



OFFICIAL PRODUCT CATALOG

# Dimatar 360

VACUUM-PRESS PACKAGING · STANDARD · MEDIUM · LARGE

**Vacuum + press**  
CORE TECHNOLOGY

**Single operator**  
OPERATING MODEL

**±1%**  
WEIGHING TOLERANCE

**6**  
PACKAGES / MIN

**55 kW**  
POWER CONSUMPTION

**300 t**  
DAILY CAPACITY

## TECHNOLOGY &amp; BUSINESS VALUE

## General Introduction

Dimatar 360 is a fully automatic industrial line that converts corn silage, beet pulp, fermented brewer's grains and moist biomass into vacuum-press packages. Single-operator operation,  $\pm 1\%$  weighing accuracy, 6 packages per minute and 55 kW power infrastructure deliver high-capacity production.

### VACUUM-PRESS PACKAGING

Product is compacted by pressing and vacuum-sealed under film to create airtight packages. Nutritional value is preserved; mould and spoilage risk is minimised. A hygienic, dense and storage-ready package structure is achieved.

### OPERATING PRINCIPLE

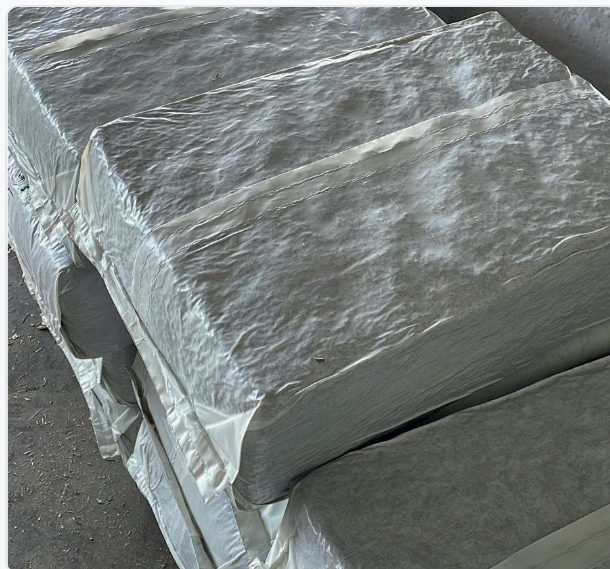
The packaging principle is vacuuming and

### STACKING & SHELF LIFE

Firm, compact packages stack safely; warehouse space is used efficiently and deformation in transit is prevented. An air and moisture barrier keeps product fresh longer and simplifies logistics planning.

### OPERATIONAL BENEFITS

300 tonnes / 24-hour packaging capacity, low feed



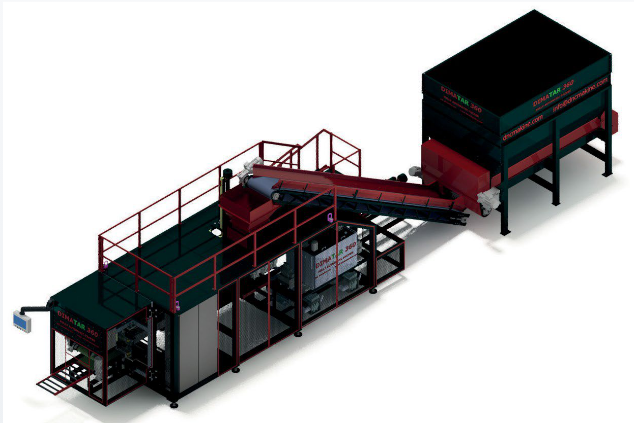
Vacuum-press package example



Packaging process on the line

LINE ARCHITECTURE

Main Machine Description



Full line view

Feeding, weighing, hydraulic press, vacuum and sealing modules operate integrated on a single line. Product is processed automatically from infeed to discharge with minimal manual intervention. Schneider automation and a 15.6-inch panel PC monitor, control and log the entire process. Hydraulic press is adjustable from 20–300 bar; modular chassis structure shortens maintenance and service time.

