



ÇENELİ KIRICILAR

JAW CRUSHERS

GÜRSAN Çeneli Kırıcılar, yüksek dayanıklılık ve güçlü kırma performansı ile en zorlu malzemeleri kolaylıkla işler. Sağlam tasarımı ve uzun ömürlü yapısıyla düşük bakım maliyeti sunar.

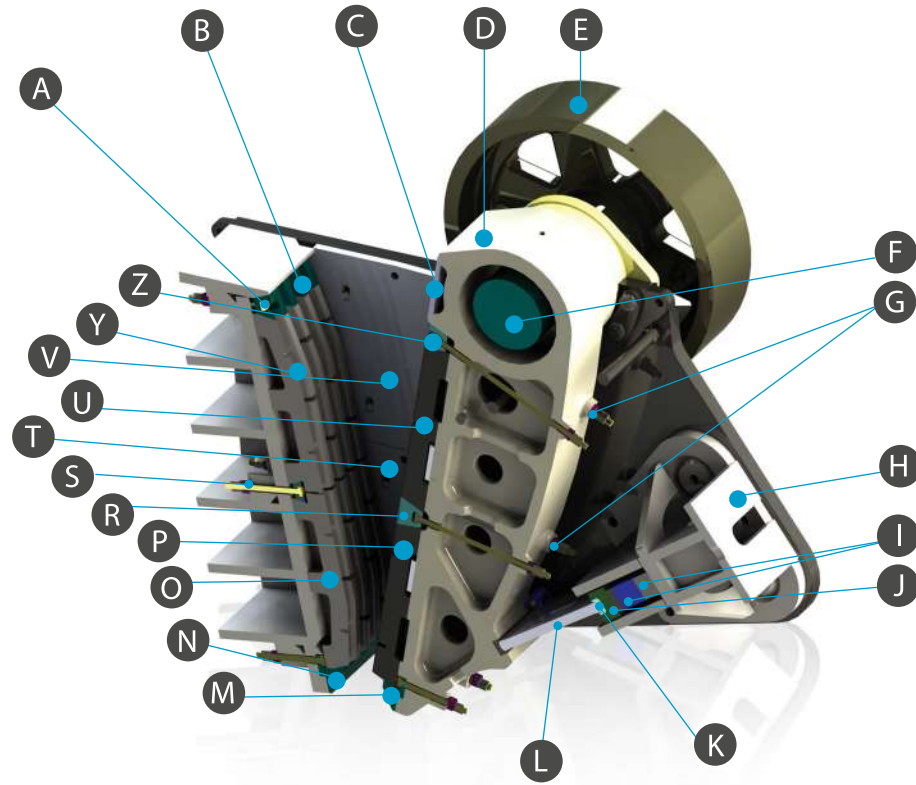
GÜRSAN Jaw Crushers easily process the toughest materials with high durability and powerful crushing performance. With their robust design and long-lasting structure, they offer low maintenance costs.

**Zorlu ve iri beslemelerde
yüksek performans arıyorsanız,
çözüm GÜRSAN K-Serisi Çeneli Kırıcılar.**

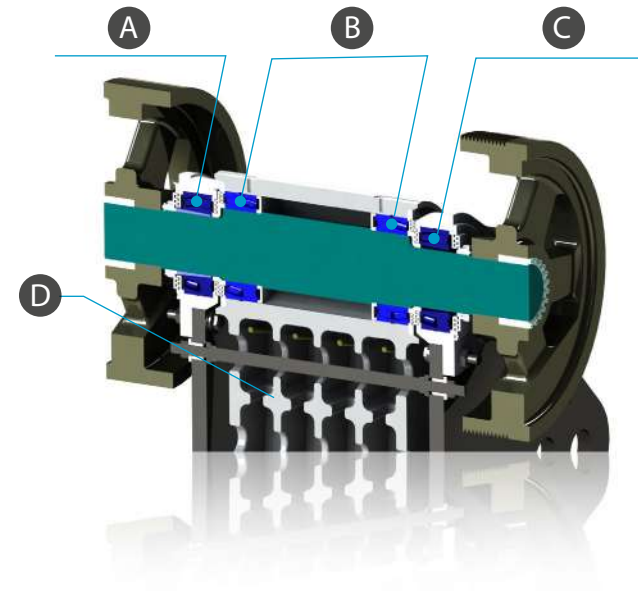
*When the toughest feed meets precision,
the solution is GÜRSAN K-Series Jaw Crushers.*



