

# duemila SERIES RN2050 RN2060 RN2080

HEAVY OIL

**MECHANICAL ATOMIZATION**  
with viscosity up to 400 cSt at 50°C (50°E at 50°C)

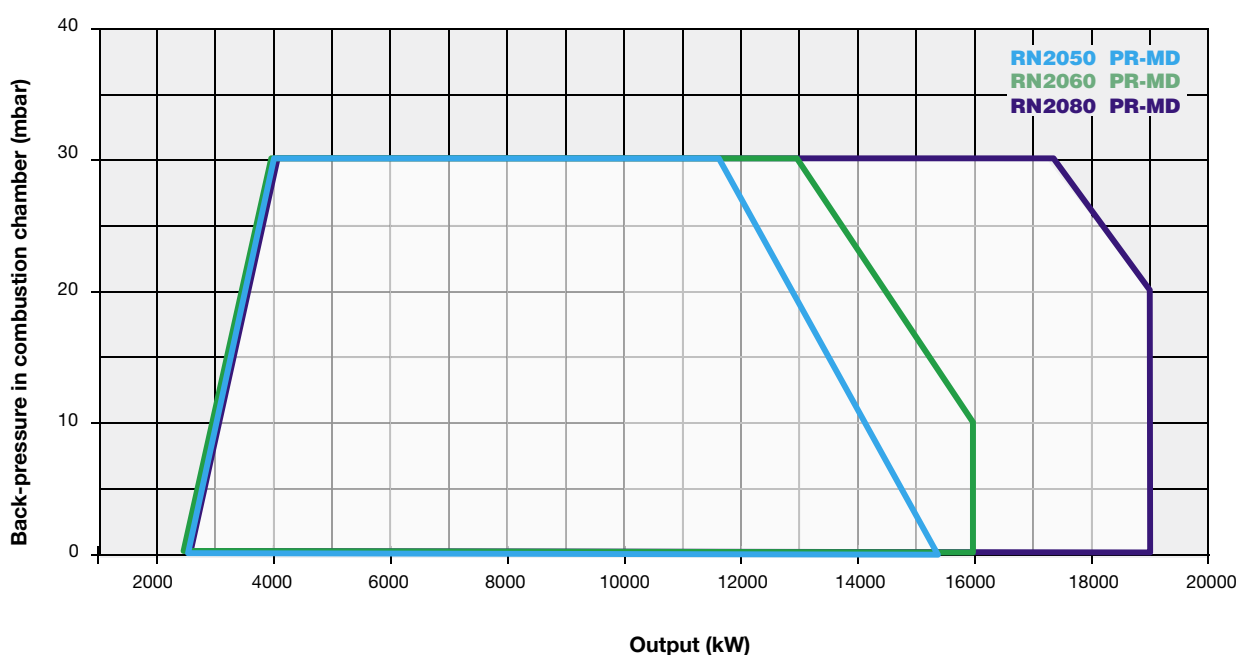
These aluminium monoblock industrial burners with integral fan are available for oils with viscosity up to 400 cSt at 50°C (50°E at 50°C).

Given the particular viscosity of the fuel and the necessity to keep the oil fluid, the burner uses a preheating system provided with a much lower thermal load electrical element in order to avoid carbon deposits.

The maintenance is always easy given that the components – for example the solenoid valve group - are mounted on a specific bracket which can be easily removed.



Oil pump set (pump, motor, oil tank and filter) in a separate support, (not assembled on the burner)  
**OPTION**

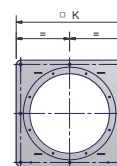
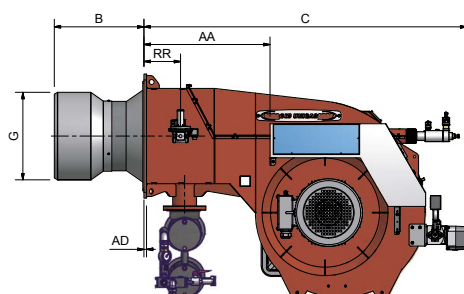
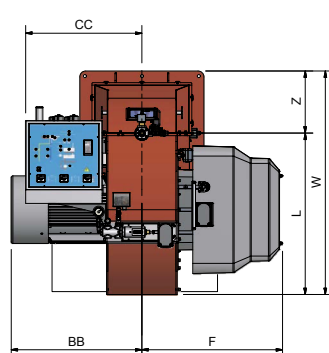


