SWEET COFFEE
ITALIA

GEMMA 8IND®

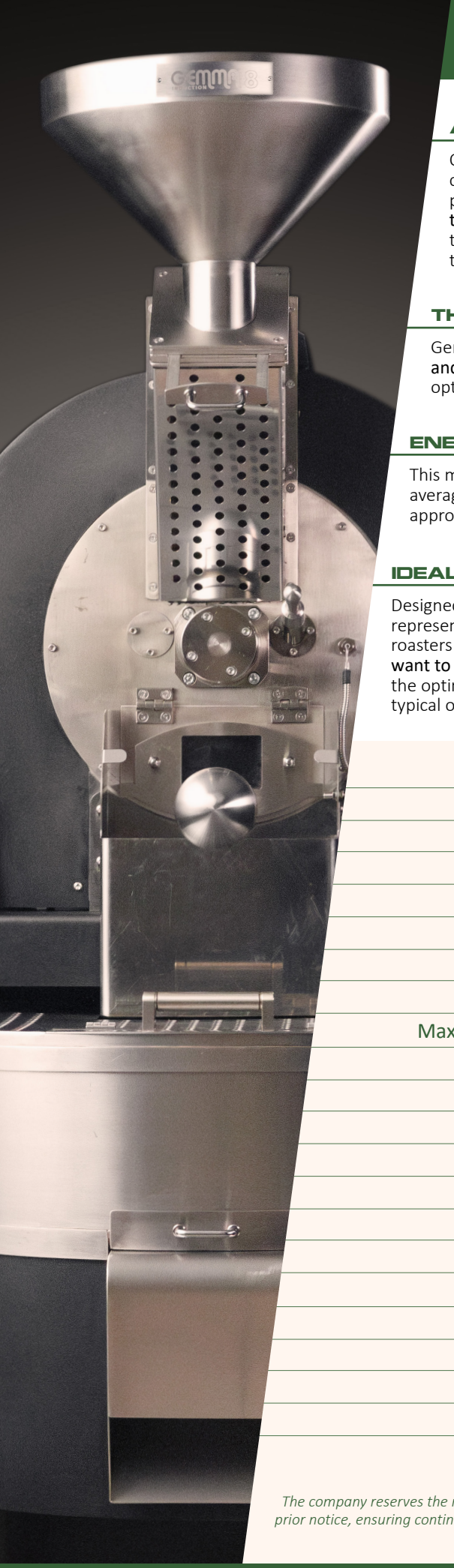
- Offers the perfect balance between production capacity and quality craftsmanship, ideal for those looking to expand production while maintaining high quality control.

- It significantly reduces energy consumption, eliminates NOx emissions and lowers environmental impact, offering an environmentally friendly solution without compromising performance.

Discover more

FROM GREEN COFFEE TO GREEN ROASTING, A SUSTAINABLE SOLUTION.

GEMMA 8IND®



ADVANCED ROASTING TECHNOLOGY

Our green philosophy continues with the Gemma 8IND® model, also based on the concept of **all-electric operation**. The chamber is thermoregulated by exploiting the physical phenomenon of induction: **a magnetic field generated near the steel raises its temperature by induced currents**. This method of control is more effective, quicker in the variations dictated by the operator and free from overtemperature phenomena, all to the benefit of precision in cooking the grain.

THE SYNERGY OF 3 FORCES FOR PERFECT ROASTING

Gemma 8IND® roaster exploits all three principles of heat transfer - **convection, radiation and conduction** - in perfect harmony and synergy, guaranteeing uniform roasting and optimising the overall performance of the coffee.

ENERGY-SAVING AND PRODUCTIVE

This model takes efficiency to a new level for medium-scale production. With an estimated average consumption of around 350 watts per kg of roast, the machine offers a capacity approaching **30 kg/h** without compromising on the quality of the result.

IDEAL SOLUTION FOR RETAIL AND SMALL-SCALE PRODUCTION

Designed for retail-oriented establishments and small commercial activities, the Gemma 8IND® represents the perfect balance between production capacity and quality craftsmanship. It allows roasters to expand their production while maintaining high quality control, **ideal for those who want to start or expand a fresh roasted coffee business**. Its efficiency and versatility make it the optimal choice for those looking to balance increasing volumes with the attention to detail typical of niche processing.

Load capacity	Kg	8
Control unit	mod.	Gefran 3850 T
Drum diameter	mm	340
Drum length	mm	420
Calculated loading volume	cm^3	19000
Roasting cycle time	min.	6/20
Maximum load capacity	g	10000
Maximum drum rotation speed	g/min	75
Maximum drive torque of drum shaft	Nm	31
Displayed zones	n°	4
Thermoregulated zones	n°	4
Total heater power	Watt	15000
Air requirement for cooling	m^3/h	45,6
Oil content	l	no
Cooler motor group power	Watt	250
Drum motor group power	Watt	750
Roasting cycle average power	Watt/h	3750
Total installed power	Watt	16000
Power supply 3f+N+Earth	Volt	400
Power supply (current)	A	22
Total net weight	Kg	350
Overall dimensions (LxWxH)	mm	2000x1700x1900

The company reserves the right to modify data and specifications without prior notice, ensuring continuous improvement and alignment with market demands.

COFFEE STAR INDUCTION S.R.L

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