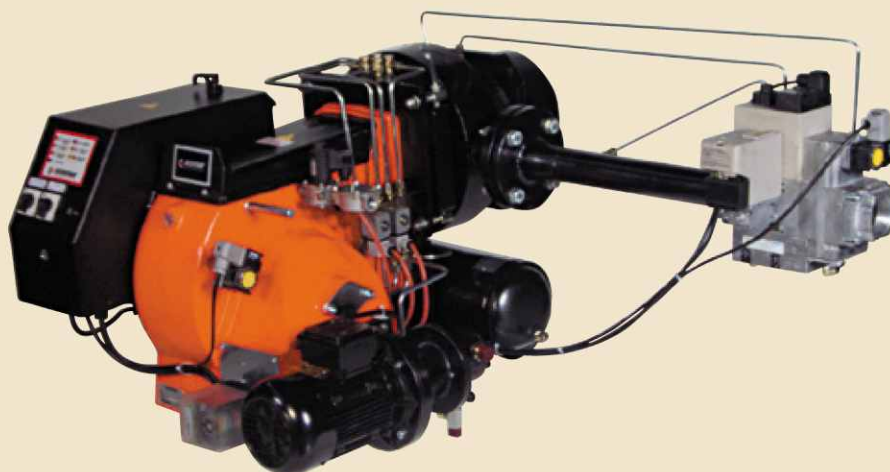


ECOSTAR[®]

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(96-6250) kg/h



High Technology

High Performans

DUAL BURNERS



Advanced Technology

Over the years we have specialized in the production of burners for high power technical systems developing advanced solutions suited to different technological heating needs.

Best Combustion Solutions

ECOSTAR Dual Burners; Provides best combustion solutions. Using high technology Burner fans, will help using for an increasingly wider range of applications.

ECOSTAR HEAVY OIL BURNERS

35 Years of dynamism and experience of TERMO ISI A.Ş. The company has developed professional combustion systems and components and associated servicing.





Unique Design

ECOSTAR Dual Burners designed with latest technology, special light aluminum alloy fan body, creating heating unit which are extremely reliable with offer easy access to every single component an important factor when it comes to repairing, cleaning, checking or servicing the burners.

High Efficiency

Ecostar Dual Burners; using the good quality components, gives the best combustion values for efficiency. Our policy has been directed to the protection of the environment, a philosophy quite a head of its time; The outstanding results we have obtained in connection with the reliability of our products and extremely high full performance levels reached.

EMMISSION VALUES

**The burners are produced with DIN 4787 and TS-prEN 267 standarts so the results is optimum combustion with extremely low emission.*

$\lambda = 1,2 - 1,3$

$CO < 125 \text{ mg/kWh}$

$NO_x < 250 \text{ mg/kWh}$

**The burners are produced with DIN 4788 and TS-EN 11392 standarts so the results is optimum combustion with extremely low emission.*

$O_2 = \%3$

$NO_x > 350 \text{ kW} = 200 \text{ mg/kWh}$

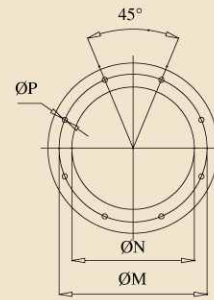
$\leq 350 \text{ kW} = 150 \text{ mg/kWh}$

Apprax $CO \approx 10 \text{ mg/kWh}$

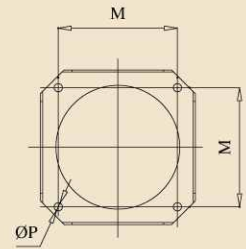
NOISE LEVEL

ECOSTAR Dual Burners; research and devolopment center designed special air intake system so the burners are working with low noise level, you do not hear anything in the boiler room.

