



HUYNH BANG

COMPANY

Part 1

WEISHAUPT burners Applications & References

Weishaupt burner applications & references

Industrial applications



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1. Steam boiler
2. Air heater
3. Pilot burner_ignition burner
4. Incinerator
5. Oven
6. Roaster
7. After burner (flue gas treatment)
8. Hot water boiler
9. Thermal oil heater
10. Fryer
11. Ceramic technology
12. Galvanized
13. Powder coating



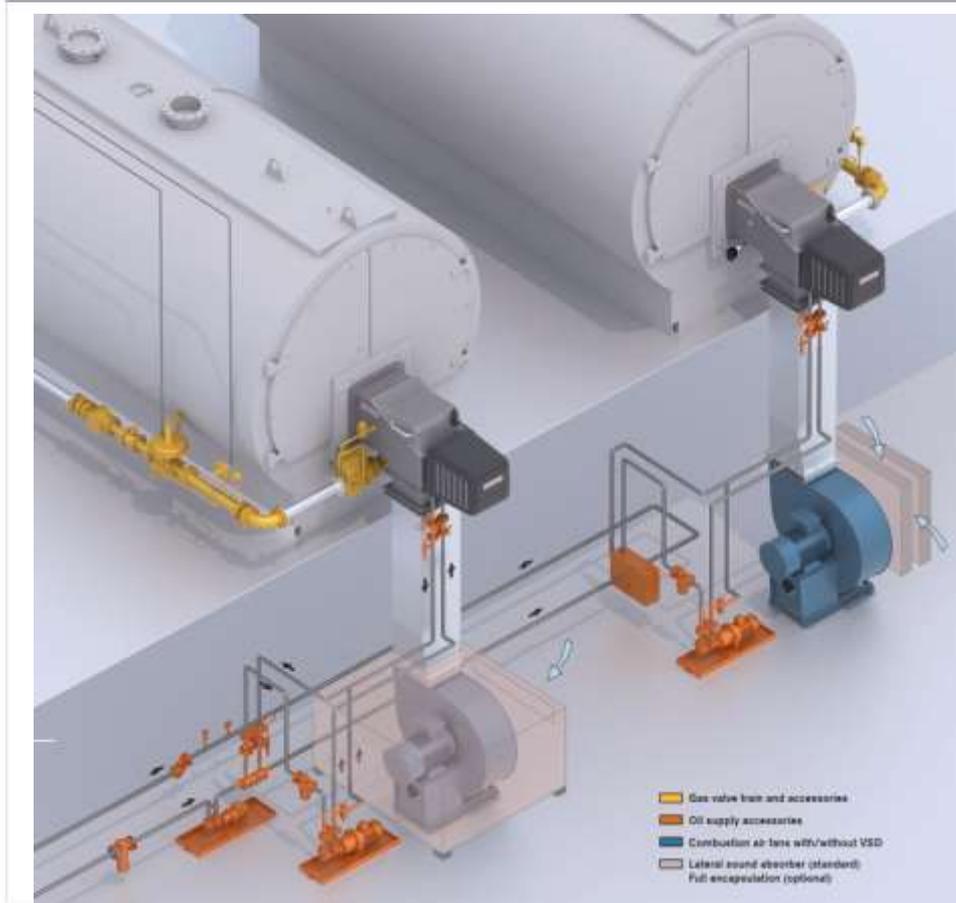
Weishaupt burner applications & references

Steam boiler



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Steam boiler

Dual fuel burners with full gas train & oil line accessories.