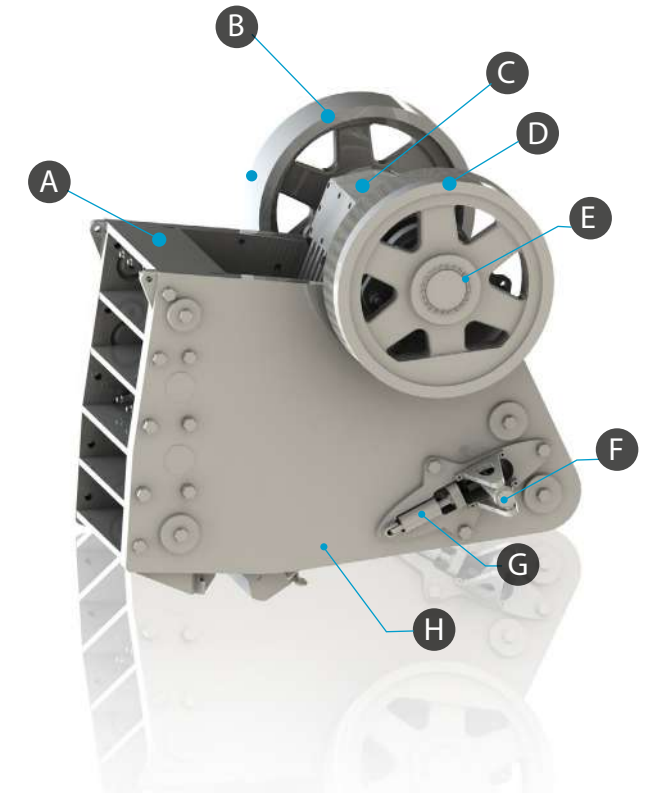
1. DETAY / 1st Detail



2. DETAY / 2nd Detail



3. DETAY / 3rd Detail



1. DETAY / 1st Detail

- | | |
|--|---|
| A Sabit Çene Üst Kama Saplaması /
Fix Jaw Upper Wedge Bolt | L Mesnet Plakası / Toggle Plate |
| B Sabit Çene Kaması / Fix Jaw Wedge | M Seyyar Çene Alt Kaması /
Swinging Jaw Lower Wedge |
| C Pitman Koruma Astarı /
Pitman Face Protection Plate | N Sabit Çene Alt Kaması /
Fix Jaw Lower Wedge |
| D Pitman / Pitman | O Sabit Çene / Fix Jaw |
| E Volan / Flywheel | P Seyyar Çene / Swinging Jaw |
| F Egsantrik Mil / Eccentric Shaft | R Seyyar Çene Kaması / Swinging Jaw Wedge |
| G Tabak Yay / Disk Spring | S Tabak Yay / Disk Spring |
| H Arka Blok / Back Block | T Yan Alt Astar / Lower Cheek Plate |
| I Ayar Kamaları / Adjusting Wedges | U Seyyar Çene / Swinging Jaw |
| J Ayar Bloğu / Adjusting Block | V Yan Üst Astar / Upper Cheek Plate |
| K Mesnet Plaka Yuvası /
Toggle Plate Casing | Y Sabit Çene / Fix Jaw |
| | Z Seyyar Çene Kaması / Swinging Jaw Wedge |

2. DETAY / 2nd Detail

- A** Çakma Manşonlu Oynak
Makaralı Rulman /
Withdrawal Sleeve Bearing
- B** Oynak Makaralı Rulman /
Spherical Roller Bearing
- C** Çakma Manşonlu Oynak
Makaralı Rulman /
Withdrawal Sleeve Bearing
- D** Pitman / Pitman
- A** Önlük / Cover

3. DETAY / 3rd Detail

- B** Volan / Flywheel
- C** Pitman / Pitman
- D** Volan (Tahrik Tarafı) /
Driving Flywheel
- E** Volan Kilidi / Flywheel Key
- F** Ayar Pistonu / Adjusting Piston
- G** İtme Pistonu / Pushing Piston
- H** Yan Duvar / Lateral Wall



GÜRSAN Çeneli Kırıcılar her uygulamaya var. Bazalt, Granit, Kuvartz, Kalker...

*GÜRSAN Jaw
Crushers are for every
application. Basalt,
Granite, Quartz,
Limestone...*

Pitman dökme çelikten üretilmiş olup, **en zorlu koşullar altında bile** oluşan yükleri karşılayacak şekilde tasarlanmıştır. Makinenin mesnet plakaları metal kaçaklarına karşı dökme çelikten üretilmiştir. Geometrilere, aşırı yük altında kolayca kırılacak şekilde tasarlanmış olup, bu parçaların makinenin diğer bileşenlerine zarar vermesi engellenmiştir. Mesnet plaka yuvaları tasarımı kolayca değiştirilebilecek şekilde tasarlanmıştır.