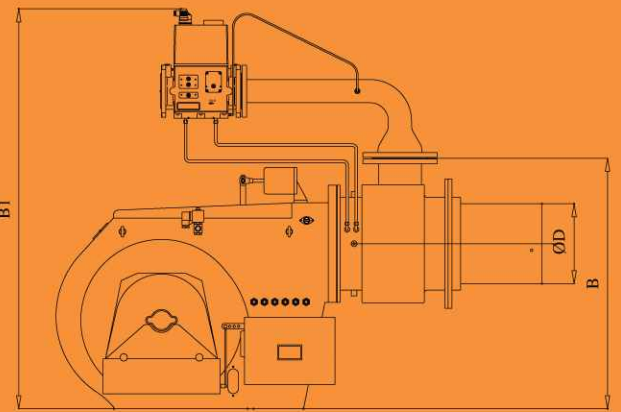
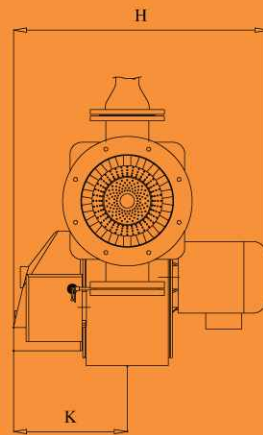
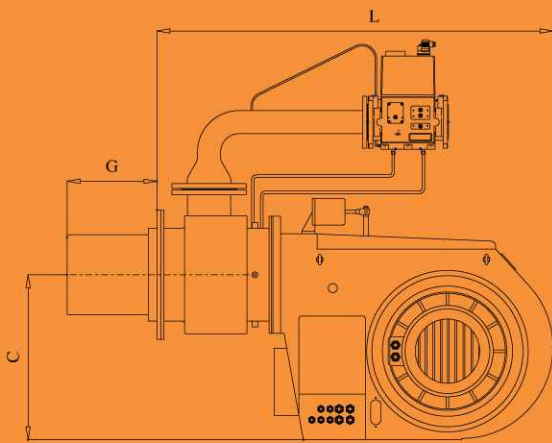
CAPACITY DIAGRAMS



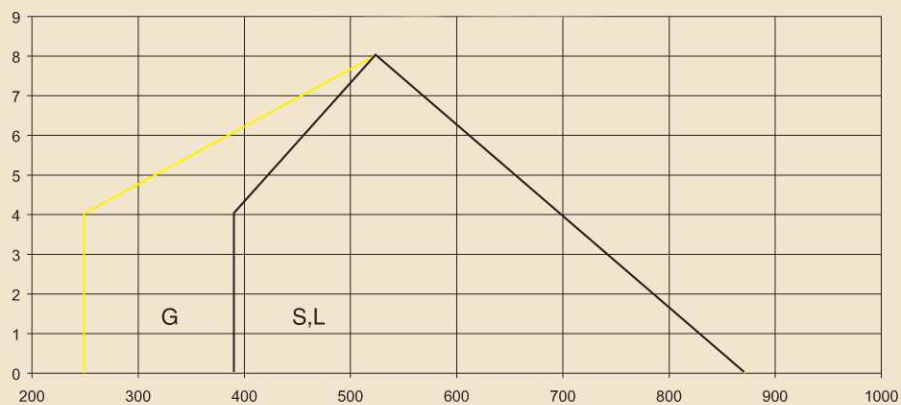
ECO 8 K(S)-ECO 9 K(S)