# RN2050 RN2060 RN2080 **duemila** SERIES

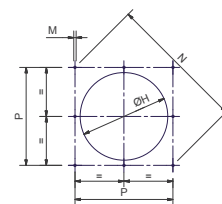
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## TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor kW	Pump motor kW	Resistor kW	Nois level dBA
		min.	max.						
<b>RN2050</b>	x-.xx.S.xx.A	2.500	15.200	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	37	5,5	24 + 24	92,5
<b>RN2060</b>	x-.xx.S.xx.A	2.500	16.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	45	5,5	24 + 24	91,7
<b>RN2080</b>	x-.xx.S.xx.A	2.500	19.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	55	5,5	24 + 24	91,7



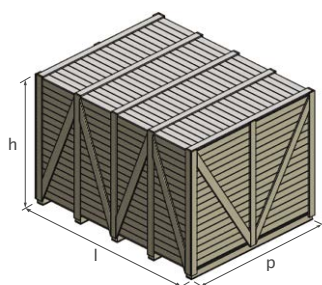
Burner flange



Suggested boiler drilling

The preheaters, the motor and pump unit are included in the scope of supply, assembled in the burner. On request they can be assembled in a separate support (not on board).

Boiler drilling drill must be confirmed according the firing head.



Type	Packaging dimensions (mm)			
	l	p	h	kg
<b>RN2050</b>	2.396	1.886	1.969	1.390
<b>RN2060</b>	2.396	1.886	1.969	1.410
<b>RN2080</b>	2.396	1.886	1.969	1.510

Approximate values

Type	Model	Overall dimensions (mm)																
		AA	AD	B	BB	C	CC	F	G	H	K	L	M	N	P	RR	W	Z
<b>RN2050</b>	x-.xx.S.xx.A.xx	741	15	*	768	1898	735	827	*	*	730	949	M16	948	670	215	1314	365
<b>RN2060</b>	x-.xx.S.xx.A.xx	741	15	*	807	1890	735	846	*	*	850	949	M16	1117	790	215	1374	425
<b>RN2080</b>	x-.xx.S.xx.A.xx	741	15	*	885	1890	735	846	*	*	850	949	M16	1117	790	215	1374	425

\* The B, G, H dimensions must be confirmed from our technical DPT.

