



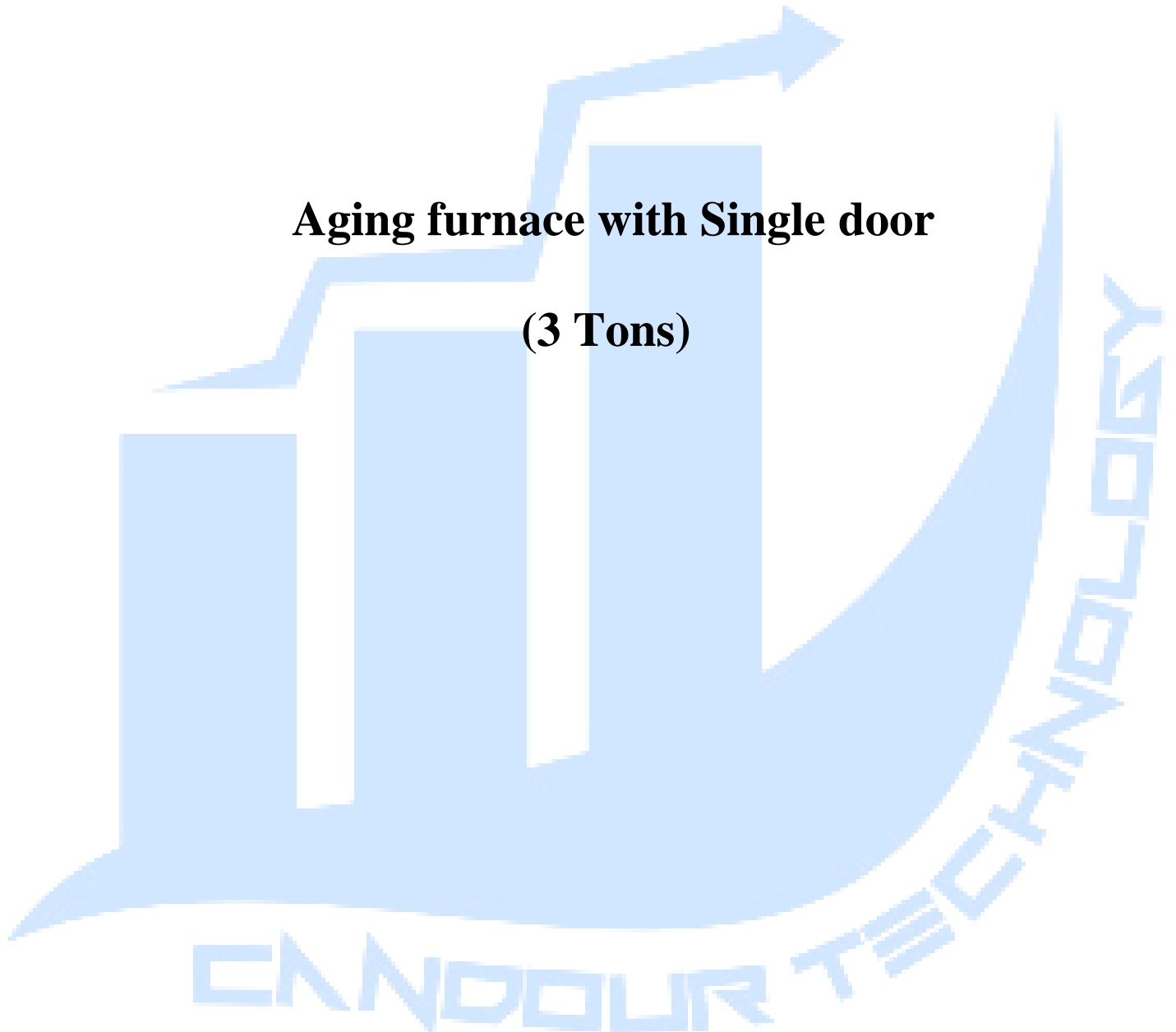
CANDOUR TECHNOLOGY

VILL- JAKHODA DELHI ROHTAK ROAD, NEAR HANUMAN MANDIR, BAHADURGARH, DIST-
JHAJHAR, HARYANA, 124507, INDIA

Email- info@candourtechnology.in, website- www.candourtechnology.in

Aging furnace with Single door

(3 Tons)





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Aging furnace with Single door

Our aging furnace is designed for various types of profile in purpose of Aluminum aging processing. As for global marketing over the years, there are growing business expansion in countries and regions like Greece, Jordan etc. From 2T to 50T processing ability, our aging furnace product range ensures high quality as well as stable functions according to customer's feedback. Also, our aging furnace has ability and capability to meet any requirements for constructional profile and industrial profile processing.