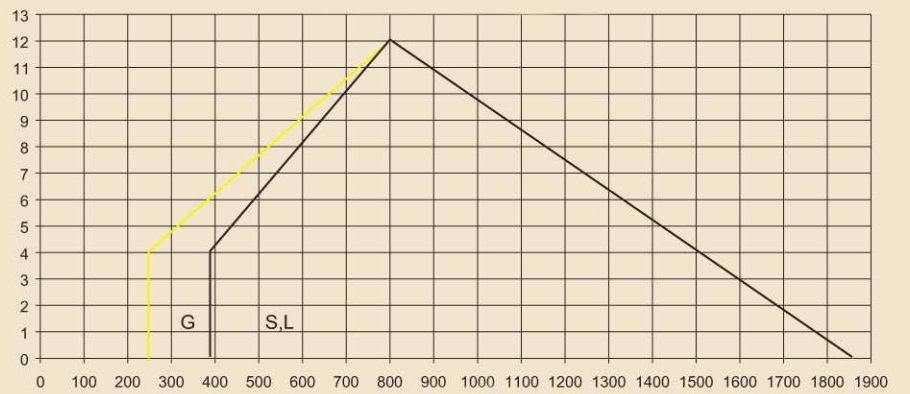
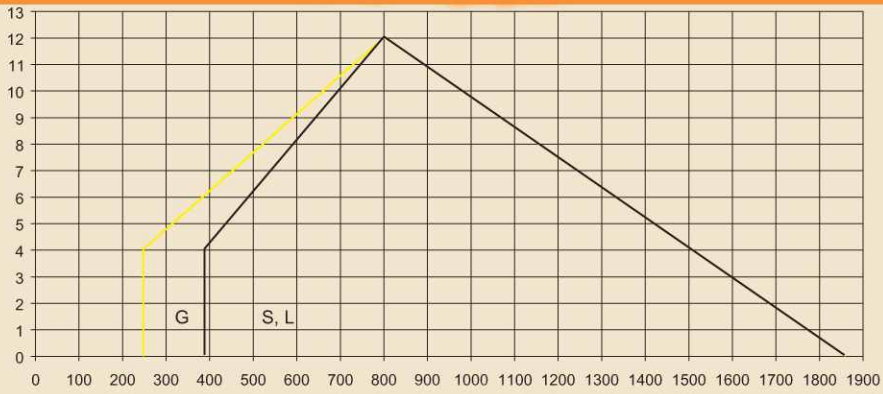
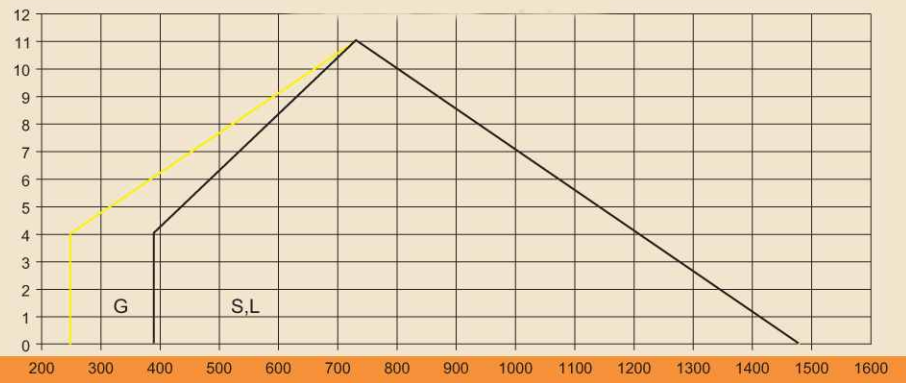
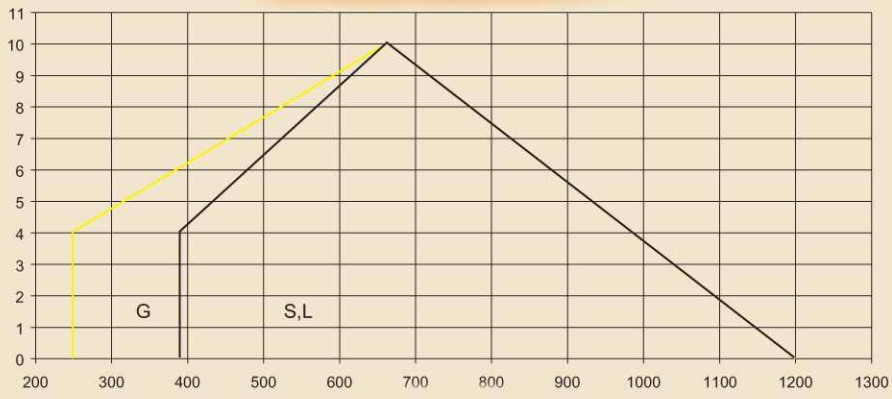


ECO 5 K(S)-ECO 7 K(S)

