

Rütli coal powder burner (Single-fuel, Dual-fuel and Multi-fuel)
for different applications such as:

- Asphalt dryer
- Hot air generators
- Boiler
- Lime kilns (annular shaft kilns)
- Melting furnaces
- Turn down ratio-Gas: 1:6 Oil: 1:4

Coal powder burner can be designed case by case

Fuel Flow min/max

Type	Capacity	Coal powder (Kg/h)		Light oil (Kg/h)		Heavy oil (Kg/h)		Natural gas (Nm ³ /h)	
C320	3,2 MW	130	630	50	260	50	270	40	300
C400	4,0 MW	165	800	60	340	60	350	50	380
C500	5,0 MW	205	1000	75	420	75	440	65	480
C630	6,3 MW	255	1260	90	530	95	550	80	600
C710	7,1 MW	290	1420	105	600	110	620	90	680
C800	8,0 MW	325	1600	115	680	120	700	100	770
C1000	10,0 MW	405	2010	145	850	150	880	125	960
C1250	12,5 MW	505	2510	180	1070	185	1100	155	1200
C1600	16,0 MW	645	3210	230	1370	240	1410	195	1540
C1800	18,0 MW	725	3620	260	1.540	270	1590	220	1730
C2000	20,0 MW	805	4020	290	1710	300	1760	245	1930
C2240	22,4 MW	905	4500	325	1910	335	1980	275	2160
C2500	25,0 MW	1010	5020	360	2140	370	2210	305	2410
C2800	28,0 MW	1130	5630	405	2390	415	2470	340	2700
C3100	31,0 MW	1270	6330	450	2690	465	2780	385	3040
C3550	35,5 MW	1430	7130	510	3040	525	3140	430	3420
C4000	40,0 MW	1610	8040	575	3420	595	3530	485	3860
C4500	45,0 MW	1815	9050	645	3850	665	3980	545	4340
C5000	50,0 MW	2015	10050	715	4280	740	4420	605	4820
C5600	56,0 MW	2255	11260	805	4790	830	4950	680	5400
C6300	63,0 MW	2535	12670	900	5390	930	5570	765	6080
C7100	71,0 MW	2860	14270	1015	6080	1050	6280	860	6850
C8000	80,0 MW	3220	16090	1145	6850	1185	7070	970	7720
C10000	100,0 MW	4025	20110	1430	8560	1480	8840	1210	9650

Heating value: Coal powder: 17.9 MJ/Kg; Light oil: 42.01 MJ/Kg; Heavy oil: 40.68 MJ/Kg; NG: 37.3 MJ/Nm³

Coal Powder Burner

Max 100 MW