Our company has experienced, sophisticated production technology and strict manufacturing process. Our aging furnace is manufactured in our plant and then re-installed in customer's site as desired. Our aging furnace includes electricity heating, gas heating and diesel oil heating.



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Features:

Blower: consists of double suction blower, in high pressure and large volume, able to meet heat up time standard and warm keeping demand. Unto 15000 CFM @ 16 m/s velocity.

Thermal insulation: combined with high quality thermal blanket in 200mm thickness. Largely reduce power supply consumption, energy saving and creates more profits.

Seal up: space between oven door and oven is sealed up with mild steel network and thermal blanket. Also, conjunction parts such as blower and heating valve are in sealed design to ensure excellent performance in production.

Temperature detection: two sections of temperature detection.

Bearing: material carts are equipped with high temperature bearing.

Temperature control: furnace is equipped with over-heated and over-due protective alarm indicating via sound & light alarming.



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Parameter

Item	Description
Control voltage	220VAC/24VDC
voltage	415V AC
Air deflector	Positioned at rear side
Furnace	Mild Steel
Single door	The chain/rope drive of the turbine reducer is lifted and lowered
Double suction blower	1 unit (power:11kw);blower adopts 4 mm、6 mm mild steel plate
Oven size	1800 x 1800 x 6100 mm
capacity	04 basket
External and internal plate of oven	2mm, 3mm Mild Steel plate
Other spares	Mild steel plates
Pulling system	2 units of material trolley; cycloidal-pin gear speed reducer with chain for delivering in and out of oven
Temperature control	Full auto heating
Burner	Natural gas burner, Bentone, Sweden, BG400 (1Set)
Natural gas calorific value	4200Kcal/m ³
Gas consumption	8-10 m ³ /T
Thermal insulation	Thickness 125 mm aluminum silicate cotton



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furnace size	1800 x 1800 x 6100 mm
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Maximum furnace loading in theory		3000 Kg (APPROX)
L×W×H Material container size		2 SET 4500×800× 800 (mm)
Furnace internal temperature range		±5 °C
power	Blower	11 KW
	Oven door electrical motor	2.2 KW×1
	Pulling electrical motor	4KW×1
Operation method		Manual/auto

Equipment components

Main electrical appliance by Schneider

System	Item	Description	Manufacturer	Note
Electrical control system	AC contactor	LC1E	Schneider	France
	Thermal relay	LR	Schneider	France
	Time delay module	LADS2	Schneider	France
	Auxiliary module	LADN11C	Schneider	France
	Molded Case Circuit Breakers	NSC250S	Schneider	France