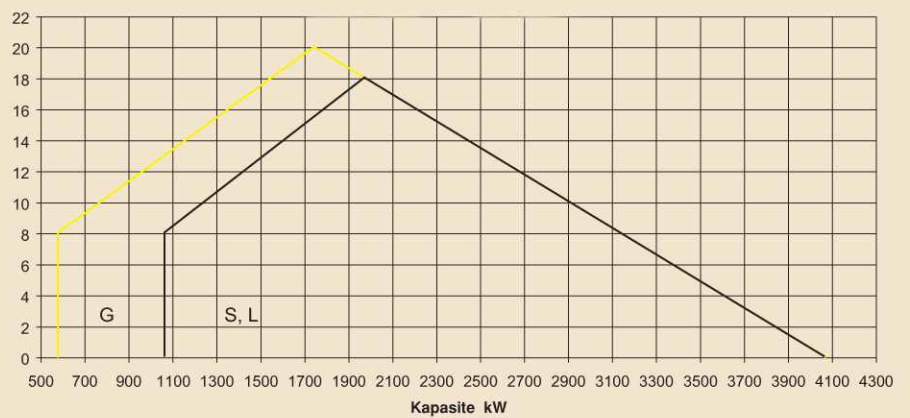
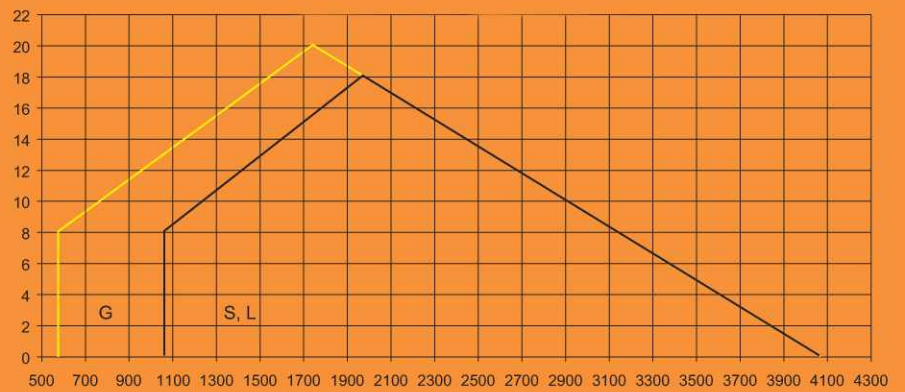


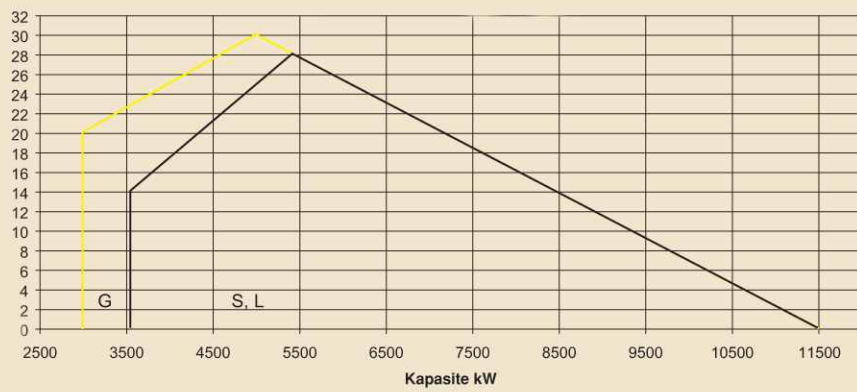
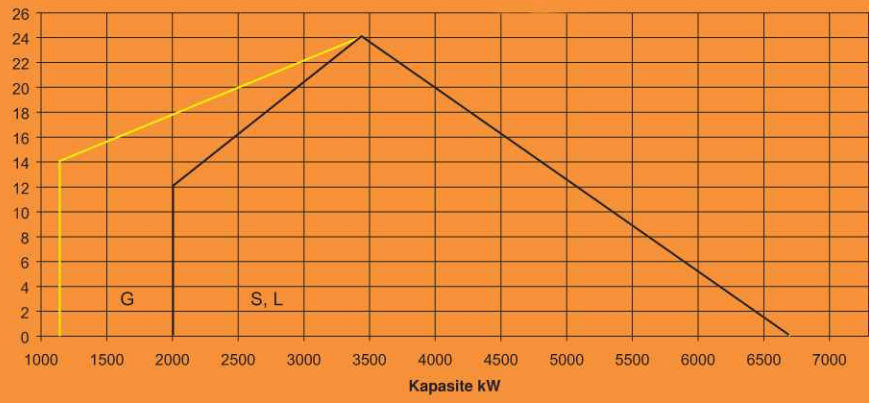
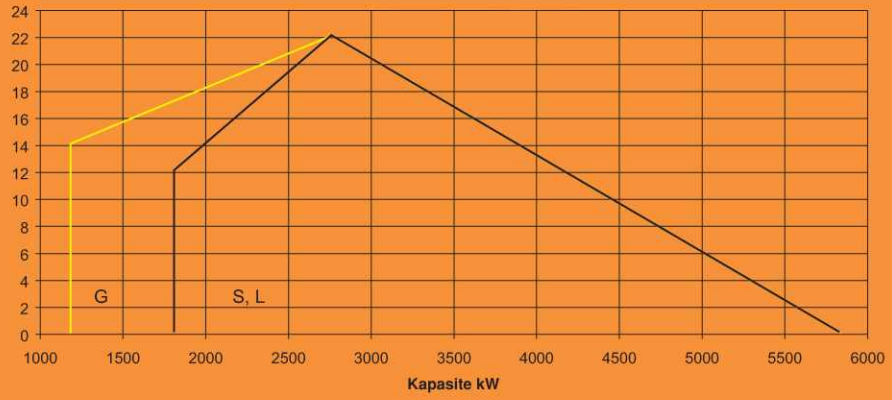
	L	Gmin	Gmax	H	K	B	B1	C	Ø N	Ø P	M	Ø D
ECO 5 K (S,L)	900	300	300	850	500	560	900	355	240	16	230	238
ECO 7 K (S,L)	1,600	300	300	1,000	430	780	1,200	435	281	19	275	280
ECO 8 K (S,L) C 3	1,530	320	320	1,020	450	950	1,400	640	357	15	Ø 430	307
ECO 8 K (S,L) C 3 a	1,530	320	320	1,020	450	950	1,400	640	357	15	Ø 430	307
ECO 9 K (S,L)	1,500	350	350	1,290	610	1,100	1,100	826	560	15	630	452



