

JAW CRUSHERS

TRIO offers a wide range of sizes of primary and secondary jaw crushers. They incorporate steeply aligned toggle seats for efficient nip angles and high production rates. The primary models offer hydraulically adjusted wedges for quick and easy adjustments to closed side settings.



TRIO CT3042 ON SKID



TRIO CT1252 ON SKID

All sizes incorporate a fixed jaw die configuration with a wrap-around design that protects the crusher frame. Easy-to-maintain cheek plate bolt system. Crushers are driven by extra large, overhead eccentric shafts seated in closely-spaced spherical, self-aligning roller bearings. Comparisons with other brands will show that TRIO crushers are among the most heavy-duty machines available. Important features to consider are: bearing size, shaft size, machine weight.

TRIO CT3254 ON SKID



TRIO CT SERIES JAW CRUSHERS

Key Features

Pitched fixed jaw dies and steeply aligned toggle seats. Most efficient nip angles. Highly-effective geometry

Fixed jaw dies with wrap-around design protects the frame and eliminates the need for additional wedges

Hydraulically adjusted wedges for quick adjustments to the closed setting when new products are needed or as the jaw dies wear

Side tensioning wedges to keep dies in correct operating position

Advanced cheek plate bolt system for easy maintenance

Extra large, drop-forged, heat-treated overhead eccentric shafts

Spherical, self aligning roller bearings

Fabricated, stress relieved steel frame

Bolted frames (some models)

Machined jaw plates and seating surfaces

Reversible jaw plates

Manual shim or hydraulic wedge closed side setting

Applications

Primary & secondary hard rock crushing

Mixed demolition debris

Crushed or broken concrete

Asphalt

River rock

Industrial applications



TRIO CT3254

Benefits

One-year warranty

Continuing service commitment

Global distribution

Rapid delivery

Off-the-shelf parts

Superior quality

Advanced materials & processes

Improved service life of critical components

Lower maintenance & operating costs

Models/Sizes

CT1030	CT2036	CT3254
CT1040	CT2436	CT3648
CT1048	CT3042	CT4254
CT1252	CT3042N	CT4763

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TRIO CT SERIES JAW CRUSHERS

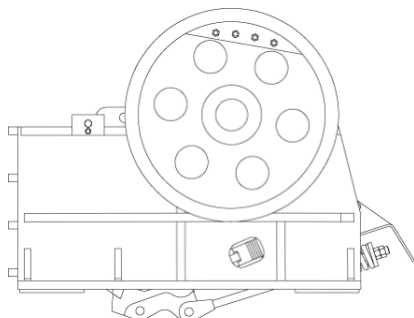
Open Circuit Maximum Capabilities (TPH)															
Models	1" 25MM	1½" 38MM	2" 50MM	2½" 63MM	3" 75MM	3½" 90MM	4" 100MM	5" 125MM	6" 150MM	7" 175MM	8" 200MM	9" 255MM	10" 250MM	11" 275MM	12" 300MM
CT1030	23	28	34	42	50	60									
CT1040	30	37	45	56	66	79									
CT1048	35	44	55	68	80	95									
CT1252	50	63	77	90	105	130									
CT2036		+	80-90	95-110	120-140	140-170	160-190	190-220							
CT2436			+	120-150	140-170	160-190	180-210	210-250	250-300	320-400					
CT3042			+	+	150-200	180-230	200-260	230-340	300-400	350-460					
CT3042N					160-220	190-240	220-280	240-350	320-420	380-500					
CT2650				150-190	160-210	190-240	230-290	300-350	350-400	400-500					
CT3254			150-250	200-300	240-340	270-370	300-400	350-450	400-500	470-570					
CT3648			+	+	+	+	260-330	310-400	370-470	430-540	490-610	550-700			
CT4254							+	380-500	450-580	520-650	575-730	630-810	700-900		
CT4763							+	+	500-650	590-750	650-840	740-930	800-1010	880-1100	950-1180

Product Gradations (Percent Passing)															
	1" 25MM	1½" 38MM	2" 50MM	2½" 63MM	3" 75MM	3½" 90MM	4" 100MM	5" 125MM	6" 150MM	7" 175MM	8" 200MM	9" 225MM	10" 250MM	11" 275MM	12" 300MM
>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
3 ½"(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
2 ½"(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 ¾"(45)		85	70	60	55	50	45	35	30	25	22	20	17	15	13
1 ½"(38)	100	75	65	55	50	45	40	30	25	22	20	17	12	10	8
1 ¼"(32)	95	70	55	50	40	35	30	25	22	20	17	15	10	8	6
1"(25)	75	65	45	43	35	30	25	20	17	15	12	10	8	6	5
¾"(19)	70	55	40	30	25	22	20	17	15	12	10	7	5	4	3
⅝"(13)	60	45	35	25	20	17	15	13	10	7	5	3	2	1	0
⅜"(10)	45	30	25	20	15	13	10	7	5	3	2	1	1	0	0
¼"(6)	30	20	15	10	7	5	4	3	1	0	0	0	0	0	0