Series WK dual block

Weishaupt burner applications & references

Steam boiler



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Burner: WKG50

Fuel: Gas

Capacity: 800 – 6000 kW

Weishaupt burner applications & references

Steam boiler



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Burner: RGMS70

Fuel: FO + LPG

Capacity: 800 – 7400 kW

Weishaupt burner applications & references

Steam boiler – beverage



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Burner: RGMS70

Fuel: FO + CNG

Capacity: 800 – 7400 kW



Weishaupt burner applications & references

Steam boiler – food processing



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Burner: RMS70

Fuel: FO

Capacity: 2025 - 10900 kW



Weishaupt burner applications & references

Steam boiler – pulp & paper mill plant



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Burner: G70

Fuel: LPG

Capacity: 1500 - 8200 kW

Weishaupt burner applications & references

Steam boiler – pharmaceutical plant



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**Burner:
2 x RGL60**

Fuel: CNG + DO

**Capacity:
800 – 6100 kW**



Weishaupt burner applications & references

Steam boiler – pharmaceutical plant



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Burner:
2 x WM-GL30

Fuel:
CNG + DO

Capacity:
600 – 5700 kW



Weishaupt burner applications & references

Steam boiler



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**Burner:
WM-GL30**

Fuel: NG + DO

**Capacity:
600 – 6200 kW**



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Weishaupt burner applications & references

Steam boiler – food processing



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**Burner:
WM-S30**

**Fuel:
FO**

**Capacity:
1100 – 5400 kW**



Weishaupt burner applications & references

Steam boiler



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**Burner:
WM-G20**

**Fuel:
CNG**

**Capacity:
350 – 2600 kW**



bosch-industrial.com

Weishaupt burner applications & references

High pressure steam boiler – cooking oil



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**Burner:
WM-G10**

**Fuel:
CNG**

**Capacity:
65 - 630 kW**

(Downward version)



Weishaupt burner applications & references

Air heater



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**Burner:
WKGL50**

**Fuel:
Gas + DO**

**Capacity:
800 – 6000 kW**



Weishaupt burner applications & references

Air heater



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**Burner:
WKGL40**

**Fuel:
Gas + DO**

**Capacity:
400 – 3000 kW**



Weishaupt burner applications & references

Hot gas generator – clinke (cement)



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**Burner:
RMS70**

**Fuel:
FO / FO-R / DO**

**Capacity:
2025 - 8750 kW**



Weishaupt burner applications & references

Hot gas generator – clinke (cement)



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**Burner:
WM-L50**

**Fuel:
DO / FO-R**

**Capacity:
1200 – 8000 kW**



Weishaupt burner applications & references

Hot gas generator – clinke (cement)



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**Burner:
RL50**

**Fuel:
DO**

**Capacity:
1130 – 6170 kW**



Weishaupt burner applications & references

Asphalt mixing plant



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Burner:
WM-L30

Fuel:
DO

Capacity:
900 – 4100 kW

Drying drum



WM-L30/2-A /T



gravel
stone sand
 soil



RGL7/1-D

Weishaupt burner applications & references

Air heater – tapioca starch



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**Burner:
RGMS50**

**Fuel:
FO +
Biogas**

**Capacity:
600 – 4860 kW**



Weishaupt burner applications & references

Air heater – kiln – malting plant



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Burner:
WM-G30 dual gas

Fuel:
CNG
LPG

Capacity:
600 – 5700 kW (N)
900 – 5700 kW (F)



Weishaupt burner applications & references

Air heater – coffee process plant



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**Burner:
WM-GL20**

**Fuel:
DO + CNG**

**Capacity:
250 - 2450 kW**

(Downward version)