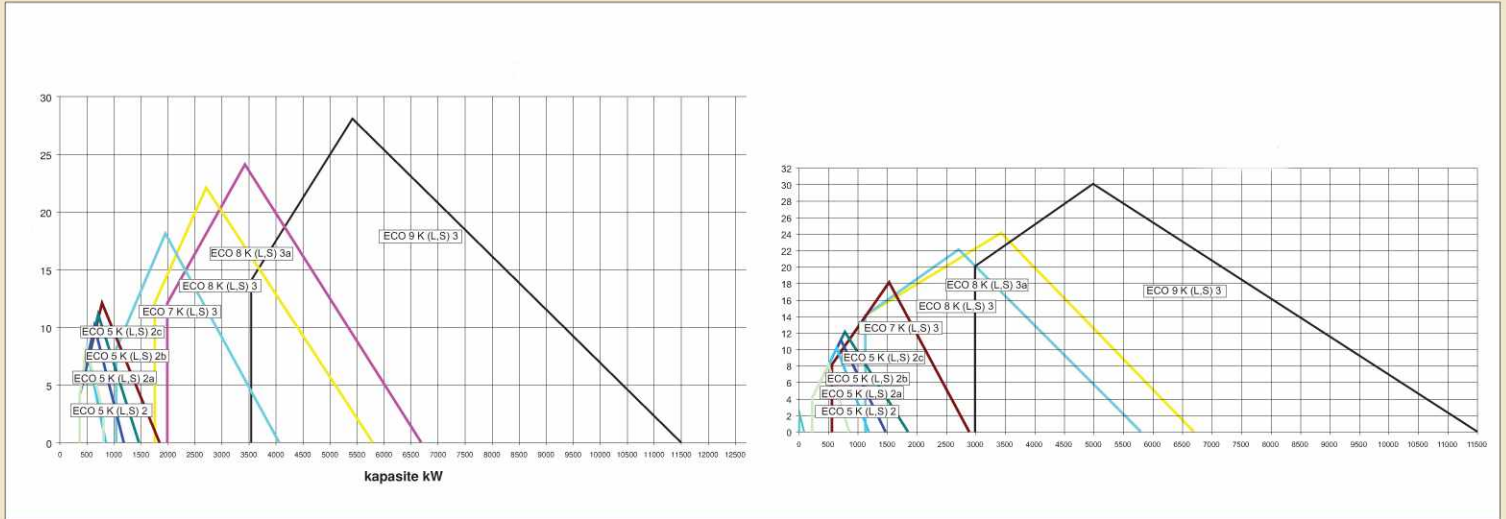


CAPACITY DIAGRAMS





CAPACITY DATA



(TWO STAGE GAS/HEAVY OIL DUAL BURNERS)