***Pitman** is manufactured from cast steel and is designed to resist against stressed loads even under the severest conditions. Toggle plates (safety plates) of these crushers are manufactured from casted steel. Their geometry has been so designed as to break easily under overload with out causing damage by such pieces onto other components of the machine. Houses of the toggle plates are non-lubricating type and so designed that they can be easily replaced.*





**Herkese aynı kalite,
kişiyeye özel proje...**

*Consistent quality,
customized solutions...*



TEKNİK ÖZELLİKLER / TECHNICAL SPECIFICATIONS OF JAW CRUSHERS

	TEKNİK ÖZELLİKLER / TECHNICAL SPECIFICATIONS													
	K02 610 x 380 mm 24" x 15"		K04 900 x 250 mm 35" x 10"		K03 900 x 650 mm 36" x 26"		K07 1100 x 900 mm 43" x 35"		K09 1100 x 350 mm 43" x 14"		K10 1250 x 950 mm 49" x 37"		K08 1400 x 1100 mm 55" x 43"	
Ağız Ölçüleri Feed Opening	160x380	24"-15"	900x650	36"-24"	900x650	36"-26"	1100x900	43"-35"	1100x350	43"-14"	1250x950	49"-37"	1400x1100	55"-43"
Motor Gücü Power	40 HP	30 kW	40 HP	30 kW	125 HP	90 kW	180 HP	132 kW	75 HP	55 kW	200 HP	160 kW	270 HP	200 kW
Vol. Devir Sayısı Fly Wheel Rpm	300 RPM		300 RPM		270 RPM		225 RPM		270 RPM		220 RPM		225 RPM	
Motor Dev. Sayısı Motor Rpm	1450		1450		1450		1450		1450		1450		1450	
Max. Bes. Büyükl. Max Feed Size	350x350	14"x 14"	250x250	10"x 10"	600x600	24"x 24"	850x850	34"x 34"	300x300	12"x 12"	900x900	35"x 35"	1000x1000	39"x 39"
Toplam Ağırlık Total Weight	6000 kg	23250 LBS	5600 kg	12350 LBS	12000 kg	26500 LBS	28000 kg	61750 LBS	9500 kg	21000 LBS	47120 kg	103900 LBS	51500 kg	113500 LBS

ÇENELİ KIRICILAR KAPASİTELER / CAPACITIES OF JAW CRUSHERS

KIRICI AYARI CLOSED SIZE SETTING		KAPASİTELER / CAPACITIES															
		K02 610 x 380 mm 24" x 15"		K04 900 x 250 mm 35" x 10"		K03 900 x 650 mm 36" x 26"		K07 1100 x 900 mm 43" x 35"		K09 1100 x 350 mm 43" x 14"		K10 1250 x 950 mm 49" x 37"		K08 1400 x 1100 mm 55" x 43"			
mm	inch	mtph	stph	mtph	stph	mtph	stph	mtph	stph	mtph	stph	mtph	stph	mtph	stph		
6	1/4"																
12	1/2"																
20	3/4"			9-16	10-18												
25	1"			13-22	14-24												
30	1 1/4"			17-28	19-31												
40	1 1/4"	20-33	22-36	20-40	22-44												
50	2"	24-38	26-42	32-44	35-48					40-90	44-99						
60	2"	30-45	33-50	40-59	44-65	50-78	55-86			55-110	60-121						
70	2"	36-52	40-57	50-65	55-72	60-80	66-88			65-130	72-143						
80	3"	42-60	46-66	56-75	62-83	65-90	72-99			70-145	77-160						
90	3"	48-68	53-75			72-100	79-110			80-155	88-170						
100	4"	55-75	61-83			78-110	86-121	120-230	132-253	85-165	94-182	245-335	270-370				
125	5"	60-85	66-94			90-130	99-143	170-340	187-374	90-180	99-198	295-405	325-445	335-465	370-510		
150	6"	80-115	88-127			105-160	116-176	200-400	220-440	120-240	132-264	345-475	380-525	395-545	435-600		
175	7"					135-200	149-220	230-460	253-506			395-545	435-600	455-625	500-690		
200	8"					175-240	193-264	260-520	286-572			445-615	490-675	510-710	565-780		
250	10"							320-640	352-704			495-685	545-750	630-870	695-960		
300	12"							400-800	440-880			545-755	600-925	760-1045	836-1150		

