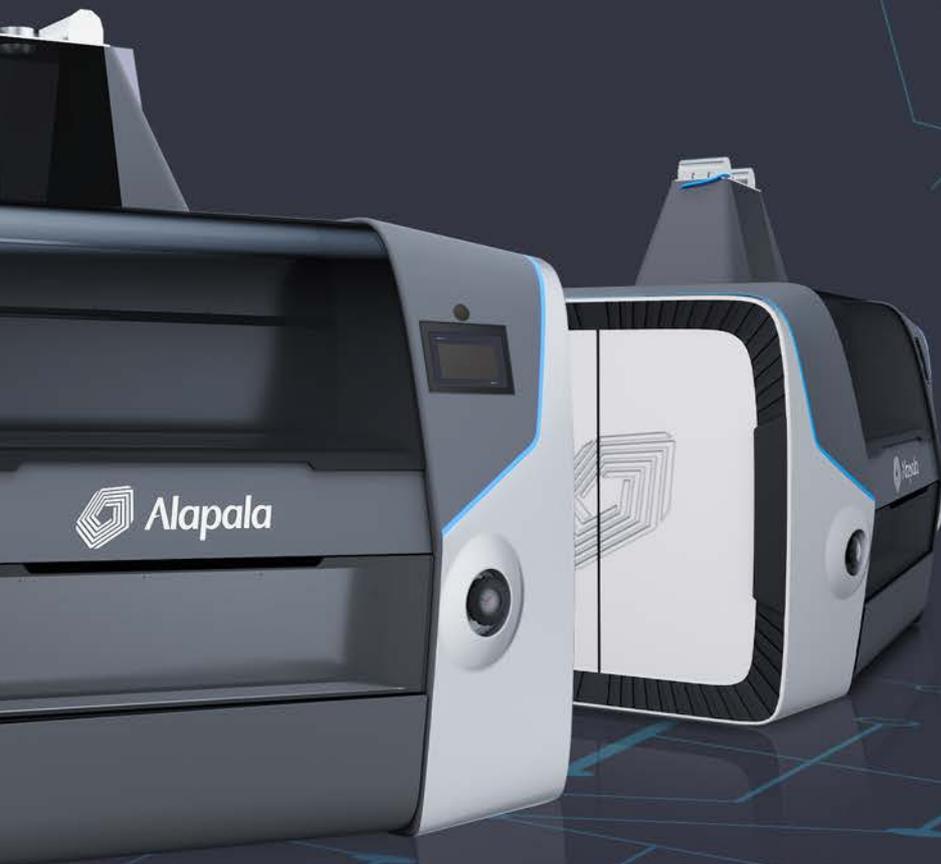
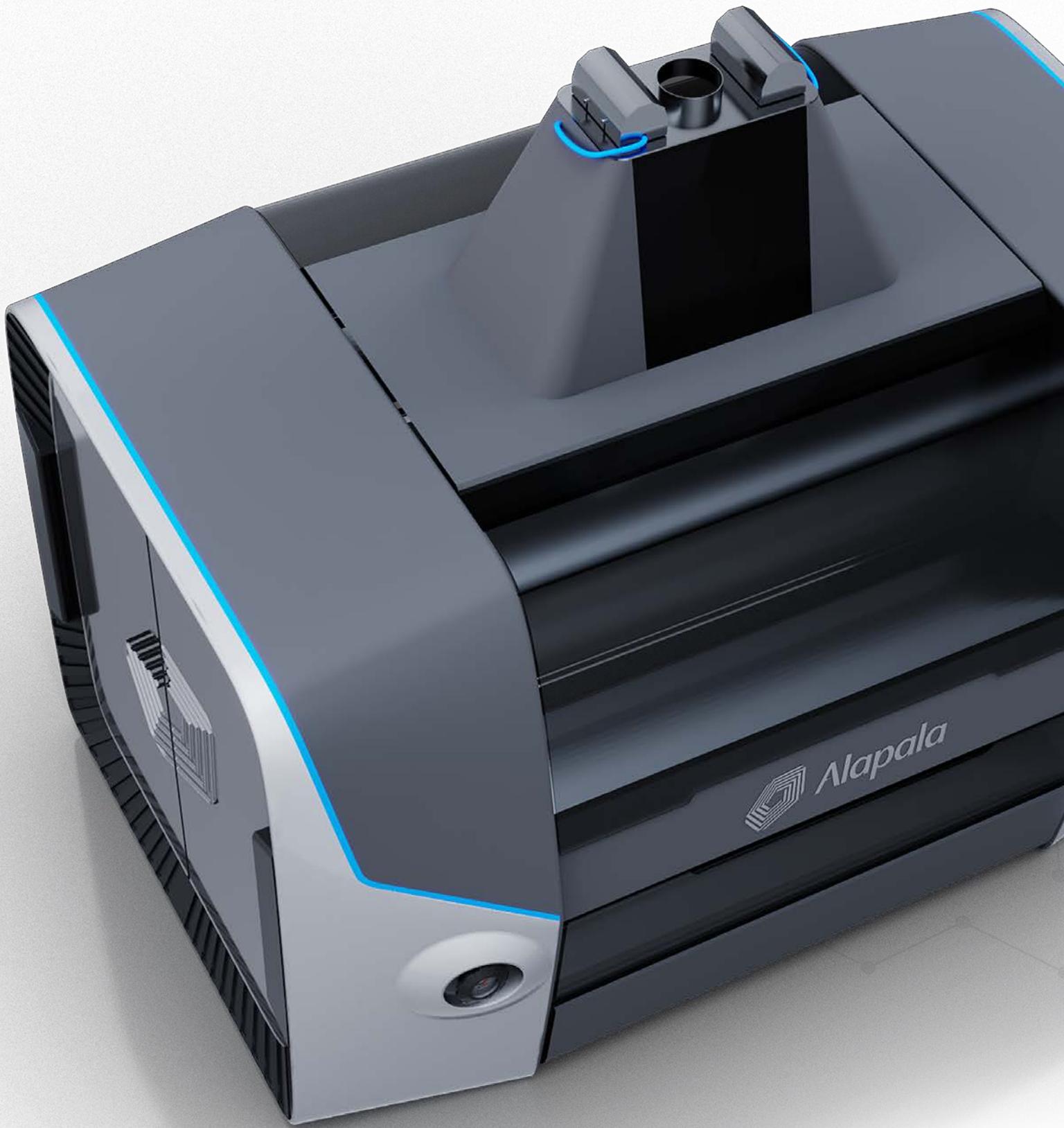