BURNER TYPE	NATURAL & LPG GAS CAPACITY		HEAVY & LIGHT OIL CAPACITY		GAS CAPACITY		OIL CAPACITY		NATURAL GAS CONSUMPTION		LPG GAS CONSUMPTION		HEAVY OIL CONSUMPTION		LIGHT OIL CONSUMPTION		FAN MOTOR POWER	OIL PUMP POWER	MAIN SUPPLY	WEIGHT	OIL HEATER
	Min. Kcal/h	Max. Kcal/h	Min. Kcal/h	Max. Kcal/h	Min. kW	Max. kW	Min. kW	Max. kW	Min. Nm ³ /h	Max. Nm ³ /h	Min. Nm ³ /h	Max. Nm ³ /h	Min. Kg/h	Max. Kg/h	Min. Kg/h	Max. Kg/h	kW	kW	V	Kg	kW
ECO 5 K (S,L) C 2	215,000	749,920	336,260	749,920	250	872	391	872	26.1	90.9	9.6	33.3	35	78	33	74	1.50	-	220/380	130	1 x 6,0
ECO 5 K (S,L) C 2 a	215,000	1,032,000	336,260	1,032,000	250	1,200	391	1,200	26.1	125.1	9.6	45.9	35	107	33	101	2.20	-	220/380	130	1 x 6,0
ECO 5 K (S,L) C 2 b	215,000	1,272,800	336,260	1,272,800	250	1,480	391	1,480	26.1	154.3	9.6	56.6	35	132	33	125	2.20	-	220/380	130	1 x 6,0
ECO 5 K (S,L) C 2 c	215,000	1,599,600	336,260	1,599,600	250	1,860	391	1,860	26.1	193.9	9.6	71.1	35	166	33	157	2.20	-	220/380	135	1 x 6,0
ECO 7 K (S,L) C 2	498,800	3,500,200	917,620	3,500,200	580	4,070	1,067	4,070	60.5	424.3	22.2	155.6	95	363	90	343	7.50	2.20	220/380	250	2 x 9,0

(MODULATING GAS/HEAVY OIL DUAL BURNERS)

BURNER TYPE	NATURAL & LPG GAS CAPACITY		HEAVY & LIGHT OIL CAPACITY		GAS CAPACITY		OIL CAPACITY		NATURAL GAS CONSUMPTION		LPG GAS CONSUMPTION		HEAVY OIL CONSUMPTION		LIGHT OIL CONSUMPTION		FAN MOTOR POWER	OIL PUMP POWER	MAIN SUPPLY	WEIGHT	OIL HEATER
	Min. Kcal/h	Max. Kcal/h	Min. Kcal/h	Max. Kcal/h	Min. kW	Max. kW	Min. kW	Max. kW	Min. Nm ³ /h	Max. Nm ³ /h	Min. Nm ³ /h	Max. Nm ³ /h	Min. Kg/h	Max. Kg/h	Min. Kg/h	Max. Kg/h	kW	kW	V	Kg	kW
ECO 5 K (S,L) C 3 c	215,000	1,599,600	336,260	1,599,600	250	1,860	391	1,860	26.1	193.9	9.6	71.1	35	166	33	157	2.20	-	220/380	135	1 x 9,0
ECO 7 K (S,L) C 3	498,800	3,500,200	917,620	3,500,200	580	4,070	1,067	4,070	60.5	424.3	22.2	155.6	95	363	90	343	7.50	2.20	220/380	240+60	2 x 9,0
ECO 8 K (S,L) C 3	989,000	4,988,000	1,529,940	4,988,000	1,150	5,800	1,779	5,800	119.9	604.6	44.0	221.7	159	517	150	489	11.00	2.20	220/380	300+150	2 x 14,0
ECO 8 K (S,L) C 3 a	989,000	5,762,000	1,733,760	5,762,000	1,150	6,700	2,016	6,700	119.9	698.4	44.0	256.1	180	597	170	565	15.00	3.00	220/380	300+150	2 x 16,0
ECO 9 K (S,L) C 3	2,580,000	9,890,000	3,059,880	9,890,000	3,000	11,500	3,558	11,500	312.7	1,198.8	114.7	439.6	317	1,025	300	970	22.00	4.00	220/380	400+200	2 x 24,0



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Sistemleri Ticaret ve Sanayi A.Ş.

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