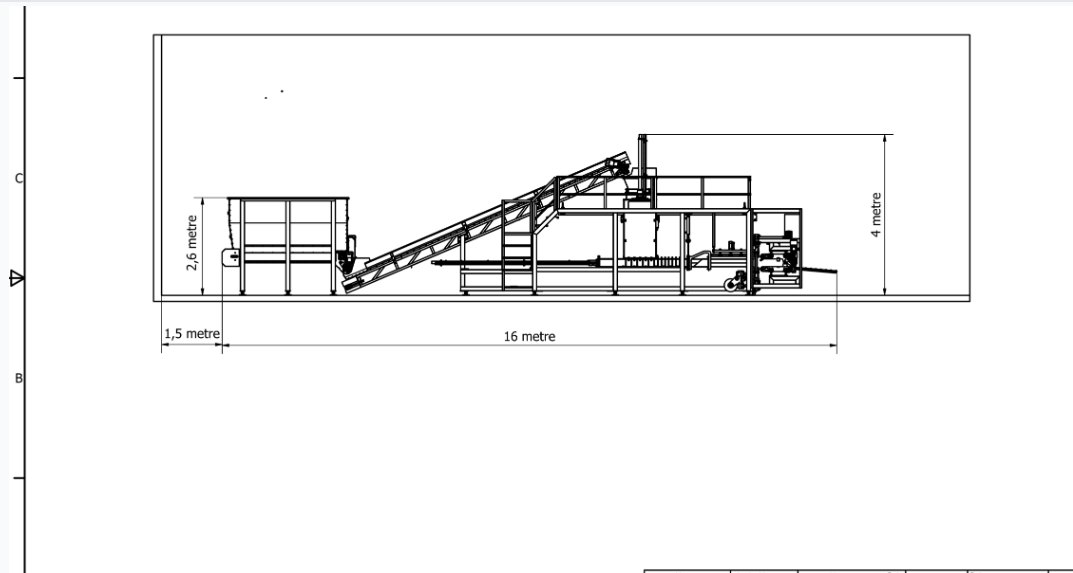
The line shares the same technological backbone across Standard, Medium and Large configurations with +1% weighing

|                |                 |
|----------------|-----------------|
| Power          | 55 kW           |
| Machine weight | 7–8 tonnes      |
| Length         | 14.700 mm       |
| Width          | 2.600 mm        |
| Operator       | Single operator |
| Compressed air | 6 – 8 bar       |

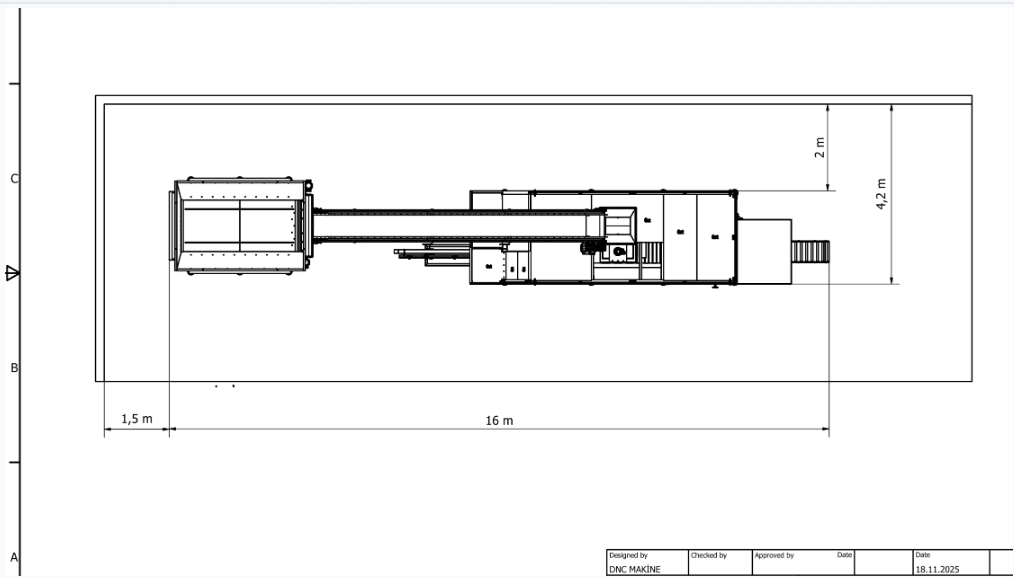
LINE PLAN

# Machine Layout Diagrams

Machine layout can be adapted to operational requirements. Contact us for details.



Side elevation — machine layout



|             |            |             |      |            |
|-------------|------------|-------------|------|------------|
| Designed by | Checked by | Approved by | Date | Date       |
| DNC MAKINE  |            |             |      | 18.11.2025 |

Plan view — line arrangement

STANDARD · MEDIUM · LARGE

## Package Configurations

All three package sizes share the same vacuum–press technology; choose the right configuration for your tonnage, storage and logistics requirements.

| STANDARD SIZE                                                           |             |
|-------------------------------------------------------------------------|-------------|
| 11 t/hour fixed output; compact bale geometry and high line efficiency. |             |
| Bale weight                                                             | 10 – 30 kg  |
| Hourly output                                                           | 11 t / hour |
| Packages / min                                                          | 6 – 7       |
| Tolerance                                                               | %1          |
| Power                                                                   | 55 kW       |

| MEDIUM SIZE                                                                  |                   |
|------------------------------------------------------------------------------|-------------------|
| 7–14.5 t/hour variable output; wide weight range and production flexibility. |                   |
| Bale weight                                                                  | 15 – 40 kg        |
| Hourly output                                                                | 7 – 14.5 t / hour |
| Packages / min                                                               | 5 – 6             |
| Tolerance                                                                    | %1                |
| Power                                                                        | 55 kW             |

| LARGE SIZE                                                                 |            |
|----------------------------------------------------------------------------|------------|
| 18 t/hour maximum output; industrial–scale continuous production capacity. |            |
| Bale weight                                                                | 20 – 50 kg |

PACKAGE CONFIGURATION

STANDARD SIZE

W350 × H180 × L500–700 mm · 11 t / hour

11 t/hour fixed output; compact bale geometry and high line efficiency.