# NEW SIMILAGO II

with the know-how and expertise of Alapala for  
more than 65 years in grain milling

**NEW DESIGN  
NEW PHILOSOPHY  
NEW STANDARDS**





# NEW SIMILAGO II

Designed to meet  
the future's  
expectations

**NEW SIMILAGO II** Roller Mill is the result of know-how and expertise of Alapala for more than 65 years in grain milling.

New standards in reliability, efficiency, and sanitation, but that's not all...

**NEW SIMILAGO II** roller mill is also ready to meet the future's expectations from today with its digital innovations.

# perfect evolution of a new design and technology

While we have entered through the digital era in industry, we created **NEW SIMILAGO II** roller mill which stands out with a new futuristic design, technology, and an improved functionality for its users.

The roller mill's industrial design development process has been carried out in the collaboration of Alapala R&D team with **ITALDESIGN**.

Moreover implementing digital technologies into milling, **NEW SIMILAGO II** roller mill's technological foundations are now ready to incorporate with next generation's milling systems.

designed by





# Ultimate Grinding Performance



## **NEW SIMILAGO II**

is equipped with high technology electronic control systems for a continuous and consistent performance in the grinding of cereals, such as wheat, maize (corn), rye, spelt, barley and sorghum.

## Feeding Control Systems

### Stock Level Control

The product level at the inlet bunker is controlled by using load cells, which sends signals via PLC to adjust the feed roll speed accordingly.

### Feed Roll Speed Monitoring

Rotational speed of feed rolls is monitored against an unexpected stop due to belt problem, etc.

### Feeding Gap Adjustment

Manual feeding gap adjustment mechanism ensures a uniform flow on feed rolls.

## Grinding Control Systems

### Motor Load Monitoring

Main motor load is constantly measured for protection against any possible damage.

### Main Roll Speed Monitoring

The rotational speed of grinding rolls is monitored against an unexpected stop due to belt problem, etc.

### Air Pressure Monitoring

The system detects air pressure losses in the pneumatic system, which directly affects the grinding pressure of rolls.

### Semi Automatic Roll Gap Adjustment

The roll gap adjustment setting can be carried out from the touchscreen control panel (optional), by means of electric pistons.

### Belt Temperature Monitoring

The system detects overheating of the timing belt, which can be an early prevention signal for any failure on the main drive system.

## Discharge Control Systems

### Clogging Sensor

The system ensures proper material flow in the machine, by detecting and warning about any dogging etc. problem inside the lower hopper.



## NEW SIMILAGO II

**Sanitation**  
is the key for  
safe food processing.

**NEW SIMILAGO II** is built to comply with the high sanitation standards and ensure food safety.

The roller mill's all front structure is isolated and smoothed against adhering and condensation risk.

### **Stainless steel product contact surfaces**

is also available as an option.

**Time  
Saving**  
Solutions.

### **Quick Roll Change**

Roll change operation can be performed in just 20 minutes, with is a significant reduction in down times. Also, the operation can be carried out easily with only using a standard tool set.