ÇENELİ KIRICILAR GRADASYON TABLOSU / JAW CRUSHER GRADATION CHART

ÜRÜN EBADI PRODUCT SIZE		KIRICI AYAR AÇIKLIĞI / CRUSHER CLOSED SIDE SETTING															
		19mm	25mm	38mm	45mm	50mm	57mm	64mm	70mm	76mm	89mm	102mm	127mm	152mm	179mm	203mm	229mm
		3/4"	1"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"	2-3/4"	3"	3-1/2"	4"	5"	6"	7"	8"	9"
+254 mm	+10														100	100	100
254 mm	10"														94	82	73
229 mm	9"												100	88	76	68	61
203 mm	8"													93	80	69	61
179 mm	7"											100	83	72	62	54	48.5
152 mm	6"									100	100	90	74	63	54	47.5	42.5
127 mm	5"						100	100	100	96	87	78	64	54	47	41	36
102 mm	4"						95	95	90	84	74	65	54	46	40	34	30
89 mm	3-1/2"						89	89	81	76	66	58	48	41	35.5	30.5	26.5
76 mm	3"					100	80	80	72	67	58	52	43	36,5	31,5	27	23,5
71 mm	2-3/4"				100	96	75.5	75.5	67.5	62.5	54	48.5	40	34	29.5	25	21.8
64 mm	2-1/2"				96	91	70	70	62.5	58	50	45	37	31.5	27	23	20
57 mm	2-1/4"			100	93	85	65	65	58	53.5	46.5	41.5	34	29	25	21.3	18.3
50 mm	2"		100	95	87	79	57	57	53	49	42.5	38	31	26.5	23	19.5	16.5
45 mm	1-3/4"		98	90	80	72	52	52	48	44	38.5	34.5	28	24	20.5	17.5	14.7
38 mm	1-1/2"	100	92	82	71	62	45	45	42	38.5	34	30.5	24.5	21	18	15	13
32 mm	1-1/4"	97	86	75	62.5	55	40	40	37	34	30	27	22	18.5	15.9	13.2	11.3
25 mm	1"	90	73	62	52	46	33.5	33.5	31	28.5	25	22.5	18.5	15.5	13.4	11.2	9.5
22 mm	7/8"	86	66	56	46.5	41.5	30	30	28	26	22.5	20.1	16.5	14	11.9	10	8.4
19 mm	3/4"	75	55	47	39	34.5	25.5	25.5	22.5	22	19	17.3	14	12	10.2	8.5	7
16 mm	5/8"	67	49.5	42.5	35.2	31	22.5	22.5	21	19.5	17	15.5	12.5	10.8	9.1	7.6	6.3
12 mm	1/2"	56	41.5	35.5	29.8	26	17.4	17.4	18	16.5	14.8	13.3	10.8	9.2	7.8	6.5	5.3
10 mm	3/8"	42	31	27	22.5	19.5	14.6	14.6	13.7	12.7	11.2	10.2	8.2	7	5.9	4.8	3.9
8 mm	5/6"	38	28	24	20	17.6	13.2	13.2	12.3	11.3	10	9.1	7.4	6.3	5.2	4.3	3.5
6.4 mm	1/4"	31.5	23	20	17	14.8	11.2	11.2	10.3	9.7	8.6	7.8	6.3	5.3	4.4	3.6	2.9
4.8 mm	4 M	24	17.5	35	12.5	11.2	8.5	8.5	8	7.4	6.0	5.9	4.8	4	3.4	2.7	2.2
2.4 mm	8 M	13.5	9.9	8.5	7.3	6.4	4.9	4.9	4.6	4.3	3.8	3.4	2.8	2.4	2.0	1.6	1.2
1.5 mm	10 M	11.4	8.3	7.2	6.2	5.4	4.1	4.1	3.9	3.7	3.2	2.9	2.4	2.0	1.7	1.4	1
1.2 mm	16 M	6.8	5	4.4	3.8	3.3	2.5	2.5	2.4	2.3	2	1.8	1.5	1.3	1	.9	.7
0.6 mm	30 M	3.8	2.9	2.5	2.2	1.9	1.5	1.5	1.4	1.3	1.2	1.1	.9	.8	.6	.5	.4
0.42 mm	40 M	2.9	2.1	1.9	1.7	1.4	1.2	1.2	1.2	1.1	1.0	.9	.7	.6	.5	.5	.3
0.3 mm	50 M	2.3	1.6	1.4	1.3	1.1	1	1	1	.9	.8	.8	.6	.5	.4	.4	.2
0.15 mm	100 M	1.3	1	.8	.7	.6	.5	.5	.5	.5	.4	.4	.3	.3	.2	.2	.1