STANDARD SIZE — Mechanical Specifications

|                  |                           |
|------------------|---------------------------|
| Bale weight      | 10 – 30 kg                |
| Bale dimensions  | W350 × H180 × L500–700 mm |
| Hourly output    | 11 t / hour               |
| Packages / min   | 6 – 7                     |
| Weight tolerance | ±1%                       |

STANDARD SIZE — Electrical Specifications

|                                                     |                                 |
|-----------------------------------------------------|---------------------------------|
| Shared electrical infrastructure<br>Weighing hopper | 0 – 40 kg                       |
| Power consumption<br>Machine dimensions (L×W×H)     | 55 kW<br>2600 × 14700 × 4500 mm |
| Supply voltage                                      | 380 – 400 V, 3-phase            |
| Frequency                                           | 50 Hz                           |
| Air pressure                                        | 6 – 8 bar                       |
| Compressor motor                                    | 7.5 kW                          |

PACKAGE CONFIGURATION

MEDIUM SIZE

W400 × H230 × L550–700 mm · 7 – 14.5 t / hour

7–14.5 t/hour variable output; wide weight range and production flexibility.

MEDIUM SIZE — Mechanical Specifications

|                  |                           |
|------------------|---------------------------|
| Bale weight      | 15 – 40 kg                |
| Bale dimensions  | W400 × H230 × L550–700 mm |
| Hourly output    | 7 – 14.5 t / hour         |
| Packages / min   | 5 – 6                     |
| Weight tolerance | ±1%                       |

MEDIUM SIZE — Electrical Specifications

|                                                     |                                 |
|-----------------------------------------------------|---------------------------------|
| Shared electrical infrastructure<br>Weighing hopper | 0 – 50 kg                       |
| Power consumption<br>Machine dimensions (L×W×H)     | 55 kW<br>2600 × 14700 × 4500 mm |
| Supply voltage                                      | 380 – 400 V, 3-phase            |
| Frequency                                           | 50 Hz                           |
| Air pressure                                        | 6 – 8 bar                       |
| Compressor motor                                    | 7.5 kW                          |

PACKAGE CONFIGURATION

LARGE SIZE

W400 × H350 × L550–700 mm · 18 t / hour

18 t/hour maximum output; industrial-scale continuous production capacity.

LARGE SIZE — Mechanical Specifications

|                  |                           |
|------------------|---------------------------|
| Bale weight      | 20 – 50 kg                |
| Bale dimensions  | W400 × H350 × L550–700 mm |
| Hourly output    | 18 t / hour               |
| Packages / min   | 4 – 6                     |
| Weight tolerance | ±1%                       |

LARGE SIZE — Electrical Specifications

|                                                     |                                 |
|-----------------------------------------------------|---------------------------------|
| Shared electrical infrastructure<br>Weighing hopper | 0 – 60 kg                       |
| Power consumption<br>Machine dimensions (L×W×H)     | 55 kW<br>2600 × 14700 × 5000 mm |
| Supply voltage                                      | 380 – 400 V, 3-phase            |
| Frequency                                           | 50 Hz                           |
| Air pressure                                        | 6 – 8 bar                       |
| Compressor motor                                    | 7.5 kW                          |



**DELIVERY & SUPPORT**

## Dimatar 360

*DIMATAR 360 DELIVERS HIGH CAPACITY, RELIABLE TECHNOLOGY AND SCALABLE PACKAGING SOLUTIONS UNDER ONE ROOF. CONTACT OUR TEAM FOR THE NEXT STEP.*

### INTERNATIONAL

International road and sea freight: one 40 ft High Cube container. Disassembled shipment is suitable for container transport.

### DOMESTIC

Domestic: one 13.60 m curtain-side truck and tractor-trailer.

Logistics conditions apply to all Standard, Medium and Large configurations.

### SMART PACK SYSTEMS

## Contact

Contact our sales team for quotation, capacity planning and layout consultancy.

#### PHONE

+90 506 154 44  
69  
+90 549 661 19 89

#### EMAIL

dimainfo@dncma  
kine.com

#### ADDRESS

Yedi Eylül  
Mahallesi 5530  
Sokak No:22,  
Torbalı / İZMİR