Weishaupt burner applications & references

Air heater – tobacco process



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**Burner:
WM-GL10**

**Fuel:
LPG + DO**

**Capacity:
200 - 1250 kW**



Weishaupt burner applications & references

Air heater – car factory



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**Burner:
WM-G10**

**Fuel:
LPG**

**Capacity:
100 - 630 kW**



Weishaupt burner applications & references

Air heater – food processing



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Burner:
WL10 Z

Fuel:
DO

Capacity:
35 - 70 kW



Weishaupt burner applications & references

Pilot burner_ignition burner



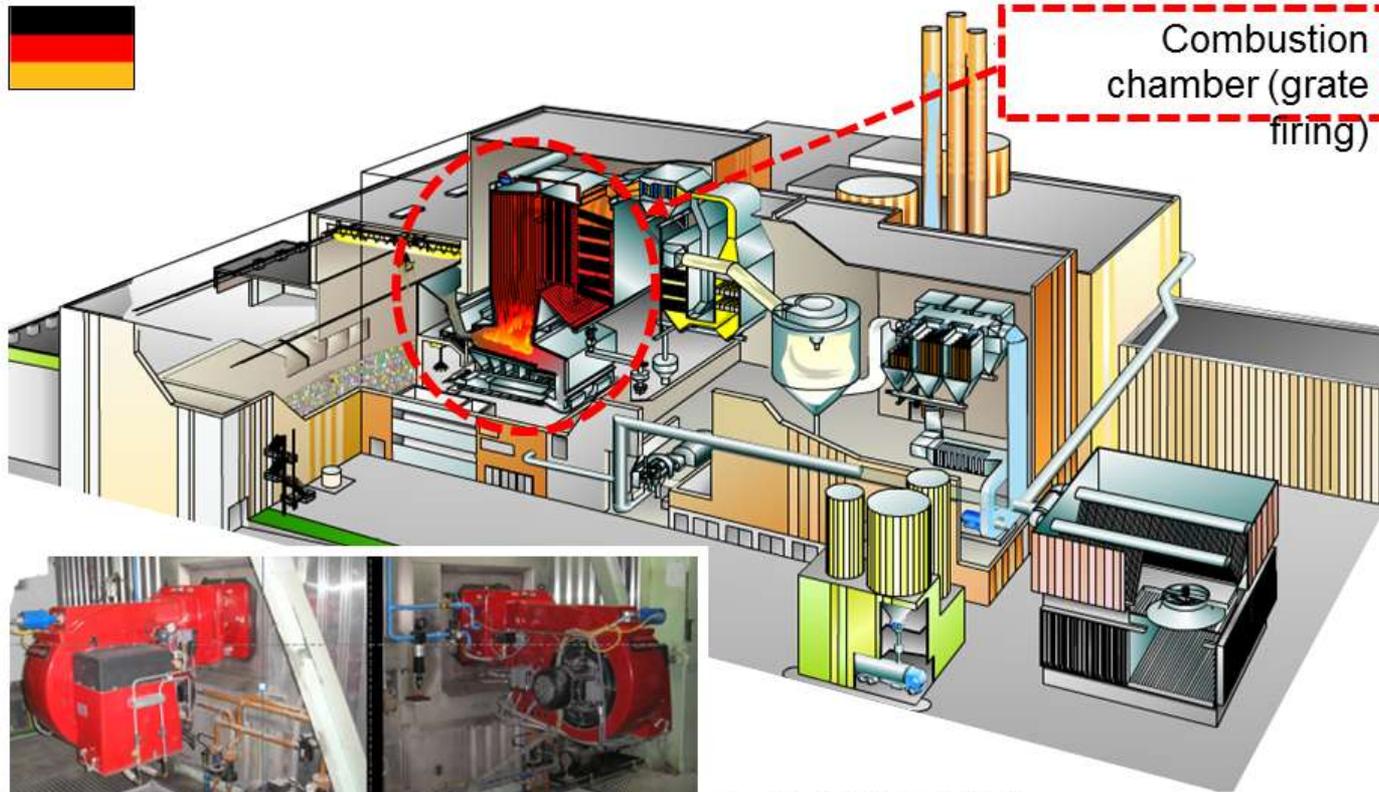
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Burner:
RGL70

Fuel:
DO

Capacity:
1000 – 10700 kW



2x RGL70/3 ZM-NR

Weishaupt burner applications & references

Pilot burner_ignition burner



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**Burner:
WM-G10**

**Fuel:
LPG**

**Capacity:
120 – 1000 kW**



Weishaupt burner applications & references

Pilot burner_ignition burner



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**Burner:
WM-G10**

**Fuel:
CNG**

**Capacity:
110 – 1250 kW**



Weishaupt burner applications & references

Incinerator



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Burner:

M1Z

M3Z

Fuel:

FO

Capacity:

90 – 415 kW

120- 775 kW



Weishaupt burner applications & references

Oven – bakery process



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**Burner:
WG10
WG20**

**Fuel:
LPG**

**Capacity:
25 – 110 kW
35 – 200 kW**



Weishaupt burner applications & references

Oven – bakery process



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**Burner:
WG10
WG20**

**Fuel:
LPG**

**Capacity:
25 – 110 kW
35 – 200 kW**

Weishaupt burner applications & references

Oven – bakery process



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**Burner:
WM-G10**

**Fuel:
Gas**

**Capacity:
25 – 405 kW**

Travelling oven



12x WMG10/1-A ZMI



Weishaupt burner applications & references

Oven – bakery process



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**Burner:
GL3**

**Fuel:
Gas + DO**

**Capacity:
90 – 630 kW**

India - Biscuit Baking Ovens



Weishaupt burner applications & references

Oven – bakery process



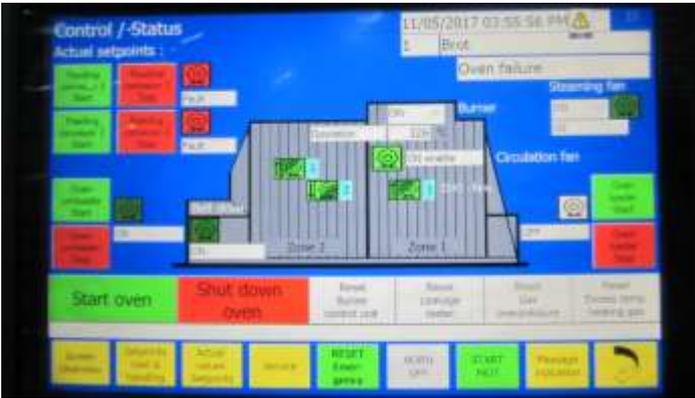
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**Burner:
G1 ZMID**

**Fuel:
LPG**

**Capacity:
15 – 335 kW**



Weishaupt burner applications & references

Roaster – coffee



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**Burner:
WM-GL30**

**Fuel:
CNG
DO**

**Capacity:
350 – 3100 kW**



Weishaupt burner applications & references

Roaster – coffee



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**Burner:
WM-G10**

**Fuel:
CNG**

**Capacity:
100 - 1000 kW**



Weishaupt burner applications & references

Roaster – coffee



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**Burner:
WM-G10**

**Fuel:
CNG**

**Capacity:
100 - 1000 kW**



Weishaupt burner applications & references

Roaster – coffee



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Burner: RL3

Fuel: DO

Capacity: 120 - 775 kW

Weishaupt burner applications & references

Roaster – coffee



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**Burner:
WG30**

**Fuel:
LPG**

**Capacity:
60 – 350 kW**



Weishaupt burner applications & references

Roaster – coffee & tea



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Burner:
2 x WG10 ZMI

Fuel:
LPG

Capacity:
5.5 – 60 kW

Weishaupt burner applications & references

After burner – flue gas treatment



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Burner:
WM-L30

Fuel:
DO

Capacity:
800 – 3100 kW

Weishaupt burner applications & references

After burner – flue gas treatment



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**Burner:
WM-G10**

**Fuel:
CNG**

**Capacity:
125 - 900 kW**

Weishaupt burner applications & references

Hot water boiler – car factory



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Burner: WM-G30

Fuel: LPG

Capacity: 500 - 3100 kW

Weishaupt burner applications & references

Hot water boiler – car factory



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Burner: WM-G20

Fuel: LPG

Capacity: 450 - 2100 kW

Weishaupt burner applications & references

Hot water boiler – hotel



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Burner: WM-L10

Fuel: DO

Capacity: 150 - 600 kW

Weishaupt burner applications & references

Hot water boiler – packaging plant



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Burner: WM-G10

Fuel: LPG

Capacity: 200 – 1250 kW



Weishaupt burner applications & references

Hot water boiler – packaging plant



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Burner: WG40

Fuel: LPG

Capacity: 80 - 550 kW

Weishaupt burner applications & references

Hot water boiler / steam boiler with combustion chamber dimensions super small / short



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Burner:
WM-G10 ZM-PLN
WM-G20 ZM-PLN

Fuel: Gas

Capacity: 85 - 3000kW



The metal gauze air filter is protected from dust by an additional pre-filter sleeve



A microweave mat made from a high-quality alloy permits the right amount of gas/air mix to pass



Weishaupt PLN-version burners can also be used in very small combustion chambers



The homogeneous mixture of gas and air combusts on the surface of the woven metal mesh at temperatures < 1200 °C.