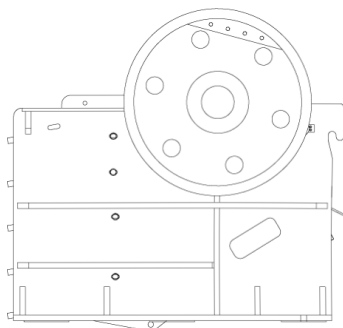
Data for marketing purposes only. Please contact TRIO for product information.

The capacities shown above are neither maximum nor minimum and represent the crusher's capacities in short tons (2,000 lbs/ton) which are based on a feed material with an average specific gravity of 2.7 t/m³ or bulk density of 100 lbs per cubic foot. A maximum feed size which is 80% of the feed opening which will allow the feed to enter the crusher without bridging. The feed material must also be void of any material that is finer than the crusher's CSS. A crusher's capacity may vary depending on the feeding method, feed gradation, bulk density, moisture, clay content and crushability of the material. Measurement of the crusher's setting can vary depending on the jaw liner's condition which can have an impact on the crusher's capacity and discharge gradation. The proper feed gradation and control will greatly influence a crusher's capacity and performance. To ensure good performance a correctly sized feeder and discharge conveyor are essential.

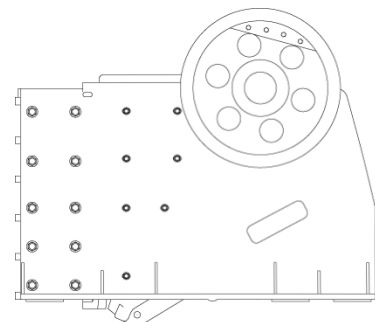
TRIO CT SERIES JAW CRUSHERS



CT1048



CT3042



CT4254

General Specifications

	CSS		Weight		Dimension (LxWxH)		Discharge Size		Power		Speed	Capacity
Models	Inch	MM	LBS	KG	Inch	MM	Inch	MM	HP	KW	RPM	MTPH
CT1030	1"- 3 1/2"	25-90	12750	5781	71x63x52	1800x1600x1320	1 1/2"- 5 5/8"	40-140	40	30	300	15-70
CT1040	1"- 3 1/2"	25-90	15150	6872	70x75x52	1780x1900x1320	1 1/2"- 5 5/8"	40-140	50	37	300	20-80
CT1048	1"- 3 1/2"	25-90	17000	7711	78x91x52	1980x2310x1320	1 1/2"- 5 5/8"	40-140	75	55	300	25-100
CT1252	1"- 3 1/2"	25-90	25000	11340	78x100x55	1980x2540x1400	1 1/2"- 5 5/8"	40-140	100	75	300	45-130
CT2036	2"- 5"	50-130	25000	11340	88x75x77	2240x1900x1950	3"- 5 5/8"	75-140	75	55	250	80-190
CT2436	3"- 6"	75-160	32000	14515	102x74x94	2600x1880x2390	5"- 11"	125-280	100	75	250	100-275
CT3042	3"- 7"	75-180	56000	25400	119x88x109	3020x2235x2770	5"- 11"	125-280	150	110	225	150-360
CT3042N	3"- 7"	75-180	44778	20354	99x89x85	2515X2240X2160	5"- 11"	125-280	150	110	300	150-360
CT3254	4"- 7"	50-180	64500	29257	98x94x94	2490x2390x2390	3"- 11"	75-280	200	150	225	240-570
CT3648	4"- 9"	100-230	97150	44066	148x112x120	3760x2840x3050	6 3/8" -14"	160-355	250	185	225	260-600
CT4254	5"- 9"	125-240	132000	59874	145x119x123	3680x3020x3125	6"- 15 3/4"	150-400	300	220	220	350-800
CT4763	6"- 12"	150-300	176000	79832	176x133x147	4470x3380x3730	9 1/2"- 17 3/4"	240-450	350	250	220	490-1050

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TRIO CT1040