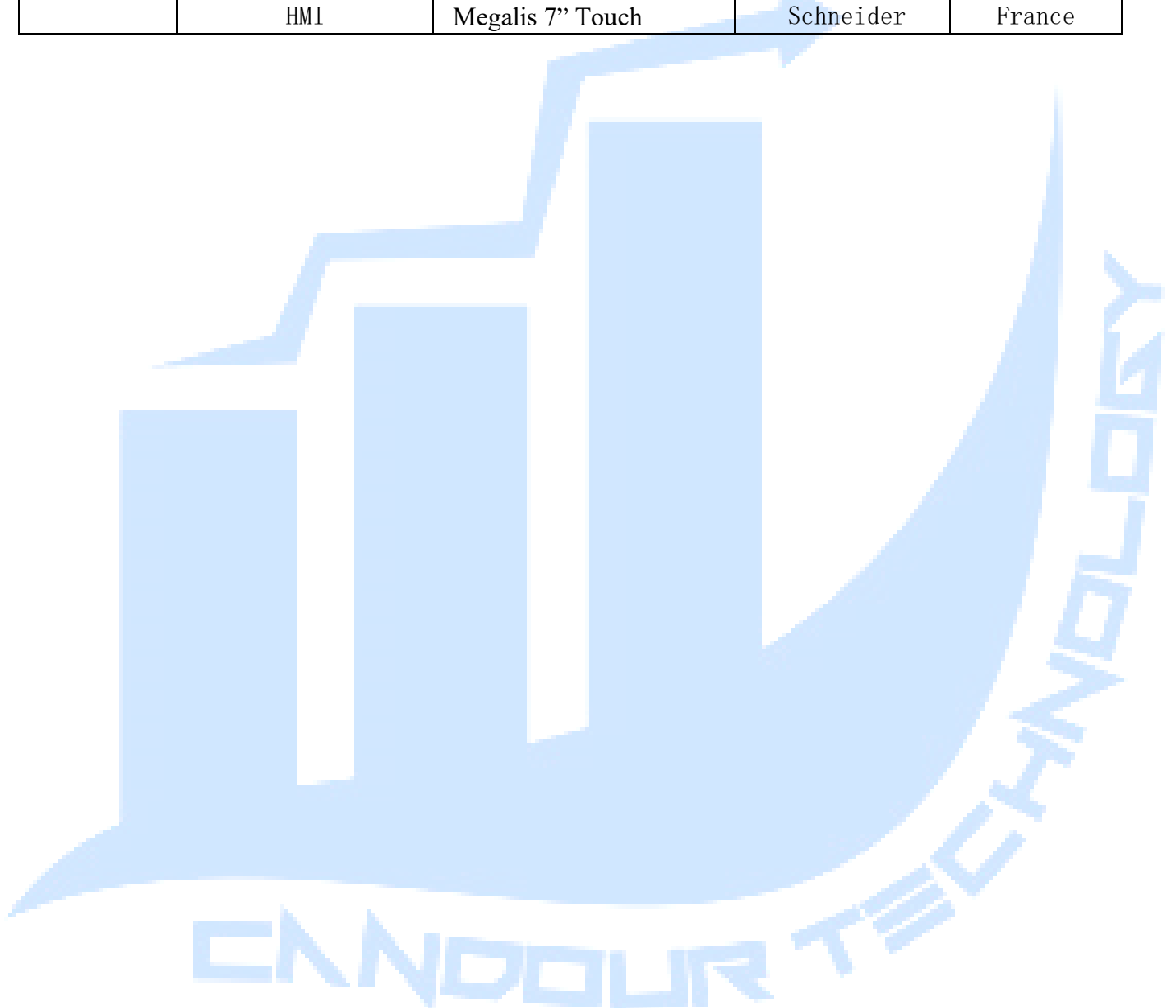


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Circuit breaker	OSMC32N	Schneider	France
Emergency stop	ZB2 BS54C	Schneider	France
The second switch	ZB2 BD2C	Schneider	France
PLC	T200 40R	Schneider	France
HMI	Megalis 7" Touch	Schneider	France





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Contactor		Schneider	France
Contactor	ZB2 BZ102C	Schneider	France
Flat button with light	ZB2BWM41C Red	Schneider	France
Flat button with light	ZB2BWM31C green	Schneider	France
Temperature controller	By PLC	Schneider	France
Burner	Exclusive natural gas burner	Bentone	Sweden
Blower	Multi-blade double suction	Candour	India
Belt cover	2mm steel plate	Candour	India
Blower top cover	[10 channel steel plate, 2mm steel plate	Candour	India
Explosion proof	2mm steel plate	Candour	India
Air system	3mm	Candour	India

Features

The Ageing oven herein is equipped with new design of large power double suction blower which ensures efficient air volume compared with old design of blower and makes sure internal oven temperature much more well-distributed; another outstanding advantage of such die oven is less noises so as to meet environmental requirement; schemed with double door design improves production efficiency; what's