This combustion technology effectively inhibits the formation of thermal NO_x.

Weishaupt burner applications & references

Hot water boiler / steam boiler with combustion chamber dimensions super small / short



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**Burner:
WG40 ZM-PLN**

Fuel: Gas

Capacity: 60 – 700 kW



The metal gauze air filter is protected from dust by an additional pre-filter sleeve



A microweave mat made from a high-quality alloy permits the right amount of gas/air mix to pass



Weishaupt PLN-version burners can also be used in very small combustion chambers



The homogeneous mixture of gas and air combusts on the surface of the woven metal mesh at temperatures < 1200 °C.

This combustion technology effectively inhibits the formation of thermal NO_x.

Weishaupt burner applications & references

Thermal oil heater



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Burner: WKGL70

**Fuel:
Gas + DO**

**Capacity:
1400 – 12000 kW**



Weishaupt burner applications & references

Thermal oil heater – textile plant



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Burner: WKG70

**Fuel:
CNG**

**Capacity:
1400 – 9600 kW**

(Upward version)



Weishaupt burner applications & references

Thermal oil heater – textile plant



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Burner: WKGL70

Fuel: CNG + DO

Capacity: 1400 – 12000 kW

(Downward version)

Weishaupt burner applications & references

Thermal oil heater – textile plant



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Burner: WKGL50

Fuel: CNG + DO

Capacity: 800 – 6000 kW

(Downward version)

Weishaupt burner applications & references

Thermal oil heater – bitumen processing



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**Burner:
WM-GL30**

**Fuel:
LPG + DO**

**Capacity:
600 – 4100 kW**



Weishaupt burner applications & references

Thermal oil heater – oil & gas processing



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Burner: WM-L30

Fuel: DO

Capacity: 800 – 3100 kW



Weishaupt burner applications & references

Thermal oil heater – pulp & paper mill plant



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Burner: WM-G30

Fuel: LPG

Capacity: 500 – 3100 kW

Weishaupt burner applications & references

Thermal oil heater – packaging plant



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Burner: WM-GL20

Fuel: CNG + DO

Capacity: 250 - 2450 kW



Weishaupt burner applications & references

Thermal oil heater – packaging plant



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Burner: L8Z

Fuel: DO

Capacity: 595 - 2740 kW

Weishaupt burner applications & references

Thermal oil heater – chemical



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Burner: G5

Fuel: Gas

Capacity: 200 – 1000 kW

Weishaupt burner applications & references

Thermal oil heater - asphalt mixing plant



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Burner: WG40

Fuel: Gas

Capacity: 55 - 550 kW



Weishaupt burner applications & references

Fryer – food processinging



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Burner: WKGL50

Fuel: CNG + DO

Capacity: 800 – 6000 kW



Weishaupt burner applications & references

Fryer – food processinging



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Burner: WM-G20

Fuel: Gas NG

Capacity: 700 – 2600 kW

(Upward version)

Weishaupt burner applications & references

Fryer – food processinging



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Burner: RL7

Fuel: DO

Capacity: 320 - 1965 kW

Weishaupt burner applications & references

Fryer – food processinging



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Burner: WG30

Fuel: Gas NG

Capacity: 60 – 350 kW



Weishaupt burner applications & references

Ceramic technology



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Burner: WG10

Fuel: LPG

Capacity: 12.5 – 50 kW

Burner: WG20

Fuel: LPG

Capacity: 35 – 200 kW



Weishaupt burner applications & references

galvanized



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Burner:
L1

Fuel:
DO

Capacity:
70 – 415 kW



Weishaupt burner applications & references

galvanized



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Burner: WG40

Fuel: CNG

Capacity: 55 – 550 kW



Weishaupt burner applications & references

Powder coating



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Burner: WG40

Fuel: LPG

Capacity: 80 – 550 kW

Thank you for your attention.

Any questions? Please feel free to contact us.



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