### **Central Lubrication System**

The system allows one-point and automatic lubrication of bearings with a proper distribution at nearly 30 different points; as another time saving, convenient, and reliable maintenance solution.

### **Easy Removal of Parts**

The lower chamber of feeding system can be easily set to fully open position with only a single movement. The doors and covers can also be quickly removed for easy access for cleaning.



INNOVATIONS



## NEW SIMILAGO II



### Variants

- 800 mm, 1.000 mm or 1.250 mm roll length
- 250 mm (standard) or 300 mm roll diameter
- Double Deck version to save from space
- Direct Pick-Up Version



### Accessories

- Main drive motor, incl. pulleys and belts \*
- Motor mounting profile beams and fasteners \*
- Electrical motor trays \*
- Floor mount metal chassis incl. anchor bolts \*
- Roll disassembly trolley incl. toolbox \*
- Pulley and bearings disassembly set \*
- Discharge hoppers

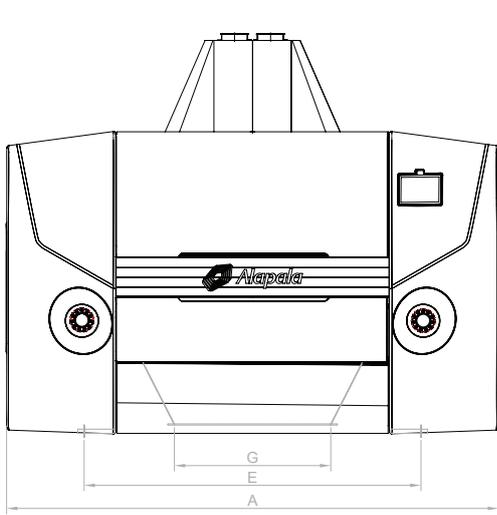
(\*) Only supplied as standard in turnkey projects



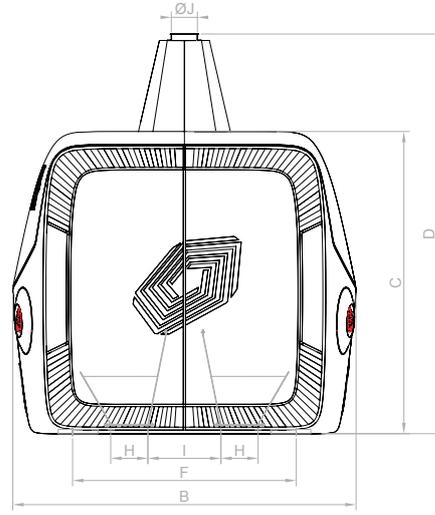
### Options

- Stainless Steel Contact Surfaces
- Semi Automatic Roll Gap Adjustment
- Central Lubrication System

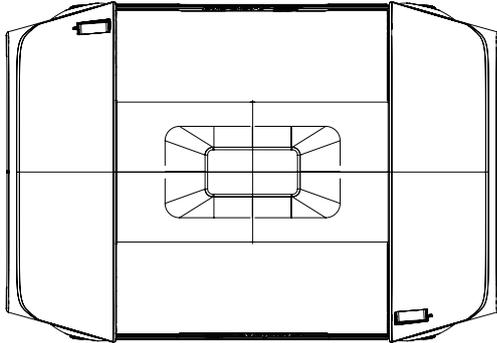
# SPECIFICATIONS



Front View



Side View



Top View

DIMENSIONS (mm)										TECHNICAL FEATURES				
MODEL	A	B	C	D	E	F	G	H	I	ØJ	Feed Roll Motor (kW)	Weight (Kg)		Gross Volume (m <sup>3</sup> )
												Net	Gross	
DAVF 4 x ø 250 / 800	1815	1580	1402	1854	1100	1030	680	186	530	Ø120 Ø150	0.75	2950	3050	7.5
DAVF 4 x ø 250 / 1000	2015				1300		880					3140	3470	8.2
DAVF 4 x ø 250 / 1250	2265				1550		1130					3410	3740	9.2
DAVF 8 x ø 250 / 800	1916		1996	2438	1100		680					5285	5595	8.8
DAVF 8 x ø 250 / 1000	2116				1300		880					5790	6132	9.8
DAVF 8 x ø 250 / 1250	2266				1550		1130					6580	6935	10.9

DISCLAIMER: Alapala Diş Ticaret San. ve Tic. A.Ş., believes the specifications in this brochure to be correct at the time of printing. However, specifications, standard equipment, options, and colors are subject to change without notice. Some equipment may be unavailable when your machinery is built. Please ask your sales representative for advice concerning current availability of standard and optional equipment, and your sales representative will verify that your machinery will include the equipment you ordered. Some of the machinery in this brochure are shown with optional equipment. "Alapala", all model names, "Roller Adjustment Technology," and the hexagon logo are registered trademarks of Alapala Diş Ticaret San. ve Tic. A.Ş."



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