Approximate values

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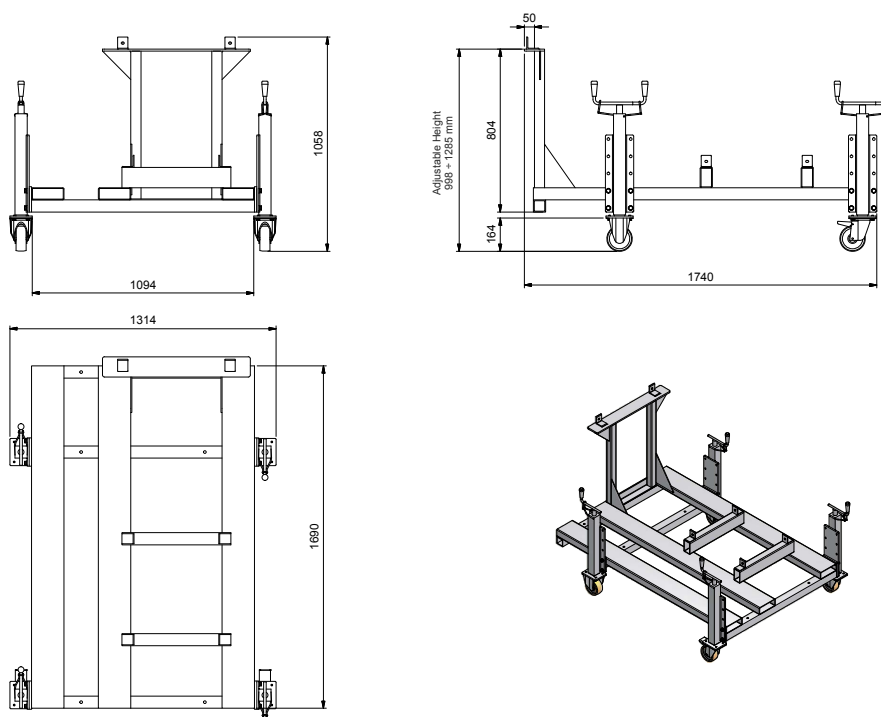
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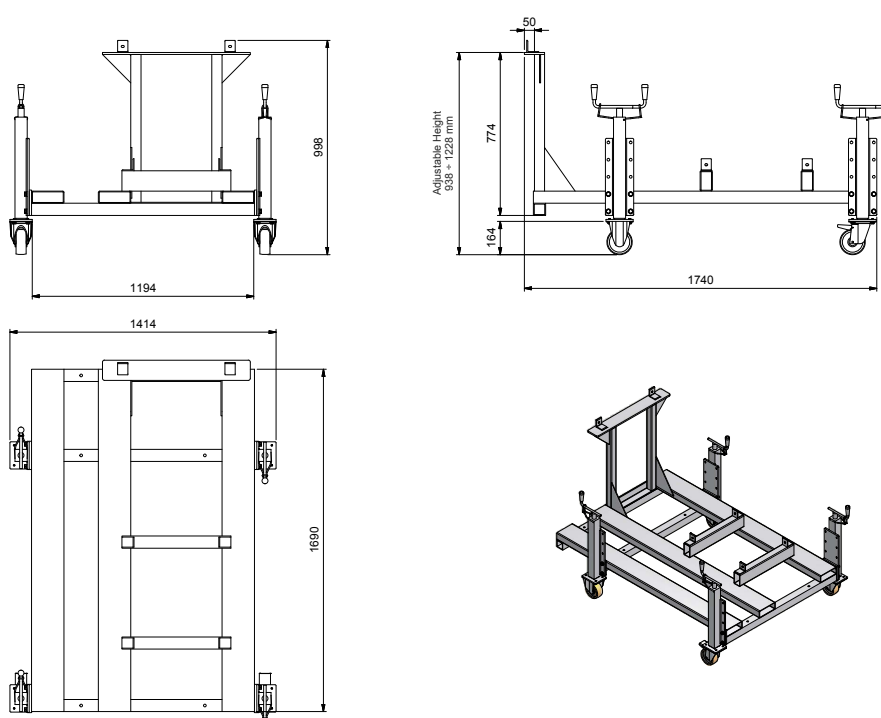
Monoblock burners 2000 series are supplied complete with a steel supporting frame; burner installation and manutention are greatly simplified.

The frame is equipped with wheels to easily move the burner, and its height is adjustable to match any type of boiler or furnace.

## SUPPORTING FRAME FOR BURNERS 2050 SERIES



## SUPPORTING FRAME FOR BURNERS 2060/2080 SERIES

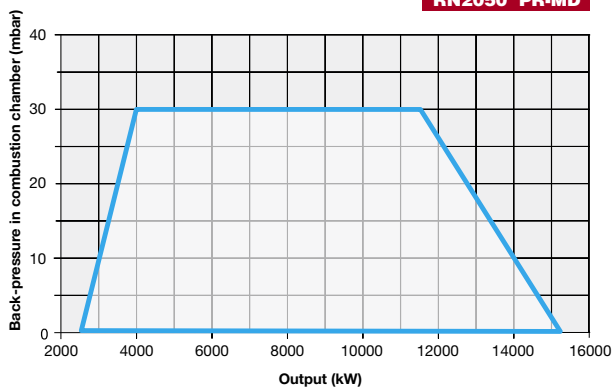


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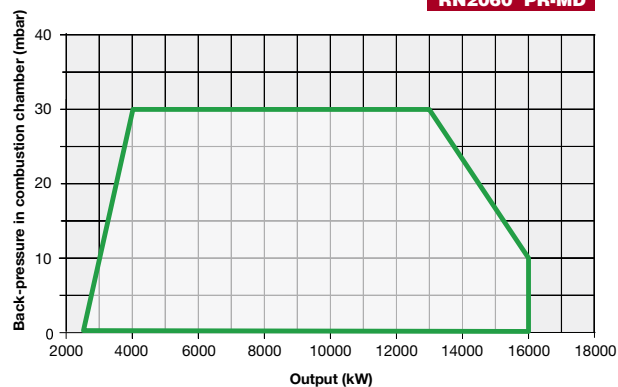
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**RN2050 PR-MD**



**RN2060 PR-MD**



**RN2080 PR-MD**