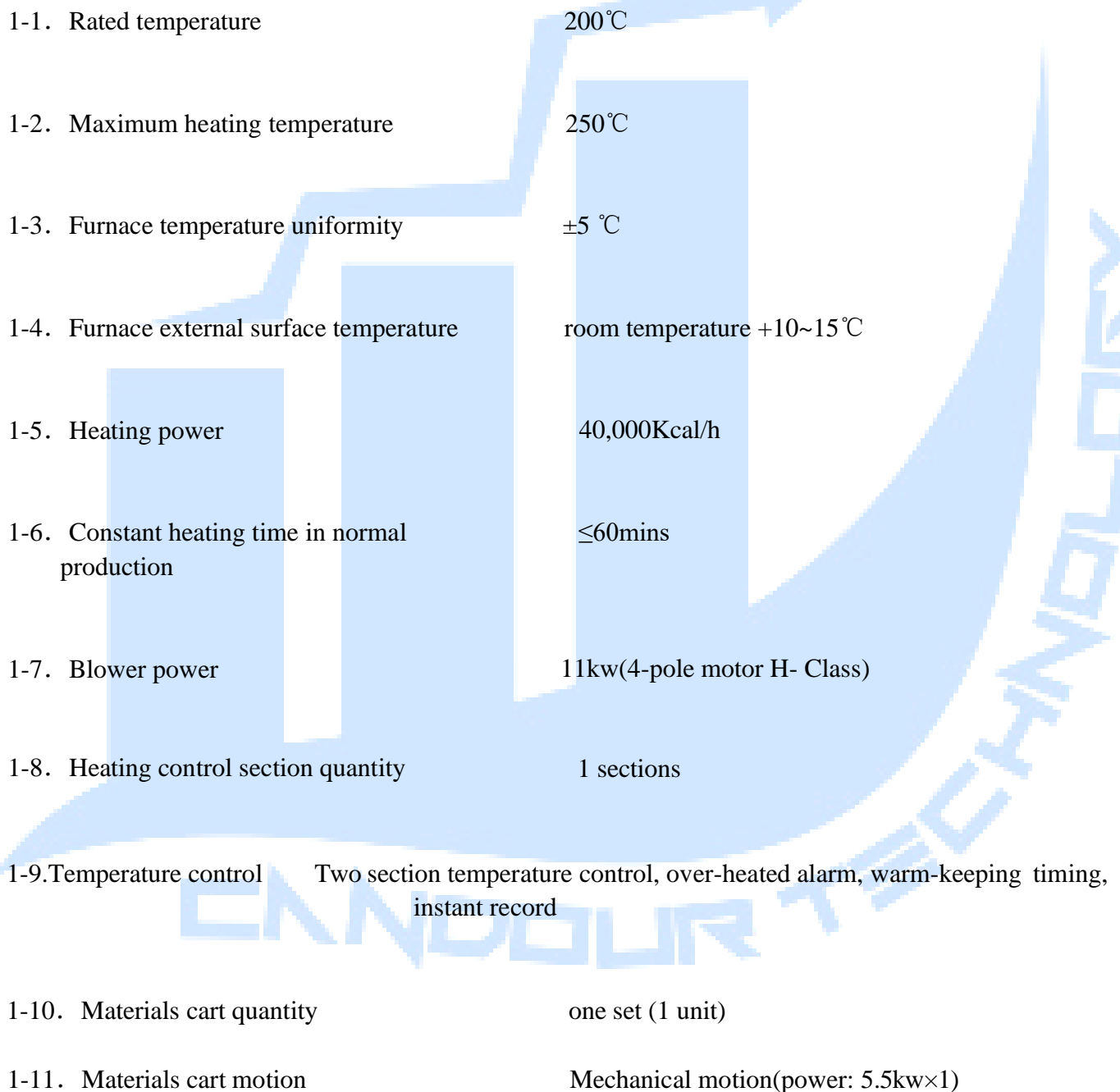
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more, remaining heat can be collected in production with short heat up time and excellent warm keeping ability which is energy saving with power consumption lower at least 30% than general aging furnace.

Technical parameter



1-1. Rated temperature	200°C
1-2. Maximum heating temperature	250°C
1-3. Furnace temperature uniformity	±5 °C
1-4. Furnace external surface temperature	room temperature +10~15°C
1-5. Heating power	40,000Kcal/h
1-6. Constant heating time in normal production	≤60mins
1-7. Blower power	11kw(4-pole motor H- Class)
1-8. Heating control section quantity	1 sections
1-9. Temperature control	Two section temperature control, over-heated alarm, warm-keeping timing, instant record
1-10. Materials cart quantity	one set (1 unit)
1-11. Materials cart motion	Mechanical motion(power: 5.5kw×1)



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Terms and Conditions

- Taxes as applicable (18% GST)
- 50% advance at the time of placing order 45% before delivery 5% after installation.
- Per Day Salary, food , accomodation , train or air tickets for two engineers to be paid by customer as installation charges.
- Freight to be paid by customer.

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