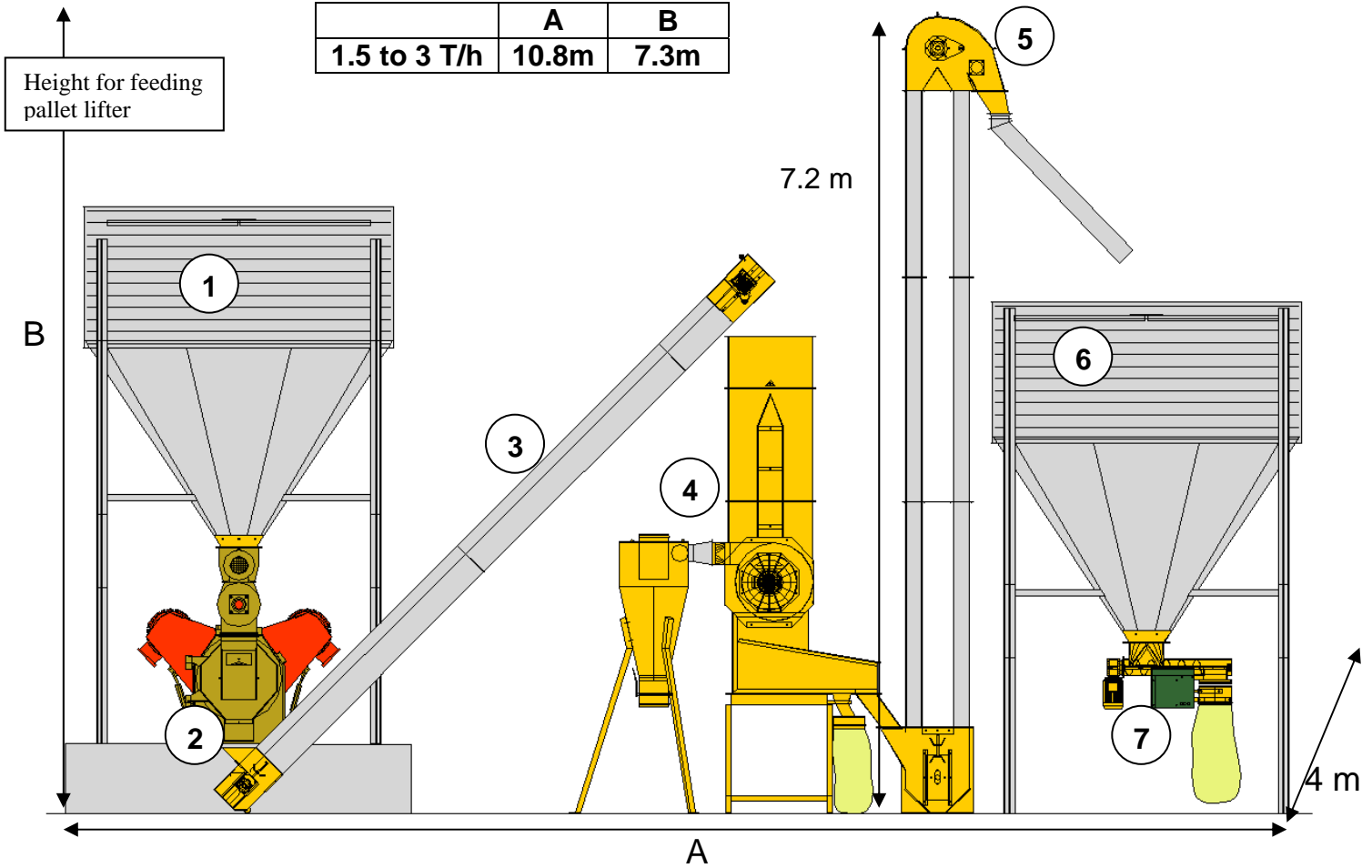
Examples of pellets



die

SCHEMATIC DIAGRAM

	A	B
	10.8m	7.3m



1	HOPPER ON PRESS
2	PELLET PRESS (ON CONCRETE BASE)
3	BELT CONVEYOR
4	VERTICAL COOLER WITH SIFTER
5	BUCKET LIFTER
6	STORAGE BIN
7	ELECTRONIC BAGGER

PACKAGING	1 TC 20''
INSTALLED ELECTRICAL POWER	77 kW

The technical specifications may be subject to change without notice

	<p style="margin: 0;">47170 POUDENAS - FRANCE</p> <p style="margin: 0;">Tel.: +33 (0)5 53 65 73 55</p> <p style="margin: 0;">Fax: +33 (0)5 53 97 33 05</p> <p style="margin: 0;">e-mail: elevage@electra.fr</p> <p style="margin: 0;">Internet: www.electra.fr</p>
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