



K400 SECONDARY CONE PLANT



PLANT FEATURES	
PLANT CONFIGURATION	Diesel/Electric
AXLE CONFIGURATION	3+2 air bag suspension/retractable
TIRES	(20) 11:00 x 22.5 Dual Mounted w/Air Brakes
FEED HOPPER	11 Yard Surge
VIBRATING FEEDER	42" x 12' with variable speed hydraulic drive
UNDERCRUSHER SIDE DELIVERY CONVEYOR	42" wide with 10 hp electric motor
SIDE DISCHARGE HEIGHT	7' - 8"
CONE FEED CONVEYOR	42" wide with 20 hp electric motor
ALL BELTING	Grade 2, 3 Ply, 3/8" Top, 1/8" Bottom, Grade 1 Rubber
BELT CLEANER	Martin ClearChoice
DIESEL ENGINE	Caterpillar C-15 540 hp w/PT Tech Hydraulic Clutch
DIESEL BAGHOUSE	Pulse cleaning air-intake
FUEL TANK	500 gallons
GROUND SUPPORTS	Hydraulic with oversized bases
PLATFORMS	Cone, magnet and diesel access
DUST SUPPRESSION	Complete with manifold, filtration, and on-plant shutoff
MAGNETIC SEPARATOR	38" Industrial Magnetics Inc. self-cleaning belt magnet

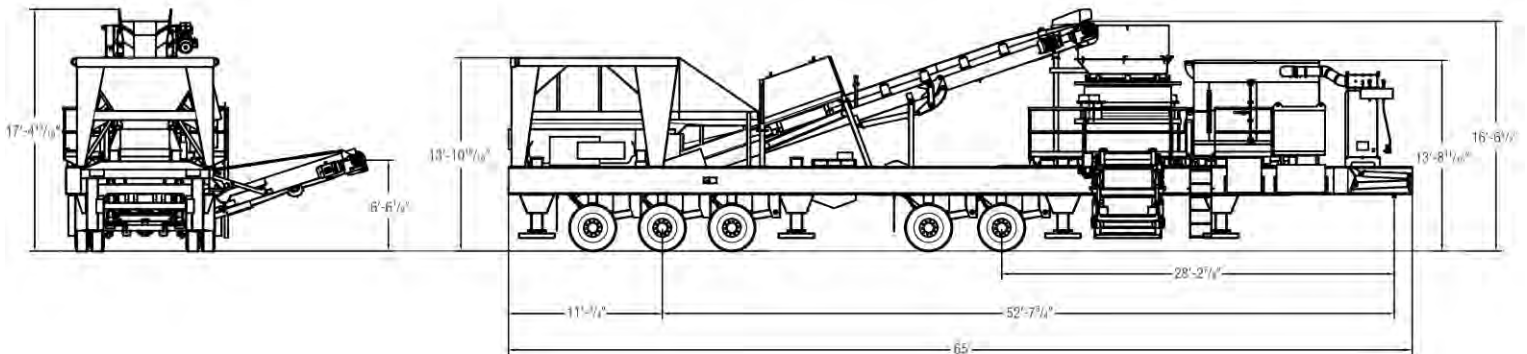
CONE CAPACITIES
1/2" css = 210-260 tph
5/8" css = 250-315 tph
3/4" css = 290-365 tph
7/8" css = 315-395 tph
1" css = 340-425 tph
1 1/4" css = 405-505 tph
1 1/2" css = 440-550 tph
1 3/4" css = 475-595 tph
2" css = 500-625 tph

* Capacities based on material weighing 2,700 lbs./cu. ft.

CONE FEATURES
Kodiak K400 Cone
Remote adjust hydraulic package controlled from operators center
Tramp Iron Relief system
Hydraulic thread adjust for quick setting changes and chamber cleaning
Replaceable non-galling brass threads
Cone head anti-spin brake
External lube pump
Crusher feed hopper extension

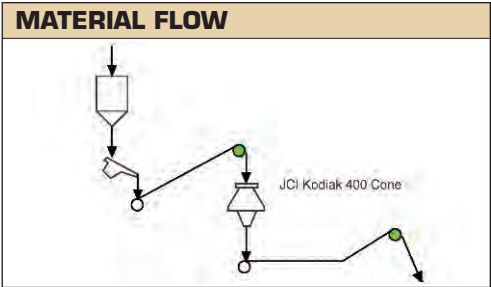


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GRADATION												
Product Size	CRUSHER CLOSED SIDE SETTING											
	3/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"
	7.94 mm	9.52 mm	11.11 mm	12.7 mm	15.87 mm	19.05 mm	22.22 mm	25.4 mm	32 mm	38.1 mm	44.5 mm	50.8 mm
4"												100
3 1/2"											100	96
3"										100	95	90
2 3/4"	Estimated product gradation percentages at setting shown.											
2 1/2"									100	95	88	81
2 1/4"									97	91	83	74
2"								100	94	86	76	65
1 3/4"							100	99	89	79	66	55
1 1/2"						100	99	97	82	68	56	45
1 1/4"					100	99	95	90	72	56	46	38
1"				100	99	95	87	79	60	45	36	29
7/8"			100	99	95	88	80	70	49	38	30	25
3/4"		100	97	95	91	83	71	61	41	32	26	21
5/8"	100	98	94	90	85	73	58	49	34	28	22	18
1/2"	99	95	89	85	75	63	50	42	28	23	19	16
3/8"	91	85	75	69	63	51	42	33	21	17	14	12
5/16"	85	75	65	61	56	43	35	27	19	15	13	10
1/4"	74	63	52	50	45	37	29	23	16	13	11	9
4M	58	51	42	36	33	28	21	18	14	11	9	7
3/2"	50	42	36	30	28	23	18	15	12	10	8	6
8M	40	35	30	26	24	20	16	12	9	7	5	4
10M	35	31	26	22	20	17	14	10	8	6	4	3
16M	28	24	21	17	15	13	10	8	6	4	3	2
30M	21	18	15	11	9	8	6	5	4	3	2	1.5
40M	18	15	13	10	8	7	5	4	3	2	1.5	1
50M	14	12	11	8	7	6	4	3	2	1.5	1	0.8
100M	11	9	8	7	6	5	4	3	2	1.5	1	0.5
200M	8	7	6	6	5	4	3	2	1	0.5	0.5	0.3

WEIGHTS AND DIMENSIONS	
AXLE SPACING	60"
KINGPIN	46,100
STEER	37,640
STEER SPACING	63"
REAR AXLE EACH	17,355 lbs.
REAR AXLE TOTAL	52,065 lbs.
TOTAL WEIGHT	136,455 lbs.
TRAVEL HEIGHT	14' - 0"
TRAVEL LENGTH	65' - 7"
TRAVEL WIDTH	12' - 0"



NOTE: SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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