



ENGINEERED PRODUCTS

JAW CRUSHERS CT Series

Engineers and Manufacturers of Washing, Vibrating and Crushing Equipment

Description

Trio's well engineered and highly efficient CT Series Jaw Crushers use the most current engineering knowledge available in jaw crusher design.

The units utilize pitched fixed jaw dies, and steeply aligned toggle seats to provide the most efficient nip angles. The resulting geometry yields a highly efficient and highly productive family of jaw crushers.

The hydraulically adjusted wedges contribute to an operator-friendly system that enables users to make quicker, easier adjustments to the machine's closed setting as different products are desired, or as the jaw dies wear.

Their fixed jaw dies have wrap-around design that protects the frame and eliminates the need for additional wedges. Side tensioning wedges provide a simple method for keeping the dies in the correct operating position. The cheek plates are kept in place through an easy to maintain bolt system.

The crushers are driven by extra large, overhead eccentric shafts seated in spherical, self aligning roller bearings.

Like all Trio products, this equipment is backed with the company's standard one-year warranty and continuing service commitment. The units are available exclusively through a number of value added retail distributors.



Distributed by:



Applications

- Primary and Secondary Hard Rock Crushing
- Mixed Demolition Debris
- Crushed or Broken Concrete
- Asphalt
- River Rock

Premium Features

- Fabricated, stress relieved steel frame
- Reinforced side plates
- Close-tolerance machined jaw plates and seating surfaces
- Reversible jaw plates
- Spherical, self aligning roller bearings
- Drop-forged, heat treated eccentric shafts
- Manual or hydraulic shim closed setting adjustments

Models / Sizes

- CT10x30 - CT12x52 - CT30x42 - CT42x54
- CT10x40 - CT20x36 - CT32x54 - CT47x63
- CT10x48 - CT24x36 - CT36x48

Other Considerations

- One Year Warranty
- Quick Deliveries
- Off-the-shelf parts
- Nationwide distribution
- Superior Quality
- Low Price Guarantee



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Open Circuit Maximum Capacities (TPH)

Model	1" 25	1½" 38	2" 50	2½" 63	3" 75	3½" 90	4" 100	5" 125	6" 150	7" 175	8" 200	9" 255	10" 250	11" 275	12" 300
CT1030	25	40	50	63	75	90	100	125	150	180	200	230	250	279	300
CT1040	12	15	22	26	22	35									
CT1048	17	22	27	32	39	45									
CT1252	23	30	37	43	52	63									
CT2036	28	35	44	54	64	76	160-190	190-220							
CT2436	50	63	77	90	105	130	300-400	350-450	400-500	470-570					
CT3042		+	80-90	95-110	120-140	140-170	260-330	310-400	370-470	430-540	490-610	550-700			
CT3254			150-250	200-300	240-340	270-370	+	380-500	450-580	520-650	575-730	630-810	700-900	880-1100	950-1180
CT3648					+	+	+	+	500-650	590-750	650-840	740-930			
CT4254															
CT4763															

Product Gradations - Percent Passing

Inch mm	1" 25	1½" 38	2" 50	2½" 63	3" 75	3½" 90	4" 100	5" 125	6" 150	7" 175	8" 200	9" 255	10" 250	11" 275	12" 300
>10"(>250)											100	100	100	100	100
10"(250)										100	90	85	75	70	65
9"(225)									100	90	83	75	70	65	60
8"(200)								100	90	83	75	70	65	60	55
7"(175)							100	90	83	75	70	63	60	55	52
6"(150)						100	95	83	75	68	63	58	55	50	47
5"(125)					100	90	85	75	68	60	58	48	45	43	40
4"(100)				100	90	83	75	65	60	55	48	45	40	38	35
3½"(90)				95	83	75	70	60	55	50	45	40	35	32	30
3"(75)			100	83	75	70	65	55	50	45	35	30	25	28	25
2½"(75)		100	90	75	68	60	55	50	42	35	30	25	22	22	20
2"(50)		90	75	65	58	55	50	40	35	30	25	22	20	17	15
1"(38)		85	70	60	55	50	45	35	30	25	22	20	17	15	13
1"(32)	100	75	65	55	50	45	40	30	25	22	20	17	12	10	8
1"(25)	95	70	55	50	40	35	30	25	22	20	17	15	10	8	6
¾"(19)	75	65	45	43	35	30	25	20	17	15	12	10	8	6	5
5/8"(13)	70	55	40	30	25	22	20	17	15	12	10	7	5	4	3
3/8"(10)	60	45	35	25	20	17	15	13	10	7	5	3	2	1	0
1/4"(6)	45	30	25	20	15	13	10	7	5	3	2	1	1	0	0



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General Specifications

Model	CSS		DISCHARGE SIZE		POWER		SPEED	WEIGHT		DIMENSION (L x W x H)	
	INCH	MM	INCH	MM	HP	KW	RPM	LBS	KG	INCH	MM
CT1030	3/4"-3 1/2"	20-90	1 1/2"-5 5/8"	40-140	40	30	300	12,500	5,700	71x63x52	1800x1600x1320
CT1040	3/4"-3 1/2"	20-90	1 1/2"-5 5/8"	40-140	50	37.5	300	15,000	7,100	70x75x52	1780x1900x1320
CT1048	3/4"-3 1/2"	20-90	1 1/2"-5 5/8"	40-140	75	55	300	19,000	8,600	78x91x52	1980x2310x1320
CT1252	1"-3 1/2"	25-90	1 1/2"-5 5/8"	40-140	100	75	300	25,000	11,350	78x100x55	1980x2540x1400
CT2036	2"-5"	50-125	3"-5 5/8"	75-140	75	55	250	25,000	11,350	88x75x77	2240x1900x1950
CT2436	3"-7"	75-180	5"-11"	125-280	100	75	250	30,000	13,650	102x74x94	2600x1880x2390
CT3042	4"-9"	100-230	5"-11"	125-280	150	110	225	58,500	26,600	119x88x109	3020x2235x2770
CT3254	3"-7"	75-180	5"-11"	75-280	200	150	225	66,000	30,000	98x94x94	2490x2390x2390
CT3648	4"-9"	100-230	6 3/8"-14"	160-355	250	190	225	105,000	47,750	148x112x120	3760x2840x3050
CT4254	5"-10"	125-250	6"-15 3/4"	150-400	300	225	225	126,000	57,200	145x119x123	3680x3020x3125
CT4763	6"-12"	150-300	9 1/2"-17 3/4"	240-450	350	260	225	176,000	80,000	176x133x147	4470x3380x3730